ENTRANCE TEST-2024

SCHOOL OF SOCIAL SCIENCES

LIBRARY & INFORMATION SCIENCE

Question Booklet Series **B**

Total Questions : 60
Time Allowed : 70 Minutes

Roll No. :

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1. The *Mughal Ruler, Jahangir* commissioned many paintings of animals and plants. Which painter from his courts was famous for such paintings?

   (A) Basawan

   (B) Daswant

   (C) Ustad Mansur

   (D) Govardhan

2. *Saki* was the pseudonym used by the author of the works such as *The Open Window* and *The Story Teller*. His real name was:

   (A) C.S. Lewis

   (B) Mark Twain

   (C) H.G Wells

   (D) H.H. Munro

3. A *Cosmologist* is to the *Universe* as a *Psephologist* is to:

   (A) Poverty

   (B) Elections

   (C) Economy

   (D) None

4. The Gujarati Festival, *Uttarayan* is famous for:

   (A) Cattle Race

   (B) Animal Fair

   (C) Kite Flying

   (D) Clothes

5. Name the animal-rights group which has a slogan, "*Animals are not ours to eat, wear, experiment on, use for entertainment or abuse in any way*":

   (A) The Humane Society

   (B) PETA

   (C) RSPCA

   (D) Goonj

6. Which among the following states is completely landlocked?

   (A) Tamil Nadu

   (B) Karnataka

   (C) Telangana

   (D) Kerala

7. Name the book that contains the famous line, "*Workers of the World, Unite. You have nothing to lose but your chains*".

   (A) Das Kapital

   (B) War and Peace

   (C) Candide

   (D) The Communist Manifesto

8. The first cricketer to score international centuries in *Test, ODIs* and *T20s*:

   (A) Chris Gayle

   (B) Sachin Tendulkar

   (C) Ricky Ponting

   (D) Suresh Raina

9. The famous *Hari Parbat Fort*, located in Srinagar, Kashmir was built under the reign of which Governor of Kashmir province?

   (A) Sultan Sikandar

   (B) Atta Mohammed Khan

   (C) Mir Mohammad Hamadani

   (D) Syed Shahab Ud Din

10. *DNA* is composed of repeating units of:

(A) Ribonucleosides

(B) Deoxyribonucleosides

(C) Ribonucleotides

(D) Deoxyribonucleotides

11. Which among the following is not a *Measure of Dispersion*?

(A) Standard Deviation

(B) Range

(C) Variance

(D) Median

12. Some bacteria and fungi produce antibiotics that are used in Medicines. Which of these is an antibiotic obtained from a fungus?

(A) Paracetamol

(B) Penicillin

(C) Aspirin

(D) None

13. Who invented the first *Vacuum Tube*?

(A) Lee de Forest

(B) John Ambrose Fleming

(C) Johann Wilhelm Hittorf

(D) Robert von Lieben

14. A rectangular sheet of paper measuring 66 cm by 20 cm is rolled along its length to form a cylinder. Find the volume of the cylinder so formed:

(A) 6,930 cm³

(B) 6,935 cm³

(C) 6,934 cm³

(D) 6,945 cm³

15. The formula for the Organic Compound, *Chloroform* is:

(A) $CHCl_3$

(B) C_3H_6O

(C) CCl_4

(D) C_6H_6

16. _____ was an Austrian Monk whose famous experiments with the pea plant gave us the *Laws of Inheritance. He is known as the Father of Genetics.*

(A) James Watson

(B) Francis Crick

(C) Gregor Mendel

(D) Charles Darwin

17. *The Manhattan Project* was associated with:

(A) Nuclear Weapons

(B) Ships

(C) Aeroplanes

(D) None

18. What will be the Compound Interest on Rs. 12,000 for $1\frac{1}{2}$ years at 10% per annum compounded half-yearly?

(A) Rs. 1800.80

(B) Rs. 1891.50

(C) Rs. 1950.60

(D) Rs. 1951.30

19. Who among the following is known as, "*Sher-e-Punjab*" or "*Lion of Punjab*"?

(A) Maharaja Kharak Singh

(B) Maharaja Ranjit Singh

(C) Maharaja Sher Singh

(D) Maharaja Duleep Singh

20. Who was the first European to reach India via the Atlantic Ocean?

   (A) Robert Clive

   (B) Warren Hastings

   (C) Vasco da Gama

   (D) Francisco de Almeida

21. Starting from a point 'M', Shakoor walked 18 meters towards the south. He turned to his left and walked 25 meters. He then turned to his left and walked 18 meters. He again turned to his left and walked 35 meters and reached a point 'P'. How far is Shakoor from point 'M' and in which direction?

   (A) 10 meters West

   (B) 10 meters East

   (C) 35 meters West

   (D) 10 meters South

22. The sum of the ages of a mother and her daughter is 66 years. Also 20 years ago, the mother's age was 12 times the age of the daughter. What are the present ages of the mother and the daughter?

   (A) d-22; m-44

   (B) d-20; m-40

   (C) d-18; m-36

   (D) None

23. Rectangle : Pentagon. Similarly

   (A) Pentagon : Octagon

   (B) Triangle : Hexagon

   (C) Square : Rectangle

   (D) Triangle : Rectangle

24. 1, 5, 11, 19, 29, _____ .

   (A) 36

   (B) 39

   (C) 40

   (D) 41

25. Praveen, Shambhavi, Ajit, Mayur and Neela work in the same factory. Neela joined the factory before Ajit but after Shambhavi. Praveen started working in the factory before Shambhavi but after Mayur. Who is the senior-most among them?

   (A) Mayur

   (B) Shambhavi

   (C) Neela

   (D) Ajit

26. What is the full form of Chat GPT?

   (A) Chat Generative Pre-trained Transformer

   (B) Chat Generative Post-trained Transformer

   (C) Chat Generated Pre-trained Transformer

   (D) Chat Generated Post-trained Transformer

27. CAPTCHA stands for:

   (A) Completely Automatic Public Turing test to tell Computers and Humans Apart

   (B) Completely Automated Public Turing test to tell Computers and Humans Apart

   (C) Computed Automated Public Turing test to tell Computers and Humans Apart

   (D) Computed Automatic Public Turing test to tell Computers and Humans Apart

28. Twitter now stands rebranded as :

   (A) X

   (B) Y

   (C) Z

   (D) None

29. Which among the following is a *Web Browser* ?

   (A) Chrome

   (B) Firefox

   (C) Internet Explorer

   (D) All

30. Who coined the term *Deep Web* ?

   (A) Michael K. Bergman

   (B) Tim Berners-Lee

   (C) Ted Nelson

   (D) Marc Andreessen

31. The *Great Library of Alexandria*, is attributed to which region :

   (A) China

   (B) Australia

   (C) Turkey

   (D) Egypt

32. An intense *Fear of Books or Reading* is known as :

   (A) Arachnophobia

   (B) Emetophobia

   (C) Bibliophobia

   (D) Erythrophobia

33. A collection, usually annual, of statistics and facts, both current and retrospective is known as :

   (A) Atlas

   (B) Almanac

   (C) Bibliography

   (D) Dictionary

34. *Using someone else's published ideas or information and presenting them as your own without giving proper credit to the original source is known as* :

   (A) Reference

   (B) Citation

   (C) Plagiarism

   (D) Bibliography

35. A work whose authenticity or authorship is in doubt is known as :

   (A) Backstrip

   (B) Apocryphal

   (C) Bibliognost

   (D) Biblioklept

36. *Letters from a Father to His Daughter* has been written by :

   (A) Sardar Vallabhbhai Patel

   (B) Mahatma Gandhi

   (C) Subhas Chandra Bose

   (D) Pandit Jawaharlal Nehru

37. *Oliver Twist* is a young boy in a book written by :

   (A) Charles Dickens

   (B) Mark Twain

   (C) Leo Tolstoy

   (D) Thomas Hardy

38. *Animal Farm*, a beast fable has been authored by :

   (A) H.G. Wells

   (B) George Orwell

   (C) James Joyce

   (D) Richard Blair

39. "*Controversially Yours*" is the biography of which famous cricketer?

(A) Yuvraj Singh

(B) Sachin Tendulkar

(C) Shoaib Akhtar

(D) Wasim Akram

40. The famous science fiction, *Dune* has been authored by:

(A) Frank Herbert

(B) Isaac Asimov

(C) William Gibson

(D) Neal Stephenson

41. Which is a synonym of *Contumacious*?

(A) Inspiring

(B) Sweet

(C) Rebellious

(D) Inclined

42. What does the idiom, "*Stick to your guns*" mean?

(A) Stay morally strong

(B) Overdoing something

(C) Reveal a secret carelessly

(D) A controversial problem

43. The driver couldn't control the _____.

(A) Speed Bus

(B) Speeding Bus

(C) Speeded Bus

(D) None

44. Identify the adjective in the sentence : "*Goa experiences sultry weather throughout the year*" :

(A) Goa

(B) Weather

(C) Sultry

(D) Year

45. Which of the following words spells correct?

(A) Itinerary

(B) Itinary

(C) Itinery

(D) Itenarary

46. *Chandrayaan-3* was launched on :

(A) 10th July 2023

(B) 14th July 2023

(C) 18th July 2023

(D) 22nd July 2023

47. The *96th Academy Awards* for the Best Picture was won by :

(A) Poor Things

(B) War is Over

(C) Oppenheimer

(D) Anatomy of a Fall

48. Who was the winner at *Miss Universe Pageant 2023*?

(A) Anntonia Porsild

(B) Moraya Wilson

(C) Camila Avella

(D) Sheynnis Palacios

49. Which team won the *Indian Premier League (IPL) 2023*?

(A) Gujarat Titans

(B) Chennai Super Kings

(C) Kolkata Knight Riders

(D) Mumbai Indians

50. When was the Women's *Reservation Bill, 2023* of India introduced in Lok Sabha?

(A) 15th September 2023

(B) 16th September 2023

(C) 17th September 2023

(D) 19th September 2023

51. How many *Surah (Chapters)* does the holy book of Muslims, *Quran* consist of?

(A) 114

(B) 115

(C) 116

(D) 117

52. The *Hornbill Festival* in India is celebrated in:

(A) Manipur

(B) Mizoram

(C) Nagaland

(D) Meghalaya

53. The *War between Pandavas and Kauravas* lasted:

(A) 18 Days

(B) 19 Days

(C) 28 Days

(D) 32 Days

54. The *extreme fear of thunder and lightning* is called:

(A) Somnophobia

(B) Heliophobia

(C) Anthophobia

(D) Astraphobia

55. Which famous poet is known as the *"Parrot of India"*?

(A) Amir Khusrau

(B) Mir Taqi Mir

(C) Mirza Asadullah Khan Ghalib

(D) Dagh Dehlvi

56. *Scapula, Femur, Patella, Tibia, Stapes* are:

(A) Bones

(B) Enzymes

(C) Muscles

(D) Blood Cells

57. Who wrote the book, *An Essay on the Principle of Population*?

(A) Adam Smith

(B) David Hume

(C) Thomas Robert Malthus

(D) William Godwin

58. The requirement of cold treatment for flowering is called as:

(A) Photoperiodism

(B) Vernalization

(C) Scarification

(D) None

59. The study of speech sounds and their physiological production and acoustic qualities is:

(A) Phonetics

(B) Syntax

(C) Semantics

(D) Morphology

60. Most of the moons of this planet are named after characters from *Shakespeare's* Plays:

(A) Saturn

(B) Uranus

(C) Jupiter

(D) Neptune

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1. Weather occurs in which layer of earth's atmosphere?

    (A) Mesosphere

    (B) Ionosphere

    (C) Troposphere

    (D) Stratosphere

2. Where is the Lakshadweep Island located?

    (A) Arabian Sea

    (B) Bay of Bengal

    (C) Pacific Ocean

    (D) Atlantic Ocean

3. The freshwater is mainly obtained from surface runoff and groundwater that is continually being renewed and recharged through the _____.

    (A) Helium cycle

    (B) Carbon cycle

    (C) Hydrogen cycle

    (D) None of the above

4. Which of the following diseases is caused by the severe deficiency of Vitamin D?

    (A) Rickets

    (B) Scurvy

    (C) Night blindness

    (D) None of these

5. What is the main cause of blueness of the sky?

    (A) The presence of water vapor

    (B) The scattering of sunlight by air molecules

    (C) Absorption of blue light by the air

    (D) Emission of blue light by the atmosphere

6. The human eye forms an object's image at its _____.

    (A) Cornea

    (B) Pupil

    (C) Retina

    (D) Iris

7. What is the main composition of the sun?

    (A) Methane, Ethane and Hydrogen

    (B) Hydrogen, Oxygen and Ammonia

    (C) Hydrogen and Oxygen

    (D) Hydrogen and Helium

8. James Webb Space Telescope was developed by _____.

    (A) NASA

    (B) Canadian Space Agency

    (C) European Space Agency

    (D) All of the above

9. What is the allotropic form of carbon?

    (A) Hydrogen

    (B) Diamond

    (C) Helium

    (D) Nitrogen

10. When pressure is increased the density of gas _____.

    (A) Increases

    (B) Decreases

    (C) Remains static

    (D) Sometimes increases sometimes decreases

11. Where is the Sphinx located?

    (A) China

    (B) Rome

    (C) Russia

    (D) Egypt

12. What is the inner most layer of earth called?

    (A) Core

    (B) Mantle

    (C) Crust

    (D) None of the above

13. Around which planet lunar orbits?

    (A) Sun

    (B) Earth

    (C) Jupiter

    (D) Black matter

14. Which is the most abundant element in Universe?

    (A) Carbon

    (B) Hydrogen

    (C) Oxygen

    (D) Helium

15. What unit of measurement is employed to measure the astronomical distance?

    (A) Light Year

    (B) Black hole

    (C) Kelvin

    (D) None of the above

16. What causes tides in the ocean?

    (A) Kinetic Energy of the Ocean Water

    (B) Centripetal force between earth and moon

    (C) Gravitational interaction between the Earth and the Moon

    (D) Gravitational interaction between the Earth and the Sun

17. What is the other name used for Old Stone Age?

    (A) Mesolithic Era

    (B) Palaeolithic Era

    (C) Neolithic Era

    (D) Ancient Age

18. "Education should be a social process" — who emphasised that?

    (A) Gandhi

    (B) Annie Besant

    (C) Pestalozzi

    (D) Dewey

19. Which body organ is most impacted by heavy alcohol consumption?

    (A) Liver

    (B) Stomach

    (C) Spleen

    (D) Lungs

20. When did the Indian government pass the Environment Act?

    (A) 1986

    (B) 1996

    (C) 2006

    (D) 2016

21. What is the full form of IAEA?

    (A) International Atomic Energy Act

    (B) International Atomic Energy Accord

    (C) International Atomic Energy Agency

    (D) International Atomic Eastern Agency

22. What is/are the main centre(s) of informal education?

    (A) Society

    (B) Radio/TV/Web

    (C) Family

    (D) All of the above

23. In which year Bengal Sati Regulation Act was passed?
    (A) 1819
    (B) 1829
    (C) 1839
    (D) 1849

24. Which is the first cereal used by man?
    (A) Rice
    (B) Millet
    (C) Barley
    (D) Oats

25. Who was the first Muslim general to invade Indian subcontinent?
    (A) Muhammad bin Qasim
    (B) Muhammad Ghaznavi
    (C) Muhammad Ghori
    (D) Qutbuddin Aibak

26. The 1857 war of independence was started by _____
    (A) The Peasants
    (B) The Sepoys
    (C) The Plantation Workers
    (D) The Zamindars

27. Which king of Kashmir is popularly known as 'Bod Shah' ?
    (A) Sultan Alau'd-Din
    (B) Sultan Shibu'd-Din
    (C) Sultan Qutubu'd-Din
    (D) Sultan Zain-ul-Abidin

28. What was the post Second World War rivalry between the USA and USSR called?
    (A) Cold War
    (B) Warm War
    (C) Economic War
    (D) Apartheid Clash

29. How many galaxies exist in the observable universe according to current scientific understanding?
    (A) 10 million
    (B) 10 billion
    (C) 10 trillion
    (D) 10 zillion

30. What is the basic unit of home electricity consumption?
    (A) Joule hour
    (B) Kilowatt
    (C) Kilowatt-hour (kWh)
    (D) Watt

31. What is the antonym of Stale?
    (A) Old
    (B) Break
    (C) Tale
    (D) Fresh

32. His application for a visa was turned _____ by the consulate.
    (A) out
    (B) over
    (C) down
    (D) aside

33. He ate the burger. Point out the predicate :
    (A) he
    (B) ate
    (C) the
    (D) burger

34. Shagufta _____ to buy the new dress she wants.

(A) doesn't have money enough

(B) isn't enough money

(C) doesn't have enough money

(D) don't have enough money

35. There are strange sounds coming _____ the jungle.

(A) in

(B) at

(C) from

(D) to

36. Looking at a portrait of a man Hamid said, His mother is the wife of my father's son brother and sister I have none, at whose portrait was Hamid looking?

(A) His son

(B) His cousin

(C) His uncle

(D) His nephew

37. Take the odd one out: 121, 143, 165, 186, 209

(A) 143

(B) 165

(C) 186

(D) 209

38. If A is to the south of B and C is to the east of B, in what direction is A with respect to C?

(A) North-East

(B) North-West

(C) South-East

(D) South-West

39. If in a code language, COULD is written as BNTKC and MARGIN is written as LZQFHM, how will MOULDING be written in that code?

(A) CHMFINTK

(B) LNKTCHMF

(C) LNTKCHMF

(D) NITKHCMF

40. In this question, four words have been given, out of which three are alike in some manner and the fourth one is different. Choose out the odd one :

(A) Tortoise

(B) Hen

(C) Snake

(D) Whale

41. The full form of TCP is _____.

(A) Transmission Control Protocol

(B) Transfer Control Protocol

(C) Transformation Commission Principles

(D) Translation Control Principles

42. The number of characters in 8-bit ASCII code is

(A) 64

(B) 128

(C) 256

(D) 512

43. Which of the following is not a web browser?

(A) Firefox

(B) Facebook

(C) Chrome

(D) Safari

44. Which of the following is higher grade intel processor?
    - (A) Intel i5 12th generation
    - (B) Intel i7 10th generation
    - (C) Intel Core2duo
    - (D) Intel dual core

45. ICT refers to all the methods, tools and concepts related to _____.
    - (A) Recording digital information
    - (B) Sending digital information
    - (C) Storing digital information
    - (D) All of the above

46. Which country won the Football World Cup - 2022?
    - (A) Argentina
    - (B) France
    - (C) Brazil
    - (D) Portugal

47. On which of the following dates war between Ukraine and Russia started?
    - (A) 24 January 2022
    - (B) 24 February 2022
    - (C) 24 March 2022
    - (D) 24 April 2022

48. Who bought social network 'Twitter' in the year 2022?
    - (A) Elon Musk
    - (B) Bill Gates
    - (C) Jeff Bezos
    - (D) All of the above bought it together

49. Which former Prime Minister of Japan was shot dead in the year 2022?
    - (A) Fumio Kishida
    - (B) Shinzo Abe
    - (C) Yoshihiko Noda
    - (D) Naoto Kan

50. Which of the following US Democrat's short visit to Taiwan brought one of the tenser moments of 2022?
    - (A) Kevin McCarthy
    - (B) Rich Hudson
    - (C) Barbara Lee
    - (D) Nancy Pelosi

51. Bibliothèque nationale is the national library of _____.
    - (A) USA
    - (B) Germany
    - (C) France
    - (D) Ireland

52. The first public library in Jammu & Kashmir was established by the then ruler, Maharaja Ranbir Singh in 1879 at _____.
    - (A) Jammu
    - (B) Srinagar
    - (C) Ladakh
    - (D) Mirpur

53. Which one of the tools a library user makes use of to search required documents possessed by the library?
    - (A) Bay Guides
    - (B) OPAC
    - (C) Classification scheme
    - (D) All of the above

54. Which is the oldest library of the world that is still in operation?
    - (A) Library of Pergamum (Turkey)
    - (B) Saint Catherine's Monastery Library (Egypt)
    - (C) Library of Alexandria (Egypt)
    - (D) Al-Qarawiyyin Library (Morocco)

55. What is a Braille library?

    (A) Library for special children

    (B) Library for Physically challenged

    (C) Library for blind

    (D) None of the above

56. The book "War and Peace" is authored by _____.

    (A) Charles Dickens

    (B) Leo Tolstoy

    (C) William Wordsworth

    (D) Shakespeare

57. The book titled "The Third Wave: The Classic Study of Tomorrow" is written by :

    (A) Samuel W. Green

    (B) Samuel Huntington

    (C) Anna Konica

    (D) Alvin Toffler

58. Which one of the following books is authored by Dominique Lapierre and Larry Collins?

    (A) Freedom at Midnight

    (B) Mein Kampf

    (C) Paradise Lost

    (D) God of Small Things

59. Who has authored the book titled "Last Mughal"?

    (A) Susmita Basu Majumdar

    (B) William Dalrymple

    (C) Thomas Koonammakkal

    (D) A. G. Noorani

60. "Wings of Fire", is the autobiography of _____

    (A) P. J. Abdul Kalam

    (B) Maulana Abul Kalam Azad

    (C) Dr. Zakir Hussain

    (D) Dr. M.Y. Qureshi

ROUGH WORK

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1. Which of the following spectral series of Hydrogen atom lies in the visible region of electromagnetic radiation ?

   (A) Lyman

   (B) Brackett

   (C) Paschen

   (D) Balmer

2. Who gave Mirza Ghalib the title of *"Mirza Nosha"* ?

   (A) Fakhr-ud Din Mirza

   (B) Bahadur Shah Zafar

   (C) Sir Syed Ahmad Khan

   (D) Shah Alam

3. Match the poems against the names of their respective poets :

   (a) The Pains of Sleep   (i)   Samuel Taylor Coleridge

   (b) The Masque of Anarchy   (ii)   John Keats

   (c) Sleep and Poetry   (iii)   Percy Bysshe Shelley

   (d) Childe Harold's Pilgrimage   (iv)   Lord Byron

         (a)   (b)   (c)   (d)

   (A)   (i)   (iii)   (ii)   (iv)

   (B)   (iii)   (ii)   (iv)   (i)

   (C)   (i)   (ii)   (iii)   (iv)

   (D)   (ii)   (i)   (iii)   (iv)

4. *"A Vindication of the Rights of Woman"* has been authored by :

   (A) Simon De Beauvoir

   (B) Mary Wollstonecraft

   (C) J.S. Mill

   (D) Sarojini Naidu

5. The famous Airlines, *Lufthansa* has its registered office and corporate headquarters located in :

   (A) Hamburg

   (B) Berlin

   (C) Bremerhaven

   (D) Cologne

6. What is the motto of *University Grants Commission* ?

   (A) Gyan-Vigyan Vimuktaye

   (B) Gyanum Darshanum Vimuktaye

   (C) Vigyan-Darshan Vimuktaye

   (D) Vigyanum-Gyanum Vimuktaye

7. Match the following :

   (a) North Korea   (i)   Land of Smiles

   (b) Thailand   (ii)   Land of Blue Sky

   (c) Mongolia   (iii)   The Hermit Kingdom

   (d) Indonesia   (iv)   Emerald of the Equator

         (a)   (b)   (c)   (d)

   (A)   (i)   (iv)   (ii)   (iii)

   (B)   (iv)   (ii)   (iii)   (i)

   (C)   (ii)   (iv)   (i)   (iii)

   (D)   (iii)   (i)   (ii)   (iv)

8. Who among the following is the youngest *Nobel Prize Winner in the field of Physics* (as of 2020) ?

   (A) Tsung-Dao Lee

   (B) William Lawrence Bragg

   (C) Carl D. Anderson

   (D) Paul A.M. Dirac

9. *Rights of Persons with Disabilities Act*, 2016 was passed by Indian Parliament on :

(A) 14 December 2016

(B) 15 December 2016

(C) 16 December 2016

(D) 17 December 2016

10. The term *"Autodidacticism"* most aptly refers to :

(A) Rafting Skills

(B) Research Writing

(C) Swimming Skills

(D) Self- Education

11. Bengali romance novel *Devdas* is written by :

(A) Sarat Chandra Chatterjee

(B) Bankim Chandra Chatterjee

(C) Upendrakishore Ray Chowdhury

(D) Pramatha Chaudhuri

12. The two famous sculpted and best-known works, *"Pietà"* & *"David"* are associated with :

(A) Leonardo da Vinci

(B) Tiberio Calcagni

(C) Michelangelo

(D) Giacomo della Porta

13. Who is the composer of the epic poem, *Ramcharitmanas* ?

(A) Valmiki

(B) Tulsidas

(C) Krishna Dvaipayana

(D) Kachiyapper

14. The width of a rectangle is 10 meters, and the area of the rectangle is equal to the area of a square whose side is 4 meters. What is the length (in meters) of the rectangle ?

(A) 1

(B) 1.4

(C) 1.6

(D) 2

15. Who among the following is considered as the *"Most Decorated Olympian"* ?

(A) Michael Phelps

(B) Lance Armstrong

(C) Usain Bolt

(D) Carl Lewis

16. Which Emily Brontë novel concerns *Heathcliff* and *Cathy Earnshaw* ?

(A) Jane Eyre

(B) Wuthering Heights

(C) Far from the Madding Crowd

(D) Agnes Grey

17. According to Jean Piaget, *what process goes through sensorimotor, preoperational, concrete operational, and formal operational stages* ?

(A) Grief

(B) Mental growth of children

(C) Treatment of the mentally ill

(D) Behaviour modification

18. *"Perito Moreno Glacier"* is located in :

(A) Canada

(B) Australia

(C) Argentina

(D) Switzerland

19. Match the following personalities against the places where they were born :

(a) Johannes Kepler   (i) Italy
(b) Galileo   (ii) Poland
(c) Nicolaus Copernicus   (iii) Germany
(d) Henry Norris Russell   (iv) United States

      (a)   (b)   (c)   (d)
(A) (i) (ii) (iv) (iii)
(B) (ii) (i) (iii) (iv)
(C) (iv) (ii) (i) (iii)
(D) (iii) (i) (ii) (iv)

20. Biographical film, *Thalaivi* starring Kangana Ranaut is about the life of which famous politician ?
(A) V. N. Janaki
(B) Akkamma Devi
(C) V. Jeyalakshmi
(D) Jayaram Jayalalithaa

21. *GATT* is the predecessor of which of the following organization ?
(A) WTO
(B) ASEAN
(C) ADB
(D) IFM

22. Who has authored the book, *"End of Ideologies"* ?
(A) Karl Marx
(B) Friedrich Engels
(C) Daniel Bell
(D) Sigmund Freud

23. Who among the following has propounded the concept of *"End of History"* ?
(A) Edward Said
(B) Francis Fukuyama
(C) Noam Chomsky
(D) Robert Kaplan

24. *Picric Acid* is :
(A) 2-nitrophenol
(B) 4-nirophenol
(C) 2, 6-dintrophenol
(D) 2, 4, 6-trinitrophenol

25. The process of nutrient enrichment of water and subsequent loss of species diversity is referred to as :
(A) Nitrification
(B) Biomagnification
(C) Eutrophication
(D) Bioconcentration

26. *Quiescent Centre* is found in plants at :
(A) Root Tip
(B) Shoot Tip
(C) Cambium
(D) Leaf Tip

27. *Kranz Type* of anatomy is found in :
(A) C4 Plants
(B) C3 Plants
(C) Succulents
(D) None

28. *"Ramachandran Plot"* is used to confirm the structure of :
(A) DNA
(B) RNA
(C) Proteins
(D) None

29. With the rise in temperature, the *coefficient of viscosity* of a gas :
(A) Increases
(B) Decreases
(C) Does not change
(D) None

30. Tusks of elephants are modified :
    (A) Molars
    (B) Canines
    (C) Premolars
    (D) Incisors

31. Which among the four spells correct ?
    (A) Conscientious
    (B) Consceintious
    (C) Conscientoius
    (D) Consientious

32. What does *"Have/get/feel butterflies in your stomach"* mean ?
    (A) To feel hungry
    (B) To feel nervous/excited
    (C) To feel sleepy
    (D) To feel ambitious

33. You're not that good at singing- _____ yourself!
    (A) Get rid of
    (B) Get over
    (C) Get out
    (D) Get lost

34. He has scarcely _____ money.
    (A) Any
    (B) No
    (C) Not
    (D) None

35. The word *"Hallelujah"* means :
    (A) God is Ubiquitous
    (B) Praise be to God
    (C) God is Love
    (D) Condemn the Devil

36. Six friends are sitting before a dining table in the following order. B is sitting opposite to D. E is sitting opposite to C. A is on the extreme left end of the table facing F. Who is sitting on the right-hand side of F ?
    (A) B
    (B) E
    (C) D
    (D) C

37. Complete the sequence: 1, 2, 6, 24, 120, _____.
    (A) 360
    (B) 720
    (C) 600
    (D) 640

38. Raheem started walking from his house. He first walked for 3 km towards west, then he turned towards north and moved 4km in that direction. How far Raheem is from his house ?
    (A) 3 km South
    (B) 3 km North
    (C) 5 km South West
    (D) 5 km North West

39. The age of the father 5 years ago was 4 times the age of his son. At present the father's age is 3 times that of his son. What are the present ages of the father and the son ?
    (A) S-12; F-36
    (B) S-10; F-30
    (C) S-15; F-45
    (D) S-11; F-33

40. MNOP : HIJK :: STUV : ?
    (A) QRST
    (B) NOPQ
    (C) ONPQ
    (D) PNOQ

41. The famous *"Content Platform"* Netflix was founded by :

(A) Reed Hastings & Marc Randolph

(B) Jack Dorsey & Evan Williams

(C) Sören Hofmayer & Horst Fickenscher

(D) Zhang Yiming

42. Who coined the term *"Deep Web"* ?

(A) Narinder Singh Kapany

(B) Michael K. Bergman

(C) Daniel Colladon

(D) Jacques Babinet

43. Full form of *JSON,* a lightweight data-interchange format is :

(A) Java Source Object Notation

(B) Java Source Objective Notation

(C) JavaScript Object Notation

(D) Java Set Objective Notation

44. In the context of computing, the term *Worm – a self-replicating program*, was first used in which famous *science fiction novel* ?

(A) The Shockwave Rider

(B) The Time Machine

(C) Edge of Tomorrow

(D) The Outer Limits

45. Famous video-sharing social networking service, *TikTok* is owned by :

(A) ByteDance

(B) Suning.com

(C) Tencent

(D) Alibaba

46. Which among the following is not a COVID-19 Vaccine ?

(A) Pfizer

(B) Covishield

(C) Astrozeneca

(D) Imovax

47. Which among the following countries is not an ally to *"TAKM - Organization of the Eurasian Law Enforcement Agencies"* (as of 2020) ?

(A) Turkey

(B) Azerbaijan

(C) Kyrgyzstan

(D) India

48. Theme for the *"International Women's Day 2021"* ?

(A) Choose to Challenge

(B) Each for Equal

(C) Balance for Better

(D) Generation Equality

49. Who won the *Femina Miss India* title for the year 2020 ?

(A) Manushi Chhillar

(B) Suman Rao

(C) Shreya Shanker

(D) Manasa Varanasi

50. Who among the following earned a whopping *25 Billion Dollars* in a single day ?

(A) Jeff Bezos

(B) Bill Gates

(C) Elon Musk

(D) Mark Zuckerberg

51. Match the libraries against their year of establishment :

    (a) British Library   (i)   1948
    (b) Library of Congress   (ii) 1973
    (c) Swiss National Library   (iii) 1800
    (d) National Diet Library   (iv) 1895

          (a)   (b)   (c)   (d)
    (A)   (i)   (ii) (iii) (iv)
    (B)   (ii) (iii) (iv) (i)
    (C)   (iii) (ii) (i)   (iv)
    (D)   (iv) (i)   (ii) (iii)

52. The art of compiling a dictionary is known as :
    (A) Lexicography
    (B) Ethnography
    (C) Bibliography
    (D) Biography

53. Which among the following is also known as a *"Geographical Dictionary"* ?
    (A) Encyclopedia
    (B) Treatise
    (C) Gazetteer
    (D) None

54. *"National Digital Library Program"* is associated with :
    (A) Library of Congress
    (B) The British Library
    (C) National Library of India
    (D) The National Library of Russia

55. The origin of the *National Library* of India is traced to the former :
    (A) Calcutta Public Library
    (B) Delhi Public Library
    (C) Allahabad Public Library
    (D) Anna Centenary Library

56. Match the following novels with the characters revolving around them :

    (a) *Anna Karenina*   (i)   Jean Louise
    (b) *To Kill a Mockingbird* (ii) Konstantin Levin
    (c) *A Passage to India*   (iii) Cyril Fielding
    (d) *Beloved*   (iv) Sethe

          (a)   (b)   (c)   (d)
    (A)   (ii) (i)   (iii) (iv)
    (B)   (i)   (ii) (iv) (iii)
    (C)   (iii) (i)   (iv) (ii)
    (D)   (iv) (ii) (i)   (iii)

57. What was the profession of *John Watson*, Sherlock Holmes's friend and helper ?
    (A) Speleologist
    (B) Physician
    (C) Astronomer
    (D) Gunsmith

58. Who is the author of the famous book, *"Twelve Rules for Life"* ?
    (A) Jordan Peterson
    (B) Ben Shapiro
    (C) Sam Harris
    (D) Robin Sharma

59. *"Home in the World: A Memoir"* has been authored by :
    (A) Arundhati Roy
    (B) Amartya Sen
    (C) Fareed Zakaria
    (D) Chetan Bhagat

60. Who is the author of the famous novel, *"Untouchable"* ?
    (A) R.K. Narayan
    (B) Sarojini Naidu
    (C) Abdul Kalam Azad
    (D) Mulk Raj Anand

ROUGH WORK

ENTRANCE TEST-2020

SCHOOL OF SOCIAL SCIENCES

LIBRARY AND INFORMATION SCIENCE

			Question Booklet Series	**A**

Total Questions : 60

Time Allowed : 70 Minutes

Roll No. : ☐☐☐☐☐☐

SEAL

Instructions for Candidates :

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1. Which among the following does not belong to the *Lanthanide* series ?

   (A) Cerium

   (B) Neodymium

   (C) Holmium

   (D) Uranium

2. Oxygen is not produced during photosynthesis by :

   (A) Green sulphur bacteria

   (B) Nostoc

   (C) Cycas

   (D) Chara

3. Who is the author of *Mahabharata* ?

   (A) Valmiki

   (B) Veda Vyasa

   (C) Ashvaghosha

   (D) Kalidas

4. *Carbon Tetra Chloride* has no net dipole moment because :

   (A) it has planar structure

   (B) it has regular tetrahedral structure

   (C) of similar sizes of carbon and chlorine atoms

   (D) of similar electron affinities of carbon and chlorine

5. Which Bollywood movie directed by Vishal Bharadwaj is based on the famous tragic play of William Shakespeare, "*Othello*" ?

   (A) Omkara

   (B) Maqbool

   (C) Haider

   (D) 7 Khoon Maaf

6. The chromosomal complement of individuals with *Turner's Syndrome* is :

   (A) 44 A+XX

   (B) 44 A+XY

   (C) 44 A+XO

   (D) 44 A+XXY

7. Which of the following immunoglobulins does constitute the largest percentage in human milk (colostrum) ?

   (A) IgA

   (B) IgG

   (C) IgD

   (D) IgM

8. Match the following :

   A. The Times of India   i. New Delhi
   B. The Hindu   ii. Kanpur
   C. Hindustan Times   iii. Chennai, Tamil Nadu
   D. Dainik Jagran   iv. Mumbai, Maharashtra

   (A) A, iv; B, iii; C, ii; D, i

   (B) A, iv; B, iii; C, i; D, ii

   (C) A, iii; B, i; C, ii; D, iv

   (D) A, iii; B, iv; C, ii; D, i

9. *Keoladeo Ghana Bird Sanctuary* is situated in which place ?

   (A) Haryana

   (B) Kerala

   (C) Rajasthan

   (D) Gujarat

10. IUCN has its headquarters in :

   (A) Switzerland

   (B) Germany

   (C) France

   (D) Belgium

11. Which of the following is not common between chlorophyll A and B ?

(A) Aldehyde group

(B) Phytol chain

(C) Magnesium

(D) Tetrapyrrole ring

12. In Breeder reactors, the coolant used is :

(A) An alloy of Na and K

(B) Cadmium

(C) Graphite

(D) Heavy water

13. Which of the following is an example of pre-historic plants ?

(A) Protosalvinia

(B) Glossopteris

(C) Pachypteris

(D) All

14. According to Roman Mythology, who is considered as *The God of Sky and Thunder* ?

(A) Mars

(B) Jupiter

(C) Neptune

(D) Mercury

15. Which among the following is not a prime number ?

(A) 9

(B) 7

(C) 5

(D) 2

16. The force of friction that comes into play between two surfaces in contact before the actual motion starts is known as :

(A) Static Friction

(B) Sliding Friction

(C) Limiting Friction

(D) Kinetic Friction

17. Which famous poet has *"Kubla Khan"* to his credit ?

(A) Shelley

(B) Yeats

(C) Keats

(D) Coleridge

18. One of the greatest love poems in Urdu literature, *Muamlat-e-Ishq* has been written by which famous poet ?

(A) Mirza Ghalib

(B) Mir Taqi Mir

(C) Mirza Rafi Sauda

(D) Khwaja Haider Ali Atish

19. The greatest volume of a circular cylinder whose total surface area is 2π, is :

(A) $\dfrac{2\pi}{3\sqrt{3}}$

(B) $\dfrac{2\pi}{3}$

(C) $\dfrac{2\pi}{\sqrt{3}}$

(D) $\dfrac{4\pi}{3\sqrt{3}}$

20. Which leading Indian actor played the role of Swami's father in the Indian television series, *Malgudi Days*, based on the works of R.K. Narayan ?

(A) Deven Bhojani

(B) Harish Patel

(C) Girish Karnad

(D) Shankar Nag

21. *Al-Ghazali*, one of the renowned *Islamic* philosophers was of _____ origin.

    (A) Egyptian

    (B) Persian

    (C) Arabic

    (D) None

22. *Chandragupta Maurya*, the founder of Maurya Empire was born in _____.

    (A) Pataliputra

    (B) Pistapura

    (C) Pushkalavati

    (D) Purushapura

23. The value of escape velocity from the surface of earth is :

    (A) 10.2 Km/sec.

    (B) 11.2 Km/sec.

    (C) 13.2 Km/sec.

    (D) 14.2 Km/sec.

24. If the population of a village was 10,000 in 2000 and its population increased by 15% between 2000 and 2010, what was the population of the village in 2010 ?

    (A) 11,500

    (B) 12,500

    (C) 11,000

    (D) 13,500

25. The famous concept of *Clash of Civilizations* was given by _____.

    (A) Samuel P. Huntington

    (B) Francis Fukuyama

    (C) Edward Said

    (D) Joseph Nye

26. What is the number of states remaining in the *European Union* after Brexit ?

    (A) 24

    (B) 25

    (C) 26

    (D) 27

27. Which among the following countries is known as the *"Graveyard of Empires"* ?

    (A) Iran

    (B) Turkey

    (C) Afghanistan

    (D) Syria

28. What was the code name of the first *Nuclear Test* conducted by India in 1974 ?

    (A) Smiling Ganesha

    (B) Smiling Buddha

    (C) Smiling Hanuman

    (D) Smiling Krishna

29. The predecessor of the present-day global organization, United Nations was :

    (A) League of Nations

    (B) Warsaw Treaty Organization

    (C) NATO

    (D) ILO

30. What is the meaning of the famous German title, *"Mein Kampf"* ?

    (A) My Passion

    (B) My Struggle

    (C) My Courage

    (D) My Pain

31. Which among the following spells correct ?

    (A) Tomorrow

    (B) Tommorrow

    (C) Tommorow

    (D) Tomorow

32. A _____ of *gypsies*.

    (A) tribe

    (B) choir

    (C) caravan

    (D) horde

33. The captain along with the crew members _____ drowned into the sea.

    (A) has

    (B) have

    (C) were

    (D) none

34. Words which produce same pronunciation with different meanings are known as _____.

    (A) Synonyms

    (B) Homonyms

    (C) Antonyms

    (D) Consonants

35. What is the appropriate meaning of the idiom "*Kitchen Sink*" ?

    (A) Almost Nothing

    (B) Almost Everything

    (C) Almost Something

    (D) Confused

36. NOPQ : PMRO :: ABCD : ?

    (A) CZEB

    (B) CDEF

    (C) YZAB

    (D) CDAB

37. Robinson travels 10 km North turns left and travels 4 km and then again turns right and covers another 5 km. He then turns to righthand side and travels another 4 km. How far is he from the point of starting his journey ?

    (A) 15 km

    (B) 4 km

    (C) 5 km

    (D) 10 km

38. The age of father 5 years ago was 5 times the age of his son. At present the father's age is 3 times that of his son. What are the present ages of the son and the father ?

    (A) s–10, f–30

    (B) s–5, f–28

    (C) s–15, f–45

    (D) None

39. *AFFLUENT* is related to *LUCK* in the same way as *IMPOVERISHED* is related to :

    (A) Cruelty

    (B) Laziness

    (C) Stinginess

    (D) Greedy

40. 2, 3, 6, 18, ?, 1944 :

    (A) 315

    (B) 108

    (C) 254

    (D) 180

41. Pick the odd one out :

    (A) Mozilla Firefox

    (B) Internet Explorer

    (C) Chrome

    (D) HTML

42. At which university, *Google*, a leading search engine made its debut ?
    - (A) Michigan
    - (B) Harvard
    - (C) Stanford
    - (D) Oxford

43. Who are the original authors of the commonly used *WhatsApp* ?
    - (A) Brian Acton and Jan Koum
    - (B) Sergy Brin and Larry Page
    - (C) Biz Stone and Evan Williams
    - (D) Jack Dorsey and Noah Glass

44. Who is the current chairman of Apple Inc., a multinational technology company ?
    - (A) Steve Jobs
    - (B) Steve Wozniak
    - (C) Ronald Wayne
    - (D) Arthur D. Levinson

45. Who coined the term "*hypertext*" ?
    - (A) Ted Nelson
    - (B) Tim Berners Lee
    - (C) Robert Cailliau
    - (D) Andries Van Dam

46. Who won the *Best Supporting Actor* (*Male*) at the 92ⁿᵈ Academy Awards ?
    - (A) Joe Pesci
    - (B) Tom Hanks
    - (C) Anthony Hopkins
    - (D) Brad Pitt

47. "*2022 FIFA World Cup*" is scheduled to take place in _____ .
    - (A) Jordan
    - (B) Qatar
    - (C) United Arab Emirates
    - (D) Morocco

48. Virat Kohli, regarded as one of the best batsmen in the world plays for _____ in the *Indian Premier League* (*IPL*).
    - (A) Royal Challengers Bangalore
    - (B) Rajasthan Royals
    - (C) Chennai Super Kings
    - (D) Kolkata Knight Riders

49. What was the launch date of the *Chandrayaan-2* administered by Indian Space Research Organization (ISRO) ?
    - (A) 21 July 2019
    - (B) 22 July 2019
    - (C) 23 July 2019
    - (D) 24 July 2019

50. Along with *M. John Goodenough* and *Akira Yoshino* who won the *Nobel Prize in Chemistry* for the year 2019 for the development of *lithium-ion batteries*.
    - (A) Stanley Whittingham
    - (B) Abiy Ahmed
    - (C) James Peebles
    - (D) Didier Queloz

51. Which is not a *National Depository Library of India* ?
    - (A) Connemara Public Library
    - (B) Asiatic Society of Bombay
    - (C) National Library of India
    - (D) Rampur Raza Library

52. What is the name of the *Central Library of University of Jammu* ?
    - (A) Indra Dhanush
    - (B) Dhanvantri
    - (C) Pustakalaya
    - (D) Kalanidhi

53. When is *Librarians Day* celebrated in India ?

    (A) 12th August

    (B) 13th August

    (C) 14th August

    (D) 18th August

54. To look for a *micro concept or a micro* idea in a document, it is always advisable to consult :

    (A) Table of contents

    (B) Preface

    (C) Abstract

    (D) Index

55. *Carla Hayden*, the first women librarian of the *Library of Congress* was appointed by which President of United States ?

    (A) Barack Obama

    (B) Ronald Reagan

    (C) Gerald Rudolph Ford Jr.

    (D) Donald Trump

56. Match the following :

    A. Emily Durkheim   i.   The Theory of Moral Sentiments

    B. August Comte   ii. The Communist Manifesto

    C. Karl Marx   iii. The Course in Positive Philosophy

    D. Adam Smith   iv. The Division of Labour in Society

    (A) A, iv; B, iii; C, ii; D, i

    (B) A, ii; B, i; C, iii; D, iv

    (C) A, i; B, ii; C, iv; D, iii

    (D) A, i; B, ii; C, iii; D, iv

57. Match the following :

    A. The Testaments   i.   Bernardine Evaristo

    B. Girl, Women, Other   ii. Margaret Atwood

    C. An Orchestra of the Minorities   iii. Salman Rushdie

    D. Quichotte   iv. Chigozie Obioma

    (A) A, iv; B, i; C, iii; D, ii

    (B) A, ii; B, i; C, iv; D, iii

    (C) A, i; B, iii; C, iv; D, ii

    (D) A, i; B, iii; C, ii; D, iv

58. Who is the author of the book, "*Left, Right and Centre: The Idea of India*" ?

    (A) Nidhi Razdan

    (B) Barkha Dutt

    (C) Rajdeep Sardesai

    (D) Arnab Goswami

59. Match the following :

    A. Wuthering Heights   i.   Margaret Mitchell

    B. The Alchemist   ii. Aldous Huxley

    C. Gone with the Wind iii. Emily Bronte

    D. Brave New World   iv. Paulo Coelho

    (A) A, iii; B, iv; C, i; D, ii

    (B) A, ii; B, i; C, iii; D, iv

    (C) A, i; B, ii; C, iv; D, iii

    (D) A, iii; B, ii; C, iv; D, i

60. Match the following :

    A. Long Walk to Freedom   i.   Ken Follett

    B. The Daughter of Time   ii. Agatha Christie

    C. The Mysterious Affair at Styles   iii. Josephine Tey

    D. Eye of the Needle   iv. Nelson Mandela

    (A) A, iv; B, iii; C, ii; D, i

    (B) A, iv; B, i; C, iii; D, ii

    (C) A, iv; B, ii; C, i; D, iii

    (D) A, iii; B, ii; C, i; D, iv

1. Motion that is repeated at regular intervals is termed as :

(A) Vibration

(B) Oscillation

(C) Ventilation

(D) Periodic motion

2. ASCII stands for :

(A) American Stable Code for International Interchange

(B) American Standard Case for Institutional Interchange

(C) American Standard Code for Information Interchange

(D) American Standard Code for Interchange Information

3. Which of the following is a social media tool ?

(A) Facebook

(B) Twitter

(C) Both (A) and (B)

(D) None of the above

4. Wiki-pedia has become a popular information source among the people. Word "Wiki" means :

(A) Quick

(B) Attractive

(C) Decorative

(D) All of the above

5. Who among the following was the President of India ?

(A) Lal Krishan Advani

(B) Manmohan Singh

(C) Subramanian Swamy

(D) Zail Singh

6. The social science that studies the origins and social relationships of human beings is _____.

(A) Anthropology

(B) Archaeology

(C) Morphology

(D) Ecology

7. $E=mc^2$ is given by :

(A) Newton

(B) Einestein

(C) Rutherford

(D) None of the above

8. Which of the following pairs of States of India indicates the Eastern most and Western most State ?

(A) Assam and Rajasthan

(B) Arunachal Pradesh and Rajasthan

(C) Assam and Gujarat

(D) Arunachal Pradesh and Gujarat

9. Allama Iqbal Library located in University of Kashmir is _____.

(A) Public Library

(B) Academic Library

(C) Special Library

(D) None of the above

10. Sometimes another title follows the main title of a book, which is called :

(A) Series title

(B) Generic title

(C) Spine title

(D) Subtitle

11. Choose the word most nearly opposite to the given word "Dubious" :

(A) Reliable

(B) Pleasing

(C) Rhythmic

(D) Careful

12. Which of the following takes care of the Higher Education in India ?

(A) UGC

(B) NCERT

(C) DRDO

(D) ISRO

13. Intellectual Property Rights include the rights relating to :

(A) Scientific discoveries and inventions only

(B) Literary works only

(C) Performance of performing artists

(D) All the above

14. _____ is a self-written account of the life of a person.

(A) Autobiography

(B) History

(C) Bibliography

(D) Biography

15. WAN stands for :

(A) Wide Area Network

(B) Wap Area Network

(C) Wide Array Net

(D) Wireless Area Network

16. Quit India Movement was launched in response to :

(A) Cabinet Mission plan

(B) Cripps Proposal

(C) Simon Commission report

(D) Wavell plan

17. While working on Microsoft Word, which among the following is the command for "Undo" ?

(A) Cntrl+A

(B) Cntrl+Z

(C) Cntrl+Y

(D) Cntrl+C

18. The Narmada river flows to the west, while most other large peninsular rivers flow to the east. Why ?

1. It occupies a linear rift valley

2. It flows between the Vindhyas and the Satpuras

3. The land slopes to the west from central India

Select the correct answer using the codes given below :

(A) 1 only

(B) 2 and 3

(C) 1 and 3

(D) None

19. **Rajtarangni** is about :

(A) Kashmir

(B) Sri Lanka

(C) Bangladesh

(D) Afghanistan

20. The 2019 Cricket World Cup will be played in :
    (A) England and Wales
    (B) Australia
    (C) New Zealand
    (D) South Africa

21. Currency of Iraq is :
    (A) Dinar
    (B) Riyal
    (C) Toman
    (D) Dirham

22. Find the average of first 50 natural numbers :
    (A) 25
    (B) 26.5
    (C) 25.5
    (D) 25.7

23. The normal human chromosome diploid number is :
    (A) 46
    (B) 48
    (C) 24
    (D) 23

24. Demand for a commodity refers to :
    (A) Need for the commodity
    (B) Desire for the commodity
    (C) Amount of the commodity demanded at a particular price and at a particular time
    (D) Quantity demanded of that commodity

25. Socialization is :
    (A) The formation of an attachment bond between an infant and its carer
    (B) A tendency of social theorists to explain everything in terms of social causes
    (C) The process of becoming part of a society by learning its norms and values
    (D) The historical process by which societies change from traditional to modern

26. The defences to a negligence action do NOT include which of the following ?
    (A) Consent
    (B) Personal relationship between the parties
    (C) Contributory negligence
    (D) Necessity

27. In what **order** do managers typically perform the managerial functions ?
    (A) Organising, Planning, Controlling, Leading
    (B) Organising, Leading, Planning, Controlling
    (C) Planning, Organising, Leading, Controlling
    (D) Planning, Organising, Controlling, Leading

28. **Brittanica** as a source of information is :
    (A) Encyclopaedia
    (B) Directory
    (C) Yearbook
    (D) None of the above

29. Which one of the following agency works for the safe, secure and peaceful uses of nuclear science and technology contributing to international peace and security in the world ?
    (A) IAEA
    (B) FAO
    (C) WHO
    (D) ILO

30. Consider the following kinds of organisms :
    1. Bat
    2. Bee
    3. Bird
    Which of the above is/are pollinating agent/agents ?
    (A) 1 and 2 only
    (B) 2 only
    (C) 1 and 3 only
    (D) 1, 2 and 3

31. Rainbow is produced when sunlight falls on drops of rain. Which of the following physical phenomena are responsible for this ?
    1. Dispersion
    2. Refraction
    3. Internal reflection
    Select the correct answer using the codes given below :
    (A) 1 and 2 only
    (B) 2 and 3 only
    (C) 1 and 3 only
    (D) 1, 2 and 3

32. **"Swaraj is my birthright and I shall have it"**.
    This statement is attributed to :
    (A) Tilak
    (B) M.L. Nehru
    (C) Vivekanand
    (D) Gadar Party

33. **Diamond** is the Allotropic form of :
    (A) Carbon
    (B) Oxygen
    (C) Phosphorus
    (D) None of the above

34. **Wings of fire** is written by :
    (A) A.P.J. Abdul Kalam
    (B) Gandhiji
    (C) Indira Gandhi
    (D) Bill Gates

35. 'SWAYAM', an initiative of the Government of India, aims at :
    (A) Promoting the Self Help Groups in rural areas
    (B) Providing financial and technical assistance to young start-up entrepreneurs
    (C) Promoting the education and health of adolescent girls
    (D) Providing affordable and quality education to the citizens for free

36. For year 2017, The Nobel Prize in literature was awarded to :
    (A) Kazuo Ishiguro
    (B) Jacques Dubochet
    (C) Joachim Frank
    (D) Richard Henderson

37. **Branch of biology** concerned with the study of the structure of organisms and their parts is _____.
    (A) Physiology
    (B) Anatomy
    (C) Pathology
    (D) Immunology

38. Urdu is the official language of :
    (A) Himachal-Pradesh
    (B) J&K
    (C) Kerala
    (D) Delhi

39. Bali Jabraiel is associated with :
    (A) Ghalib
    (B) Hali
    (C) Iqbal
    (D) Sir Syed Ahmad Khan

40. National Library of India is located at :
    (A) Kolkata
    (B) UP
    (C) Haryana
    (D) Bihar

41. Who among the following is a poet ?
    (A) Milton
    (B) William Wordsworth
    (C) Shelley
    (D) All the above

42. Choose odd one out :
   (A) Holy Quran
   (B) Bagwad Geeta
   (C) Gitanjali
   (D) Granth Sahib

43. Cartography deals with :
   (A) Charts and Maps
   (B) Books
   (C) Newspapers
   (D) Dictionaries

44. Smallest Ocean in the world is :
   (A) Pacific Ocean
   (B) Atlantic Ocean
   (C) Arctic Ocean
   (D) Indian Ocean

45. Poetry of _____ is commonly known as *Wahk*.
   (A) Shiekh Noor-U-Din Wali
   (B) Habba Khatoon
   (C) Lal Ded
   (D) Gani Kashmiri

46. Library Catalogue is the _____.
   (A) List of documents on a particular subject
   (B) List of documents on a particular person
   (C) List of documents available in a library
   (D) None of the above

47. Plant Pathology deals with :
   (A) Cultivation of plants
   (B) Diseases of plants
   (C) Preservation of plants
   (D) None of the above

48. Last British Viceroy of India was :
   (A) Lord Canning
   (B) Lord Wavell
   (C) Lord Mountbatten
   (D) Lord Ripon

49. Which one of the following organs of UNO deals with education, culture and other related issues of the world ?
   (A) WHO
   (B) ILO
   (C) UNICEF
   (D) UNESCO

50. Bryophytes are associated to :
   (A) Zoology
   (B) Botany
   (C) Chemistry
   (D) None of the above

51. _____ is the spontaneous net movement of solvent molecules through a semipermeable membrane into a region of higher solute concentration, in the direction that tends to equalize the solute concentrations on the two sides.
   (A) Osmosis
   (B) Photosynthesis
   (C) Electrolysis
   (D) None of the above

52. Aquaculture deals with :
   (A) Science of the various kinds of serum
   (B) Artificial rearing of fish
   (C) Art of silkworm breeding
   (D) Study of various cultures of a society

53. Which of the following devices is a volatile storage ?

(A) RAM

(B) Hard disk

(C) Magnetic Tape

(D) Floppy disk

54. Choose odd one out :

(A) 15

(B) 37

(C) 29

(D) 19

55. _____ is used for knowing the meaning of words.

(A) Index

(B) Bibliography

(C) Abstract

(D) Dictionary

56. Which of the following is search engine ?

(A) Google

(B) Bing

(C) Altavista

(D) All of the above

57. Printing Press was invented in _____.

(A) Germany

(B) Italy

(C) France

(D) Britain

58. Where is the Library of Congress ?

(A) USA

(B) UK

(C) Russia

(D) China

59. ISSN (International Standard Serial Number) is associated with :

(A) Books

(B) Journals

(C) Both (A) and (B)

(D) None of the above

60. Who among the following was the last Maharaja of princely state of Jammu and Kashmir ?

(A) Gulab Singh

(B) Hari Singh

(C) Ranjit Singh

(D) Kishore Singh

ENTRANCE TEST-2017
SCHOOL OF SOCIAL SCIENCES
LIBRARY & INFORMATION SCIENCE

Question Booklet Series **A**

Total Questions :	60
Time Allowed :	70 Minutes

Roll No. :

Instructions for Candidates :

1. Write your Roll Number in the space provided at the top of this page of Question Booklet and fill up the necessary information in the spaces provided on the OMR Answer Sheet.

2. OMR Answer Sheet has an Original Copy and a Candidate's Copy glued beneath it at the top. While making entries in the Original Copy, candidate should ensure that the two copies are aligned properly so that the entries made in the Original Copy against each item are exactly copied in the Candidate's Copy.

3. All entries in the OMR Answer Sheet, including answers to questions, are to be recorded in the Original Copy only.

4. Choose the correct / most appropriate response for each question among the options A, B, C and D and darken the circle of the appropriate response completely. The incomplete darkened circle is not correctly read by the OMR Scanner and no complaint to this effect shall be entertained.

5. Use only blue/black ball point pen to darken the circle of correct/most appropriate response. In no case gel/ink pen or pencil should be used.

6. Do not darken more than one circle of options for any question. A question with more than one darkened response shall be considered wrong.

7. There will be 'Negative Marking' for wrong answers. Each wrong answer will lead to the deduction of 0.25 marks from the total score of the candidate.

8. Only those candidates who would obtain positive score in Entrance Test Examination shall be eligible for admission.

9. Do not make any stray mark on the OMR sheet.

10. Calculators and mobiles shall not be permitted inside the examination hall.

11. Rough work, if any, should be done on the blank sheets provided with the question booklet.

12. OMR Answer sheet must be handled carefully and it should not be folded or mutilated in which case it will not be evaluated.

13. Ensure that your OMR Answer Sheet has been signed by the Invigilator and the candidate himself/herself.

14. At the end of the examination, hand over the OMR Answer Sheet to the invigilator who will first tear off the original OMR sheet in presence of the Candidate and hand over the Candidate's Copy to the candidate.

1. Who defeated whom in the second Battle of Tarain (1192 A.D.)?

   (A) Mohammad Ghauri defeated Prithviraj

   (B) Prithviraj defeated Mahmud Ghazni

   (C) Mahmud Ghazni defeated Prithviraj

   (D) Prithviraj defeated Mohammad Ghauri

2. The Indus Valley Houses were built of

   (A) Wood   (B) Stones

   (C) Bricks   (D) Bamboos

3. Mughals used which of the following language in their Court?

   (A) Hindi   (B) Persian

   (C) Arabic   (D) Urdu

4. One of the following Muslim rulers introduced the system of Price Control for the first time

   (A) Jalaluddin Khalji

   (B) Muhammad-bin-Tughlaq

   (C) Alauddin Khalji

   (D) Balban

5. One of the following is credited to have found Din-i-Ilahi

   (A) Jehangir   (B) Shahjahan

   (C) Kabir   (D) Akbar

6. The holy Book 'Torah' is followed by which one of the following Communities?

   (A) Christians   (B) Jews

   (C) Buddhists   (D) Communists

7. "Envisioning and Empowered Nation" is a famous book written by

   (A) Atal Bihari Vajpayee

   (B) Dr. S. Radhakrishnan

   (C) Amartya Sen

   (D) Dr. A.P.J. Abdul Kalam

8. The author of the book "Jinnah: India-Partition-Independence" is

   (A) Atal Bihari Vajpayee

   (B) Yashwant Sinha

   (C) Jaswant Singh

   (D) Lt. Gen. S.K. Sinha

9. "One Hundred Years of Solitude", a famous novel was authored by

   (A) William Shakespeare

   (B) Gabriel Garcia Marquez

   (C) Rabindranath Tagore

   (D) Charles Dickens

10. 'A Tale of Two Cities' written by Charles Dickens is a famous and historical

   (A) Book   (B) Novel

   (C) Drama   (D) Journal

11. The Right to free education to children of 6 years to 14 years of age has been granted vide 86th Constitutional Amendment, 2002

   (A) Outlined in the Preamble of the Constitution

   (B) Made a Fundamental Right

   (C) Enshrined in the Directive Principles of State Policy

   (D) Ignored by the Constitution

12. The Philosopher President of India was

   (A) Dr. Fakhruddin Ali Ahmad

   (B) Dr. S. Radhakrishnan

   (C) Dr. Rajendra Prasad

   (D) V. V. Giri

13. In India, the Code of Conduct of political parties during elections is prescribed by

(A) Union Cabinet

(B) Speaker of Lok Sabha in consultation with all the recognized political parties

(C) Election Commission

(D) President of India

14. In order to curb the menace of corruption, Modi Government implemented Demonetization on

(A) 9 December, 2016 (B) 8 December, 2016

(C) 9 November, 2016 (D) 8 November, 2016

15. The newly elect American president Donald Trump was basically a

(A) Politician (B) Business man

(C) Educationist (D) Bureaucrat

16. The National Apex Body for assessment, monitoring and control of water and air pollution is

(A) Supreme Court

(B) Ministry of Science and Technology

(C) Centre Pollution Control Board

(D) Ministry of Environment and Forests

17. The word 'Silviculture' is linked with one of the following

(A) Grape Production

(B) Forest Development

(C) Silk Worm Rearing

(D) Flower Production

18. The degree of inflation is measured with the help of

(A) Income index number

(B) Prices of goods and services

(C) Market information

(D) General price index number

19. Of the following, find the odd one out

(A) SEBI (B) DSE

(C) BSE (D) NSE

20. In any country's economic growth, the most appropriate measure is its

(A) Net Domestic Product

(B) Gross Domestic Product

(C) Per Capita Real Income

(D) Net National Product

21. Which one of the following is the largest library in the world?

(A) British Library

(B) Russian State Library

(C) National Library of China

(D) Library of Congress

22. National Library of India is located in the State

(A) New Delhi (B) Kolkata

(C) Madras (D) Maharashtra

23. Name the country where The Great Library of Alexandra exists

(A) Egypt (B) Saudi Arabia

(C) China (D) None of the above

24. Which among the following is the largest University Library in Jammu and Kashmir State?

(A) Central Library, Sher-i-Kashmir University of Agricultural Sciences and Technology, Kashmir

(B) Central Library, Shri Mata Vaishno Devi University, Katra

(C) Allama Iqbal Library, University of Kashmir

(D) Central Library, University of Jammu

25. Khuda Baksh Oriental Public Library is located in

   (A) New Delhi   (B) Jammu

   (C) Mumbai   (D) Patna

26. The searching tool used in the libraries to locate a book is called

   (A) Catalogue   (B) Index

   (C) Bibliography   (D) Abstract

27. Plants make their food by a process called Photosynthesis through

   (A) ATP   (B) Mitochondria

   (C) Vacuole   (D) Chlorophyll

28. The branch of biology that deals with the study of animal cells is called

   (A) Cytology   (B) Physiology

   (C) Pathology   (D) Anatomy

29. One among the following belongs to class Mammalian, please choose

   (A) Pigeon   (B) Bat

   (C) Peacock   (D) Sparrow

30. Which of the following is the largest internal organ in human body?

   (A) Pancreas   (B) Lung

   (C) Heart   (D) Liver

31. One of the following is credited to have invented Printing Press

   (A) John Carbutt   (B) Colt

   (C) Gutenberg   (D) None of the Above

32. UGC stands for

   (A) University Grants Commission

   (B) Universal Goods Office Committee

   (C) Universal Grievances Cell

   (D) None of the above

33. Kashmir during ancient times is believed to have been a lake called

   (A) Mansar   (B) Satisar

   (C) Parvati   (D) Dal

34. The Popular NHPC stands for one of the following

   (A) National Hydel Power Corporation

   (B) National Hydel Power Company

   (C) National Hydel Projects Corporation

   (D) National Hydel Power Cell

35. The first Muslim King of Kashmir was

   (A) Mir Syed Ali Hamdani

   (B) Rinchin

   (C) Shah Mir

   (D) None of the above

36. The arithmetic and logic operations in computer a performed by which one of the following parts?

   (A) Control Unit   (B) Register

   (C) ALU   (D) All of the above

37. One of the following is popular antivirus software

   (A) Google   (B) Avast

   (C) AltaVista   (D) Yahoo

38. WWW stands for

   (A) World Wide Web

   (B) World War on Water

   (C) World Wild Web

   (D) World Wise Web

39. Which one of the following is a search engine?

   (A) Microsoft   (B) Avast

   (C) Google   (D) All the above

40. In the year 2015, Google appointed one of following Indian born as its CEO

   (A) Anil Ambani   (B) Sunada Pichai

   (C) Indra Nooyi   (D) Shantanu Nara

41. Computer case, Keyboard, Motherboard and Hard Disk Drive constitute one the following

(A) Software   (B) Storage Devices

(C) Hardware   (D) None of the above

42. One of the following trees in flat Valley of Kashmir is very popular

(A) Deodar   (B) Poplar

(C) Chinar   (D) Willow

43. UNMOGI stands for

(A) UN Muslim Officers Group

(B) UN Military Observers Group in India

(C) UN Minority Official Group

(D) None of the above

44. Bee-keeping for honey extraction is called as

(A) Horticulture   (B) Apiculture

(C) Floriculture   (D) Sericulture

45. Jammu and Kashmir State as compared to other States of India lacks on account of

(A) Fruits   (B) Minerals

(C) Petroleum   (D) Railways

46. The Headquarters of International Atomic Energy Agency (IAEA) is located in one of the following

(A) Vienna - Austria

(B) The Hague-Netherlands

(C) Switzerland

(D) New York

47. Find the odd one out among the following

(A) 29   (B) 43

(C) 51   (D) 68

48. Carbon, Hydrogen and Oxygen are the constituents of one of the following

(A) Salt   (B) Water

(C) Carbohydrates   (D) None of the above

49. Choose the odd one out among the following

(A) Man   (B) Monkey

(C) Bat   (D) Sparrow

50. The latest among Indians to receive the Nobel Prize is

(A) C. V. Raman

(B) Kailash Satyarthi

(C) Amartya Sen

(D) Rabindranath Tagore

51. One among the following is credited as youngest ever Nobel Laureate

(A) Malala Yousafzai

(B) Sir William Lawrence Bragg

(C) Sir William Henry Bragg

(D) C. V. Raman

52. If paper is related to stationery, what will money be related to?

(A) Currency   (B) Cash

(C) Finance   (D) Economy

53. The Museum of Kashmir is named as

(A) Pratap Singh Museum

(B) Kashmir Museum

(C) Budshah Museum

(D) J&K Museum

54. One of the following famous tourist destinations in Kashmir is called "Meadow of Gold"

(A) Lolab   (B) Gulmarg

(C) Sonmarg   (D) Pahalgam

55. The National Highway connecting Srinagar with Jammu is numbered

(A) NH 1C (B) NH 1A

(C) NH 1 (D) NH 1B

56. One of the following is odd, choose it out

(A) Dawn (B) Khaleej Times

(C) New York Times (D) Greater Kashmir

57. Ain-i-Akbari was written by Abul Fazl in which language?

(A) Urdu (B) Sanskrit

(C) Hindi (D) Persian

58. One among the following is famously called as 'Poet of the East'

(A) Sir Muhammad Iqbal

(B) Mirza Ghalib

(C) Amir Khusroo

(D) Omar Khayam

59. 'Daughter of the East', is a title given to

(A) Sonia Gandhi (B) Benazir Bhutto

(C) Jayalalita (D) Sheikh Hasina

60. One of the following is famous Web Browser

(A) Yahoo (B) Google

(C) MS Word (D) Internet Explorer

DAJ-11142-A

ENTRANCE TEST-2016

FACULTY OF ARTS

MASTER IN LIBRARY & INFORMATION SCIENCE (MLIS)

Question Booklet Series | **A**

Total Questions : 60

Time Allowed : 70 Minutes

Roll No. :

Instructions for Candidates :

1. Write your Roll Number in the space provided at the top of this page of Question Booklet and fill up the necessary information in the spaces provided on the OMR Answer Sheet.

2. OMR Answer Sheet has an Original Copy and a Candidate's Copy glued beneath it at the top. While making entries in the Original Copy, candidate should ensure that the two copies are aligned properly so that the entries made in the Original Copy against each item are exactly copied in the Candidate's Copy.

3. All entries in the OMR Answer Sheet, including answers to questions, are to be recorded in the Original Copy only.

4. Choose the correct / most appropriate response for each question among the options A, B, C and D and darken the circle of the appropriate response completely. The incomplete darkened circle is not correctly read by the OMR Scanner and no complaint to this effect shall be entertained.

5. Use only blue/black ball point pen to darken the circle of correct/most appropriate response. In no case gel/ink pen or pencil should be used.

6. Do not darken more than one circle of options for any question. A question with more than one darkened response shall be considered wrong.

7. There will be 'Negative Marking' for wrong answers. Each wrong answer will lead to the deduction of 0.25 marks from the total score of the candidate.

8. Only those candidates who would obtain positive score in Entrance Test Examination shall be eligible for admission.

9. Do not make any stray mark on the OMR sheet.

10. Calculators and mobiles shall not be permitted inside the examination hall.

11. Rough work, if any, should be done on the blank sheets provided with the question booklet.

12. Ensure that your OMR Answer Sheet has been signed by the Invigilator and the candidate himself/herself.

13. OMR Answer sheet must be handled carefully and it should not be folded or mutilated in which case it will not be evaluated.

14. At the end of the examination, hand over the OMR Answer Sheet to the invigilator who will first tear off the original OMR sheet in presence of the Candidate and hand over the Candidate's Copy to the candidate.

1. Changes in the weather conditions occur in :

   (A) Troposphere   (B) Stratosphere

   (C) Ozonosphere   (D) Exosphere

2. Author of "An inquiry into the Nature and Causes of the Wealth of Nations" is :

   (A) Albert Einstein   (B) Hitler

   (C) John Keay   (D) Adam Smith

3. The Constitution of India was adopted on :

   (A) 15ᵗʰ August, 1947   (B) 26ᵗʰ January, 1950

   (C) 26ᵗʰ November, 1949   (D) 15ᵗʰ August ,1950

4. Which among the following tools is used by any library user for locating a book in library ?

   (A) Index   (B) Abstract

   (C) Catalogue   (D) Bibliography

5. Newton's second Law of Motion gives a measure of :

   (A) Acceleration   (B) Force

   (C) Momentum   (D) Angular momentum

6. Dandi March marked the beginning of :

   (A) Khilafat Movement   (B) Quit India Movement

   (C) Non-Cooperation Movement (D) Civil Disobedience Movement

7. Cup is related to 'Crockery' in the same way as 'Pen' is related to _____.

   (A) Paper   (B) Books

   (C) Ink   (D) Stationery

8. Poet Amir Khusro lived during the reign of :

   (A) Ala-ud-din-Khilji   (B) Iltutmish

   (C) Balban   (D) Qutub-din Aibak

9. Who said 'The child is father of the man' ?

   (A) Wordsworth   (B) Lincoln

   (C) Shakespeare   (D) Pope

10. Carbohydrates are made up of :

    (A) Carbon   (B) Hydrogen

    (C) Oxygen   (D) All the above

11. Khuda Baksh Oriental Public Library is located at :

    (A) Patna   (B) Jammu

    (C) Mysore   (D) Delhi

12. The famous Ghana Bird Sanctuary is located at :

    (A) Jorhat   (B) Barpeta

    (C) Nainital   (D) Bharatpur

13. Which of the following is antivirus software ?

    (A) XML   (B) MS Word

    (C) Google   (D) Norton

14. White Revolution refers to :

    (A) Cement industry   (B) Dairying

    (C) Cotton textile industry   (D) Marble industry

15. Author of 'Gitanjali' is :

    (A) Rabindranath Tagore   (B) J.L. Nehru

    (C) Mulk Raj Anand   (D) R.K. Narayan

16. _____ deals with the study of human mind, its behavior and mental qualities.

    (A) Psychology   (B) Cytology

    (C) Pathology   (D) None of the above

17. Comets are heavenly bodies, known for their :

    (A) Brilliant shine   (B) Tails

    (C) Position near Pole Star (D) Frequency of appearance

18. Red Fort in Delhi was built by :

    (A) Shahjahan   (B) Humayun

    (C) Babur   (D) Akbar

19. Chinese pilgrim Fa-Hien visited India during :

    (A) 3rd Century BC   (B) 4th Century BC

    (C) 5th Century AD   (D) 4th Century AD

20. The term "Green Revolution" was given by :

    (A) Dr. M. S. Swaminathan   (B) Dr. William Gande

    (C) Dr. J.C.Bose   (D) None of the above

21. Mountain Peak K2 is located in :

    (A) Nepal   (B) China

    (C) India   (D) Sri Lanka

22. Add, subtract, divide , multiply and logic operations are performed by :

    (A) Register   (B) ALU

    (C) Control unit   (D) All of these

23. Printing Press was invented by :

    (A) Gutenberg   (B) John Carbutt

    (C) Colt   (D) None of the above

24. Green colour of the leaves is due to :

    (A) Vacuole   (B) Mitochondria

    (C) Chlorophyll   (D) ATP

25. I became alert because I _____ trouble around me.

    (A) saw   (B) transcended

    (C) comprehended   (D) sensed

26. Which among the following belongs to mammals category ?

    (A) Sparrow   (B) Peacock

    (C) Bat   (D) Pigeon

27. Bali Jabriel is written by :

    (A) Iqbal   (B) Ghalib

    (C) Mir Taqi Mir   (D) Firaq

28. Choose odd one out :

    (A) Gani Kashmiri   (B) Whab Khar

    (C) Rasool Mir   (D) Mehjoor

29. Alignment buttons are available on the :

    (A) Status bar   (B) Formatting toolbar

    (C) Standard toolbar   (D) Drawing toolbar

30. 'A Tale of Two Cities' is the work of :

    (A) Charles Dickens   (B) Thomas Hardy

    (C) Shakespeare   (D) Chester Bowles

31. Find odd one out :

    (A) AEFJ   (B) KOPT

    (C) UYZD   (D) EHIL

32. A CD-ROM is :

    (A) An optical ROM   (B) An erasable ROM

    (C) A permanent ROM   (D) All of these

33. The new government took _____ last year.

    (A) up   (B) out

    (C) over   (D) after

34. Rocks formed by the cooling of hot molten matter are _____.

    (A) Igneous Rocks   (B) Sedimentary Rocks

    (C) Metamorphic Rocks   (D) None of the above

35. The common salt contains :

    (A) Sodium and Sulphate   (B) Sodium and Nitrate

    (C) Sodium and Chloride   (D) Calcium and Sulphate

36. The Sanskrit 'Ramayana' was written by :

    (A) Valmiki   (B) Surdas

    (C) Ved Vyas   (D) Tulsidas

37. ASLV stands for :

    (A) Augmented Sate Launch Vehicle

    (B) Automatic Satellite Launch Vehicle

    (C) Associated Satellite Launch Vehicle

    (D) Augmented Satellite Launch Vehicle

38. The largest organ in the human body is :

    (A) Pancreas   (B) Liver

    (C) Kidney   (D) Heart

39. Brass is an alloy, containing :

    (A) Magnesium   (B) Iron

    (C) Calcium   (D) Copper

40. J.G. Mendal is known for his work in the field of :

    (A) Biotechnology   (B) Genetics

    (C) Parasitology   (D) Medical engineering

41. True happiness consists _____ giving pleasure to others.

    (A) of   (B) in

    (C) by   (D) for

42. Find odd one out :

    (A) 88   (B) 75

    (C) 97   (D) 93

43. _____ is concerned with higher education in India.

    (A) UGC   (B) NCERT

    (C) DRDO   (D) None of the above

44. Article 370 of the Indian Constitution deals with which of the following ?

    (A) Fundamental Rights

    (B) Special status of Jammu and Kashmir

    (C) National Emergency

    (D) Impeachment of the President

45. ISSN stands for :

    (A) International Standard Serial Number

    (B) Indian Standard Science Number

    (C) Indian Serial Standard Number

    (D) None of the above

46. Razia Sultan was the daughter of :

    (A) Qutub-din Aibak   (B) Iltutmish

    (C) Balban   (D) None of the above

47. A book giving meanings of words is :

    (A) Dictionary   (B) Cartography

    (C) Bibliography   (D) None of the above

48. WWW stands for :

    (A) World Wide Web   (B) World We Want

    (C) World Wise Web   (D) None of the above

49. Which of the following statements is correct ?

    (A) Academic library is only for students

    (B) Academic library is only for teachers

    (C) Academic library is only for non teaching staff

    (D) Academic library is for students, teachers and non teaching staff

50. In 2013, The Nobel Prize in the discipline of Economics was awarded to :

    (A) Robert J. Shiller

    (B) Eugene F. Fama

    (C) Lars Peter Hansen

    (D) Is shared by all the three in (A), (B) & (C)

51. A. Kejriwal, Chief Minister of Delhi belongs to :

    (A) BJP   (B) Congress

    (C) Aam Aadmi Party (AAP)   (D) None of the above

52. Art of Compiling a Dictionary is labeled as :

    (A) Lexicography   (B) Cartography

    (C) Bibliography   (D) Directory

53. IAEA stands for :

    (A) International Atomic Energy Agency

    (B) Indian Atomic Energy Association

    (C) International Atomic Emergency Agency

    (D) None of the above

54. Choose odd one out :

    (A) School library   (B) College library

    (C) University library   (D) Public library

55. National Library of India is at :

    (A) Kolkata   (B) Delhi

    (C) Haryana   (D) Mysore

56. In 2013, The Nobel Prize in the discipline of Literature was awarded to :

    (A) Alice Munro   (B) Lars Peter Hansen

    (C) Peter W. Higgs   (D) None of the above

57. Diamond is the Allotropic form of :

   (A) Carbon   (B) Oxygen

   (C) Phosphorus   (D) None of the above

58. United Nations (UN) Headquarters is located in :

   (A) New York City   (B) The Hague

   (C) Austria   (D) Australia

59. _____ is the maintenance of honey bee colonies.

   (A) Pesiculture   (B) Sericulture

   (C) Apiculture   (D) None of these

60. Choose odd one out :

   (A) Times of India   (B) The Tribune

   (C) The Hindu   (D) Greater Kashmir

Masters in Library & Information Science(MLIS)/B

1. A library open for all people in a community is categorized as :
   - (A) Public library
   - (B) Special library
   - (C) Academic library
   - (D) None of the above

2. The little girl was knocked down by a speeding car and she lost her .... immediately.
   - (A) Conscience
   - (B) Conscientious
   - (C) Conscious
   - (D) Consciousness

3. ISBN stands for :
   - (A) International Standard Book Number
   - (B) Indian Standard Book Number
   - (C) Indian Serial Book Number
   - (D) None of the above

4. In Communication, the language is :
   - (A) The non-verbal code
   - (B) The verbal-code
   - (C) The symbolic code
   - (D) The iconic code

5. Rampur Raza library is located in which State ?
   - (A) Jammu and Kashmir
   - (B) Bihar
   - (C) Uttar Pradesh
   - (D) Madhya Pradesh

6. Which one of the following is the main objective of teaching ?
   - (A) To develop thinking power of students
   - (B) To give information related to the syllabus
   - (C) To dictate notes to students
   - (D) To prepare students to pass the examination

7. Bangi Dera is written by :
   - (A) Galib
   - (B) Iqbal
   - (C) Hali
   - (D) Shubli

8. Official language of J & K is :
   - (A) Urdu
   - (B) Kashmiri
   - (C) Hindi
   - (D) Persian

9. 1 gm (One gram) of fat gives :
   (A) 7 Calories of energy
   (B) 4 Calories of energy
   (C) 5 Calories of energy
   (D) 9 Calories of energy

10. Imam Ghazzali wrote a book with title ------------
    (A) Dhakhiratul Muluk
    (B) Tahafut al-Falasifa (The Incoherence of the Philosophers)
    (C) Awrad al-Qadiriyyah
    (D) None of the above

11. Computers on an internet are identified by :
    (A) IP address
    (B) E-mail address
    (C) Street address
    (D) None of the above

12. Choose the odd one out :
    (A) Pranab Mukherji
    (B) Rajinder Prasad
    (C) Zail Singh
    (D) Manmohan Singh

13. Cup is to coffee as bowl is to :
    (A) Dish
    (B) Soup
    (C) Spoon
    (D) Food

14. Look at this series : 1000, 200, 40, ... What number should come next ?
    (A) 8
    (B) 10
    (C) 15
    (D) 20

15. Which word does not belong with the others ?
    (A) Heading
    (B) Closing
    (C) Letter
    (D) Body

16. In 2012, The Noble Prize in the discipline of Medicine was awarded to :
    (A) Sir John B. Gurdon and Shinya Yamanaka
    (B) Serge Haroche and David J. Wineland
    (C) Robert J. Lefkowitz and Brian K. Kobilka
    (D) None of the above

17. Poetry of .... is commonly known as *Shrukhs* :
    (A) Shiekh Noor-U-din Wali   (B) Habba Khatoon
    (C) Mehjoor   (D) Gani Kashmiri

18. List of the documents of a library is :
    (A) Catalogue   (B) Bibliography
    (C) Abstract   (D) None of the above

19. Traditional name used to refer to all embryophytes is :
    (A) Pteridophytes   (B) Bryophytes
    (C) Epiphyte   (D) Halophyte

20. .... studies the origin, composition, distribution and structure of rocks.
    (A) Petrology   (B) Meteorology
    (C) Anthology   (D) Astrology

21. Performance of a computer is influenced by :
    (A) CPU speed   (B) RAM Size
    (C) Hard Disk Speed and Capacity (D) All the above

22. Choose the word opposite in the meaning to the word **"Obey"** :
    (A) Attract   (B) Disobey
    (C) Repel   (D) Diffuse

23. Tides in the oceans are caused by :
    (A) Gravitational pull of the moon on the earth's surface including sea water
    (B) Gravitational pull of the sun on the earth's surface only and not on the sea water
    (C) Gravitational pull of the moon and the sun on the earth's surface including sea water
    (D) None of these

24. Sericulture is :
    (A) Science of the various kinds of serum
    (B) Artificial rearing of fish
    (C) Art of silkworm breeding
    (D) Study of various cultures of a society

25. 1 gigabyte is equal to :
   - (A) 1024 kilobytes
   - (B) 1024 bytes
   - (C) 1024 megabytes
   - (D) None of the above

26. Security arrangements have been tightened up in all . . . . areas.
   - (A) Sensible
   - (B) Sensual
   - (C) Sensitive
   - (D) Sensational

27. The 2014 Common Wealth Games will be held in the city of :
   - (A) Berlin
   - (B) Glasgow
   - (C) Copenhagen
   - (D) Melbourne

28. A tool used for knowing the meaning of words is :
   - (A) Index
   - (B) Bibliography
   - (C) Abstract
   - (D) Dictionary

29. Hurrah ! We have won the match. Hurrah denotes :
   - (A) Interjection
   - (B) Subjection
   - (C) Adjective
   - (D) Verb

30. Who among the following is not a poet ?
   - (A) Milton
   - (B) William Wordsworth
   - (C) Shelley
   - (D) Agatha Christie

31. Who has written the book "India 2020-A Vision for the New Millennium" ?
   - (A) Pandit Nehru
   - (B) A.P.J. Abdul Kalam
   - (C) K.M. Munshi
   - (D) Kiran Desai

32. Graphite is the Allotropic form of :
   - (A) Carbon
   - (B) Oxygen
   - (C) Phosphorus
   - (D) None of the above

33. *Gani Kashmiri* is known for his contribution in which language ?
   - (A) Kashmiri
   - (B) Persian
   - (C) Urdu
   - (D) Hindi

34. What is the product of all numbers in the dial of a telephone ?

   (A) 1, 54, 490   (B) 1, 54, 450

   (C) 1, 54, 470   (D) None of the above

35. UNDP stands for :

   (A) United Nations Development Programme

   (B) United National Development Plan

   (C) United Nations Disaster Programme

   (D) None of the above

36. The Plants and Vegetation of a region represent its :

   (A) Fauna   (B) Flora

   (C) Landscape   (D) Climate

37. Mohd Ali and Shaukat Ali started :

   (A) Khilafat Movement   (B) Home Rule Movement

   (C) Non-Cooperation Movement (D) Swadeshi Movement

38. Heavy water is used in :

   (A) Rockets   (B) Nuclear Bombs

   (C) Nuclear Reactors   (D) Car Batteries

39. Largest ocean in the world is :

   (A) Pacific Ocean   (B) Atlantic Ocean

   (C) Arctic Ocean   (D) Indian Ocean

40. First British Viceroy of India was :

   (A) Lord Canning   (B) Lord Wavell

   (C) Lord Mountbatten   (D) Lord Ripon

41. Bhatia's Battery Test is used for assessing :

   (A) Intelligence   (B) Emotions

   (C) Stress   (D) Mental disorders

42. Science dealing with Crop Plants :
   - (A) Anthropology
   - (B) Agronomy
   - (C) Anthology
   - (D) Astronomy

43. Lexicography is :
   - (A) Compiling of Dictionary
   - (B) Compiling of Directory
   - (C) Compiling of Atlases
   - (D) Compiling of Bibliography

44. Law of Readiness of learning is given by :
   - (A) John Dewey
   - (B) Pavlo
   - (C) Thorndike
   - (D) Einstein

45. The **Nucleus** of an Atom consists of :
   - (A) Neutron
   - (B) Proton
   - (C) Electron
   - (D) Both (A) and (B)

46. **Radioactivity** can be used in :
   - (A) Diagnostic
   - (B) Therapeutic
   - (C) Both (A) and (B)
   - (D) None of these

47. A **mathematical representation** of the typical value of a series of numbers, computed as the sum of all the numbers in the series divided by the count of all numbers in the series is called :
   - (A) Mode
   - (B) Mean
   - (C) Median
   - (D) None of the above

48. *"Knowledge is virtue and he who is knowledgeable is virtuous and just"*. This has been said by :
   - (A) Plato
   - (B) Socrates
   - (C) Lincoln
   - (D) Saidiyan

49. Choose the odd one out :
   - (A) Mammals
   - (B) Reptiles
   - (C) Amphibia
   - (D) Bryophytes

50. The art of drawing maps and charts is called :
  (A) Lexicography   (B) Cartography
  (C) Radiography   (D) Bibliography

51. Library is defined as a place :
  (A) Where documents are collected
  (B) Where documents are preserved
  (C) Where documents are organized for use
  (D) Where all the above mentioned activities are performed

52. UNESCO headquarter is located at :
  (A) Paris   (B) New York
  (C) London   (D) Washington

53. Total number of Districts in J & K is :
  (A) 21   (B) 14
  (C) 22   (D) 19

54. A legitimate right to give certain orders or commands is called :
  (A) Power   (B) Authority
  (C) Influence   (D) Cohesion

55. SMS stands for :
  (A) Short Message Service   (B) Stop Making Sound
  (C) Sega Master System   (D) Service Managing System

56. Which one of the following is the distinctive characteristic of human society in comparison to the animal society ?
  (A) Interaction   (B) Culture
  (C) Territory   (D) Group life

57. OPAC stands for :
  (A) Online Public Access Catalogue
  (B) Offline Public Acquisition Catalogue
  (C) Online Public Access Copy
  (D) None of the above

58. Choose odd one out :
    (A) Ghalib
    (B) Habba Khatoon
    (C) Mehjoor
    (D) Lal Ded

59. Which one of the following is an example of Operating System ?
    (A) Microsoft Word
    (B) Microsoft Access
    (C) Microsoft Excel
    (D) Microsoft Windows

60. $(Hypotenuse)^2 = (Base)^2 + (Perpendicular)^2$ is known as :
    (A) Pythagoras Theorem
    (B) Fermat's Little Theorem
    (C) Jordan Curve Theorem
    (D) None of the above

Masters in Library & Information Science(MLIS)/A

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    (A) Public library   (B) Special library
    (C) Academic library   (D) None of the above

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    immediately.
    (A) Conscience   (B) Conscientious
    (C) Conscious   (D) Consciousness

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    (A) International Standard Book Number
    (B) Indian Standard Book Number
    (C) Indian Serial Book Number
    (D) None of the above

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    (A) The non-verbal code   (B) The verbal-code
    (C) The symbolic code   (D) The iconic code

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    (C) Uttar Pradesh   (D) Madhya Pradesh

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    (A) Galib   (B) Iqbal
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    (A) Urdu   (B) Kashmiri
    (C) Hindi   (D) Persian

34. 1 gm (One gram) of fat gives :
    (A) 7 Calories of energy   (B) 4 Calories of energy
    (C) 5 Calories of energy   (D) 9 Calories of energy

35. Imam Ghazzali wrote a book with title ------------
    (A) Dhakhiratul Muluk
    (B) Tahafut al-Falasifa (The Incoherence of the Philosophers)
    (C) Awrad al-Qadiriyyah
    (D) None of the above

36. Computers on an internet are identified by :
    (A) IP address   (B) E-mail address
    (C) Street address   (D) None of the above

37. Choose the odd one out :
    (A) Pranab Mukherji   (B) Rajinder Prasad
    (C) Zail Singh   (D) Manmohan Singh

38. Cup is to coffee as bowl is to :
    (A) Dish   (B) Soup
    (C) Spoon   (D) Food

39. Look at this series : 1000, 200, 40, ... What number should come next ?
    (A) 8   (B) 10
    (C) 15   (D) 20

40. Which word does not belong with the others ?
    (A) Heading   (B) Closing
    (C) Letter   (D) Body

41. In 2012, The Noble Prize in the discipline of Medicine was awarded to :
    (A) Sir John B. Gurdon and Shinya Yamanaka
    (B) Serge Haroche and David J. Wineland
    (C) Robert J. Lefkowitz and Brian K. Kobilka
    (D) None of the above

42. Poetry of . . . . is commonly known as *Shrukhs* :
- (A) Shiekh Noor-U-din Wali
- (B) Habba Khatoon
- (C) Mehjoor
- (D) Gani Kashmiri

43. List of the documents of a library is :
- (A) Catalogue
- (B) Bibliography
- (C) Abstract
- (D) None of the above

44. Traditional name used to refer to all embryophytes is :
- (A) Pteridophytes
- (B) Bryophytes
- (C) Epiphyte
- (D) Halophyte

45. . . . . studies the origin, composition, distribution and structure of rocks.
- (A) Petrology
- (B) Meteorology
- (C) Anthology
- (D) Astrology

46. Performance of a computer is influenced by :
- (A) CPU speed
- (B) RAM Size
- (C) Hard Disk Speed and Capacity
- (D) All the above

47. Choose the word opposite in the meaning to the word "**Obey**" :
- (A) Attract
- (B) Disobey
- (C) Repel
- (D) Diffuse

48. Tides in the oceans are caused by :
- (A) Gravitational pull of the moon on the earth's surface including sea water
- (B) Gravitational pull of the sun on the earth's surface only and not on the sea water
- (C) Gravitational pull of the moon and the sun on the earth's surface including sea water
- (D) None of these

49. Sericulture is :
- (A) Science of the various kinds of serum
- (B) Artificial rearing of fish
- (C) Art of silkworm breeding
- (D) Study of various cultures of a society

50. 1 gigabyte is equal to :
    - (A) 1024 kilobytes
    - (B) 1024 bytes
    - (C) 1024 megabytes
    - (D) None of the above

51. Security arrangements have been tightened up in all . . . . areas.
    - (A) Sensible
    - (B) Sensual
    - (C) Sensitive
    - (D) Sensational

52. The 2014 Common Wealth Games will be held in the city of :
    - (A) Berlin
    - (B) Glasgow
    - (C) Copenhagen
    - (D) Melbourne

53. A tool used for knowing the meaning of words is :
    - (A) Index
    - (B) Bibliography
    - (C) Abstract
    - (D) Dictionary

54. Hurrah ! We have won the match. Hurrah denotes :
    - (A) Interjection
    - (B) Subjection
    - (C) Adjective
    - (D) Verb

55. Who among the following is not a poet ?
    - (A) Milton
    - (B) William Wordsworth
    - (C) Shelley
    - (D) Agatha Christie

56. Who has written the book "India 2020-A Vision for the New Millennium" ?
    - (A) Pandit Nehru
    - (B) A.P.J. Abdul Kalam
    - (C) K.M. Munshi
    - (D) Kiran Desai

57. Graphite is the Allotropic form of :
    - (A) Carbon
    - (B) Oxygen
    - (C) Phosphorus
    - (D) None of the above

58. *Gani Kashmiri* is known for his contribution in which language ?
    - (A) Kashmiri
    - (B) Persian
    - (C) Urdu
    - (D) Hindi

59. What is the product of all numbers in the dial of a telephone ?

    (A) 1, 54, 490   (B) 1, 54, 450

    (C) 1, 54, 470   (D) None of the above

60. UNDP stands for :

    (A)   United Nations Development Programme

    (B)   United National Development Plan

    (C)   United Nations Disaster Programme

    (D)   None of the above

Library and Information Science/A

1. A handwritten message is transmitted instantly to any part of the world through :
   - (A) Telegram
   - (B) Telex
   - (C) E-mail
   - (D) Fax

2. The most popular operating system, apparently a threat to Windows, has emerged as :
   - (A) MSDOS
   - (B) UNIX
   - (C) LINUX
   - (D) XENIX

3. A DVD is :
   - (A) A systems software
   - (B) An application software
   - (C) Hard disk
   - (D) An input/output device

4. 'Google' is a :
   - (A) Meta Search Engine
   - (B) Search Engine
   - (C) Browser
   - (D) Internet tool

5. A computer must have :
   - (A) An Operating System
   - (B) A word processor
   - (C) Online connectivity
   - (D) Microsoft Office

6. The author of "Muntakhab-ul-Tawarikh" is :
   - (A) Badauni
   - (B) Bairam Khan
   - (C) Bilhana
   - (D) Asanga

7. A system of reading and writing for blind is developed by :
   - (A) Helen Keller
   - (B) Louis Braille
   - (C) P. Roosevelt
   - (D) None of the above

8. Write the correct spelling :
   - (A) Chauffeur
   - (B) Chauffer
   - (C) Chaffeur
   - (D) Choffeur

9. ***"All goats are cows. Some goats are lambs".*** So

(i) All goats are lambs

(ii) Some lambs are cows

Choose the correct

    (A) Only (i) is correct   (B) Only (ii) is correct

    (C) Both are correct   (D) Both are incorrect

10. Oh! How are you ?

'Oh!' in the above sentence is :

    (A) A noun   (B) An adverb

    (C) An interjection   (D) A pronoun

11. Choose the correct meaning of the phrase *"Fish out of Water"* .

    (A) In a great trouble   (B) In a difficult position

    (C) In an uncomfortable position   (D) A difficult job

12. Name the *seismologist* who has warned of a deadly earthquake in Kashmir of largest ever magnitude.

    (A) Michael L. Knotek   (B) Roger Bilham

    (C) Barbara C. Farhar   (D) Adam L. Reed

13. The cricketer who created history in 2011 by posting the highest score in one day internationals and also scoring only the second double century in the 50 over format is :

    (A) Virender Sehwag   (B) Kumar Sangakara

    (C) Shane Robert Watson   (D) Brendon McCullum

14. Who didn't share the *Nobel Peace Prize 2011* for non-violent struggle for the safety of women and for women's rights ?

    (A) Ellen Johnson Sirleaf   (B) Tawakkol Karman

    (C) Leymah Gbowee   (D) Elizabeth Blackburn

15. The movie that was crowned as the best picture at *Oscars 2011* is :
    - (A) The King's Speech
    - (B) The Social Network
    - (C) The Fighter
    - (D) Inception

16. Who was not an ally of *Interlocutors* for Jammu and Kashmir ?
    - (A) M.M. Ansari
    - (B) Arun Jaitley
    - (C) Dilip Padgaonkar
    - (D) Radha Kumar

17. Osama Bin Laden was killed on :
    - (A) May 02, 2011
    - (B) May 07, 2011
    - (C) May 09, 2011
    - (D) May 10, 2011

18. NASA's Kepler mission recently discovered a Habitable Earth-like planet and named it as :
    - (A) Kepler 22 b
    - (B) Kepler 22 d
    - (C) Kepler 22 c
    - (D) Kepler 22 a

19. The *National Library for Blind (India)* is located at :
    - (A) Dehradun
    - (B) Chennai
    - (C) Delhi
    - (D) Mumbai

20. '**Britannica**' and '**Americana**' are associated with :
    - (A) Dictionary
    - (B) Encyclopedia
    - (C) Travelogue
    - (D) Directory

21. A library catalogue primarily helps to :
    - (A) find publisher of a book in the library
    - (B) find title of a book in the library
    - (C) find size of a particular book
    - (D) find possession of a book in the library

22. The best shelf arrangement of DVD's in a Primary School Library can be according to :

    (A)   Author of a DVD   (B)   Size of data in a DVD

    (C)   Class Number of a DVD   (D)   Title of a DVD

23. The nearest meaning of the word "EMBEZZLE" is :

    (A)   Misappropriate   (B)   Corrupt

    (C)   Reimburse   (D)   Compensate

24. SPS Library of J&K is located at :

    (A)   Jammu   (B)   Srinagar

    (C)   Muzaffarabad   (D)   Udhampur

25. The country that became member of UNESCO recently is :

    (A)   Venezuela   (B)   Palestine

    (C)   Chile   (D)   Trinidad & Tobago

26. Who has been elected Libya's interim Prime Minister during 2011 ?

    (A)   General Qaddafi   (B)   Rafiq Hariri

    (C)   Abdul Sattar   (D)   None of the above

27. EPROM stands for :

    (A)   Electric Programmable Read Only Memory

    (B)   Erasable Programmable Read Only Memory

    (C)   Erasable Programmable Random Optic Memory

    (D)   Electric Pearson Random Memory

28. A Year book normally contains :

    (A)   Summary of events of the year

    (B)   Biographical profile of distinguished persons

    (C)   List of books published during a year

    (D)   None of the above

29. One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing ?

    (A) East   (B) West

    (C) North   (D) South

30. 120, 99, 80, 63, 48, ?

    (A) 35   (B) 38

    (C) 39   (D) 40

31. The African traveler who visited India is :

    (A) Ibni Batutah   (B) Hieuen Tsang

    (C) Nelson Mandela   (D) None of the above

32. A change in structure, form, function or habit that allows an organism to become better suited to its surroundings for a specific condition so as to improve its chances of survival and reproduction is known as :

    (A) Adaptation   (B) Hibernation

    (C) Evolution   (D) None of the above

33. The absorption of ink by blotting paper involves :

    (A) Viscosity of ink

    (B) Capillary action phenomenon

    (C) Diffusion of ink through the blotting

    (D) Siphon action

34. Mr. and Mrs. Shan Mohammad had seven daughters and each daughter had one brother. How many members were in Shan's family ?

    (A) 16   (B) 15

    (C) 9   (D) None of the above

35. Rainbow is produced when sunlight falls on drops of rain. Which of the following physical phenomena are responsible for this ?

I. Diffusion

II. Refraction

III. Internal reflection

    (A)   I, II and III   (B)   I and II

    (C)   II and III   (D)   I and III

36. Ordinary table salt is sodium chloride. What is baking soda ?

    (A)   Potassium chloride   (B)   Potassium carbonate

    (C)   Potassium hydroxide   (D)   Sodium bicarbonate

37. The filament of an electric bulb is made of :

    (A)   Tungsten   (B)   Nichrome

    (C)   Graphite   (D)   Iron

38. The first printing press was invented by :

    (A)   Lord Marconi   (B)   John Guttenberg

    (C)   John Keats   (D)   John Smith

39. Exponential growth is associated with :

    (A)   T-shaped growth curve   (B)   S-shaped growth curve

    (C)   Sigmoid growth curve   (D)   All of the above

40. The Library of Congress belongs to :

    (A)   India   (B)   U.S.A.

    (C)   U.S.S.R.   (D)   None of the above

41. Which of the following continents has the least land mass ?

    (A)   Africa   (B)   Asia

    (C)   Australia   (D)   Europe

42. The geographical information of a town can be found from :
    (A) Gazetteer
    (B) Encyclopedia
    (C) Dictionary
    (D) None of the above

43. Philology is the :
    (A) Study of bones
    (B) Study of muscles
    (C) Study of architecture
    (D) Science of languages

44. What Raja Rammohan Roy did ?
    (A) He was a social reformer who tried to eradicate sati, purdah and child marriage
    (B) He advocated widow remarriage and woman's education
    (C) He was the founder of the Brahmo Samaj
    (D) All of the above

45. Where is the permanent secretariat of the SAARC ?
    (A) Kathmandu
    (B) New Delhi
    (C) Islamabad
    (D) Colombo

46. Which of the following is not a personality trait ?
    (A) Intelligence
    (B) Interest
    (C) Emotionality
    (D) Honesty

47. Library is a :
    (A) Service institution
    (B) Commercial institution
    (C) Private organisation
    (D) All of the above

48. The Twin principles of Mahatma Gandhi's *Ram Rajya* were :
    (A) Truth and non-violence
    (B) Right means and right ends
    (C) Khadi and Ahimsa
    (D) Satyagraha and Non-violence

49. The currency of Turkey is :
    (A) Lira
    (B) Euro
    (C) Dinar
    (D) Dirham

50. The branch of medical science that deals with the study of mode of transmission of disease is called :

    (A) Pathology   (B) Immunology

    (C) Epidemiology   (D) Bacteriology

51. Who said '*Man is a political animal*'?

    (A) Dante   (B) Aristotle

    (C) Socrates   (D) Plato

52. '*Nature never did betray the heart that loved her*' is a quotation from :

    (A) W. Wordsworth   (B) J. Brayon

    (C) P.B. Shelly   (D) J. Keats

53. 'Foot and Mouth' Disease is :

    (A) Viral   (B) Bacterial

    (C) Fungal   (D) None of these

54. A 'Black hole' is :

    (A) Vacuum in space   (B) A dying star

    (C) A type of meteorite   (D) A spot on the sun

55. 'Torino Scale' is related to :

    (A) Earthquakes   (B) Asteroids

    (C) Waves   (D) Pollution

56. Which is the largest Archipelago ?

    (A) Indonesia   (B) Russia

    (C) Antarctica   (D) Brazil

57. Football World Cup was organized during 2010 in :

    (A) India   (B) China

    (C) Brazil   (D) Italy

58. Allama Iqbal wrote poetry in :

    (A)   Urdu and Persian   (B)   Urdu

    (C)   Persian   (D)   Arabic

59. Find the odd one out from the following :

    (A)   Prose   (B)   Poetry

    (C)   Drama   (D)   Grammar

60. Which is not a member of G-8 ?

    (A)   United Kingdom   (B)   France

    (C)   Canada   (D)   China

Library & Information Science - 2010

1. Choose odd one out :
   - (a) Micro Computer
   - (b) Mini Computer
   - (c) Digital Computer
   - (d) Super Computer

2. Modem is useful for :
   - (a) Accessing a computer
   - (b) Charging a cell phone
   - (c) Increasing efficiency of a telephone set
   - (d) Using the internet

3. A computer processor's speed is measured in :
   - (a) Characters/second
   - (b) Megabytes
   - (c) Megahertz
   - (d) Bytes

4. The "et al" stands for :
   - (a) eternal allowance
   - (b) and others
   - (c) all others
   - (d) That is

.5. Data transmission in optical fiber cables is based on the principle of :
   - (a) First law of Reflection
   - (b) Second law of Reflection
   - (c) Total Internal Reflection
   - (d) Laws of Refraction

6. *"Copenhagen conference on climate change"* was held during :
   - (a) 5-17 November, 2009
   - (b) 15-17 October, 2009
   - (c) 5-17 January, 2010
   - (d) 15-17 December, 2009

7. Who is the President of *Bhartiya Janta Party* from December 2009 ?
   - (a) Nitin Gadkari
   - (b) Atal Bihari Vajpayee
   - (c) L. K. Advani
   - (d) Sushma Swaraj

8. 'Khaja Hasan Sofi' (famous Kashmiri Singer) died in the month of :
   - (a) November, 2009
   - (b) October, 2009
   - (c) September, 2009
   - (d) December, 2009

9. The poem *"Rime of the Ancient Mariner"* is written by :
   - (a) William Wordsworth
   - (b) W.B. Yeats
   - (c) John Milton
   - (d) S.T. Coleridge

10. H1N1 is a subtype of influenza led by :
    - (a) A Virus
    - (b) B Virus
    - (c) AB Virus
    - (d) BA Virus

11. Which of the Kashmiri saints is known as "*Qutub-e-Zaman*"?

    (a) Syed Jalal Uddin Bukhari   (b) Shah-e-Hamdan

    (c) Sheikh Noor-ud-Din Noorani   (d) Bulbul Shah

12. Who was the *first Maharaja* of the princely state of Jammu and Kashmir?

    (a) Gulab Singh   (b) Ranjit Singh

    (c) Kishore Singh   (d) Hari Singh

13. Long, narrow depressions in the lunar surface that resemble channels is called :

    (a) Dark Dune Spots   (b) Rima

    (c) Ridge   (d) Rille

14. Who called Mathematics "*The science that draws necessary conclusions*"?

    (a) Benjamin Peirce   (b) Euclid

    (c) Eugene Wigner   (d) None of the above

15. Total Surface Area of a right circular cylinder is :

    (a) $\pi r^2 h$ (b) $2\pi r^2 h (h+r)$

    (c) $2\pi r h$ (d) $2\pi r (h+r)$

16. *Short Sightedness* is also known as :

    (a) Hypermetropia   (b) Astigmatism

    (c) Myopia   (d) Cataract

17. The compound added to L.P.G. for detecting its leakage is :

    (a) Ethyl Bromide   (b) Ethyl Mercaptan

    (c) Benzene   (d) Iso-Propane

18. Which part of the digestive system absorbs water?

    (a) Ileum   (b) Duodenum

    (c) Rectum   (d) Colon (large intestine)

19. '*Corbett Park*' is famous for :

    (a) Tigers   (b) Elephants

    (c) Crocodiles   (d) Lemurs

20. 'World Environment Day' is observed on :

    (a) 17th May   (b) 31st December

    (c) 5th June   (d) 7th August

21. Complete the sentence :

    Emile Durkheim was a _____ Sociologist.

       (a)   German   (b)   French

       (c)   American   (d)   Australian

22. Who described Sociology as *"Social Physics"* ?

       (a)   August Comte   (b)   Walfred Pareto

       (c)   Maclver   (d)   Herbet Spencer

23. Who said ? *"Where there is life, there is society"*.

       (a)   August Comte   (b)   Aristotle

       (c)   Max Weber   (d)   None of the above

24. The richest source of Vitamin C is :

       (a)   Lemon   (b)   Amla

       (c)   Orange   (d)   Mango

25. The first President of United States was :

       (a)   John Adams   (b)   Thomas Jefferson

       (c)   Abraham Lincoln   (d)   George Washington

26. *'Khuda Baksh Oriental Library'* is situated in :

       (a)   Lucknow   (b)   Patna

       (c)   Hyderabad   (d)   Delhi

27. *'Lexicography'* is the art and science of compiling :

       (a)   Encyclopedia   (b)   Thesaurus

       (c)   Bibliography   (d)   Dictionary

28. *'Roget'* is associated with :

       (a)   Thesaurus   (b)   Encyclopedia

       (c)   Travelogue   (d)   Dictionary

29. *'National Library of India'* was earlier known as :

       (a)   Connemara Library   (b)   British Library

       (c)   Queen Elizabeth Library (d)   Imperial Library

30. *"Belt the grape"* means :
    - (a) Cultivate grapes in a barren land
    - (b) Drink wine or liquor heavily
    - (c) To ferment the grape juice
    - (d) To be fond of grapes

31. *Rhodesia* is the old name of :
    - (a) Malagay
    - (b) Thailand
    - (c) Malawi
    - (d) Zimbabwe

32. *'Twentieth Commonwealth Conference of Speakers and Presiding officers'* was held in January, 2010 at :
    - (a) New York
    - (b) New Delhi
    - (c) London
    - (d) Egypt

33. Find the odd out :
    - (a) Fungi
    - (b) Algae
    - (c) Bryophyta
    - (d) Mollusca

34. Fill in the blank :
    A fair crack of the ------------
    - (a) Mountain
    - (b) Whip
    - (c) Foot
    - (d) Brow

35. Fill in the blank :
    It is difficult to drink from a cup which is full to the -------
    - (a) top
    - (b) edge
    - (c) brim
    - (d) circumference

36. A battle with much bloodshed is termed as :
    - (a) Tactics
    - (b) Assassination
    - (c) Proxy War
    - (d) Sanguinary

37. A Clinical death occurs when :
    - (a) There is no pulse
    - (b) There is no heart beat
    - (c) Pupils are fixed and dilated and there is no reaction to light
    - (d) All the above conditions are fulfilled

38. Ruby : Red :: Sapphire : ?
    (a) Blue   (b) White
    (c) Green   (d) Silver

39. Squint : Vision :: Stammering : ?
    (a) Mouth   (b) Face
    (c) Speech   (d) Smell

40. ZYB : XWD :: UTG : ?
    (a) ISR   (b) SRI
    (c) IRS   (d) ISR

41. Complete the following series :
    1, 3, 3, 6, 5, 9, 7, 12, _ ?
    (a) 9, 15   (b) 9, 12
    (c) 8, 14   (d) 7, 15

42. *FLOWER* is written as *SFXPMG* in a particular coding system. Write SRILANKA
    in the coding System :
    (a) BLOBMJST   (b) CMPCNKTU
    (c) CMPCUTKN   (d) BLOBTSJM

43. Complete the table :

21	18	15
24	3	12
?	6	9

    (a) 26   (b) 25
    (c) 27   (d) 30

44. Write the correct spelling :
    (a) Renagade   (b) Renegade
    (c) Renigade   (d) Ranagade

45. Name the leading Urdu poet known as "*Khuda-e-Sukhan*"
    (a) Mirza Ghalib   (b) Mirza Mohammad Rafi Sauda
    (c) Mir Taqi Mir   (d) Khwaja Mir Dard

46. Nidology is the study of :
    - (a) Clouds
    - (b) Nests
    - (c) Senility
    - (d) Hypnotism

47. Who wrote **"Sakinat-ul-Awliya"** ?
    - (a) Dara Shikoh
    - (b) Aquil Khan Zafar
    - (c) Abdul Haqq
    - (d) Abul Fazil

48. Scratching eases itching because :
    - (a) It removes the outer dust in the skin
    - (b) It kills the germs
    - (c) It stimulates certain nerves, which direct the brain to increase production of antihistaminic chemicals.
    - (d) It suppresses the production of enzymes that cause itching

49. The fastest train of the world, **"Maglev"** made its debut on :
    - (a) December 26, 2009
    - (b) December 25, 2009
    - (c) December 28, 2009
    - (d) November 28, 2009

50. A 'DVD' is :
    - (a) a systems software
    - (b) an application software
    - (c) a Hard disk
    - (d) an input/output device

51. The computerized information in pattern of black and white on a book in the market is :
    - (a) Author code
    - (b) Bar code
    - (c) Publisher code
    - (d) Library code

52. The real name of famous fiction writer 'Prem Chand' is :
    - (a) Munshi Dhanpat Rai
    - (b) Bushan Lal Koul
    - (c) Munshi Prem Chand
    - (d) Munshi Manoharlal

53. A Book can be acquired from a :
    - (a) Bookseller
    - (b) Publisher
    - (c) Bookseller and Publisher
    - (d) Bookseller, Publisher and Author

54. ISSN stands for :
   (a) Integrated Services Series Number
   (b) International Services Standard Network
   (c) International Standard Serial Number
   (d) International Standard Social Number

55. IMEIN stands for :
   (a) International mobile equipment network
   (b) International mobile equipment index number
   (c) International machine equipment index number
   (d) International merchant equipment index network

56. Sometimes another title follows the main title of a book, which is called :
   (a) Series title   (b) Generic title
   (c) Spine title   (d) Subtitle

57. *"Liberhan Commission report"* relates to :
   (a) Minorities   (b) Demolition of Babri Masjid
   (c) Muslims   (d) None of the above

58. Xerox machine works on the principle of :
   (a) Photography   (b) Static electricity
   (c) Light radiation   (d) None of the above

59. The degree of inflation is measured with the help of :
   (a) Market information   (b) Income-index number
   (c) General price index number   (d) Prices of goods and services

60. The background of a theme can be initially traced from :
   (a) Directory   (b) Encyclopedia
   (c) Dictionary   (d) None of the above

LIBRARY AND INFORMATION SCIENCE

1. The God who is most prominent in Rig-Veda is :
   (A) Agni
   (B) Indra
   (C) Pashupati
   (D) Vishnu

2. The following foreign travelers visited India at different times :
   I. Alberuni
   II. Fa-hien
   III. Hieun Tsang
   IV. Megasthanese
   Arrange the travelers in a chronological order (ascending) :
   (A) IV, III, I, II
   (B) II, IV, III, I
   (C) IV, II, III, I
   (D) I, II, IV, III

3. What is an Archipelago ?
   (A) Group of many islands
   (B) Water in an island
   (C) A fish
   (D) A bird

4. G.D.P. refers to :
   (A) Goods and services produced by the economy of a country in a year
   (B) National income of a country
   (C) Aggregate of income divided by current production
   (D) None of the above

5. A black hole is a :
   (A) Star with low surface temperature
   (B) Contracted star with intense gravitational pull
   (C) Star with no atmosphere
   (D) Pulsating star

6. Which one of the following does a T.V. remote control use to operate a T.V. set ?

   (A) Light waves

   (B) Sound waves

   (C) Micro waves

   (D) Radio waves

7. The stones formed in human kidney consists of :

   (A) Calcium oxalate

   (B) Sodium acetate

   (C) Magnesium sulphate

   (D) Calcium

8. The speed of the light will be minimum while passing through :

   (A) Glass

   (B) Vacuum

   (C) Water

   (D) Air

9. The half life of a radioactive element is 5 years. The fraction of radioactive substance that remains after 20 years is :

   (A) 1/2

   (B) 1/4

   (C) 1/8

   (D) 1/16

10. The approximate velocity of light per second is :

    (A) $3 * 10^{10}$ meters

    (B) $3 * 10^{12}$ meters

    (C) $3 * 10^8$ meters

    (D) $3 * 10^6$ meters

11. Cloudy nights are warmer than clean nights due to :

   (A)   Prevention of heat radiated out by earth from escaping into the sky

   (B)   Reflection of heat waves radiated out by the earth

   (C)   Both of above

   (D)   None of the above

12. Mrs. Benazir Bhutto of PPP was killed on :

   (A)   31st December, 2007

   (B)   25th December, 2007

   (C)   28th December, 2007

   (D)   None of the above

13. Gamma rays is :

   (A)   Emitted by radioactive substance having most penetrating power of short wavelength

   (B)   Emitted by radioactive substance positively charged and can be absorbed by thin sheet of paper

   (C)   Radioactive wave

   (D)   Infrared wave

14. The Sensex crossed for the first time 15 K in :

   (A)   November, 2007

   (B)   October, 2007

   (C)   December, 2007

   (D)   None of the above

15. Why pipes carrying water often burst in severe cold ?

   (A)   Water expands and pipes contract below 4 degree centigrade

   (B)   Pipes contract below 4 degree centigrade

   (C)   Water expand below 4 degree centigrade

   (D)   None of the above

16. Why ones breath is visible in cold weather ?

    (A) Breath evaporates slowly

    (B) Breath condenses as soon as it comes out of mouth

    (C) It freezes immediately

    (D) None of the above

17. Antidote is :

    (A) A remedy for counteracting a poison

    (B) A drug for destroying germs

    (C) A chemical to inhibit activities of germs

    (D) None of the above

18. Biennial means :

    (A) A plant that lives only for two seasons

    (B) A plant that lives for two years

    (C) A plant that lives for two months

    (D) A plant that reproduces twice in a season

19. Tissue culture is :

    (A) Technology of artificially duplicating or cloning cells, tissues and organs of living organism to induce genetic purity

    (B) Technology that reduces impurity

    (C) Technology of reproduction

    (D) Technology that checks activities of tissues

20. Trout is a :

    (A) Sea water fish

    (B) Fresh water fish

    (C) Large bird

    (D) None of the above

21. Which of the following is a computer programming language ?

   (A) Windows

   (B) PASCAL

   (C) BASIC

   (D) COBOL

22. A byte is made up of :

   (A) Eight decimal digits

   (B) Two decimal digits

   (C) Eight binary digits

   (D) Two binary digits

23. Choose the exact meaning of 'Sleeping Partner' :

   (A) Partner who holds minimum shares

   (B) Managing partner

   (C) Partner who is not actually involved in running business

   (D) Partners who is always sleeping

24. Transistors are associated with which computer system ?

   (A) 1st Generation

   (B) 2nd Generation

   (C) 3rd Generation

   (D) 2nd and 3rd Generation

25. The full form of the abbreviation 'i.e.' is :

   (A) Id est.

   (B) In example

   (C) Ideal example

   (D) That is

26. A keyboard of a computer has :

   (A)   12 Function keys

   (B)   10 Function keys

   (C)   9 Function keys

   (D)   15 Function keys

27. Find odd out :

   (A)   Home page

   (B)   Hyperlink

   (C)   Web page

   (D)   Title page

28. An Ombudsman in public undertakings :

   (A)   Examines and report on complaints

   (B)   Examine quality of goods

   (C)   Fixes salary of labourers

   (D)   None of the above

29. An algorithm :

   (A)   May be infinite

   (B)   Must be finite, definite and must have an output

   (C)   May have no output

   (D)   Need not to be definite

30. A computer executes at a time :

   (A)   Only one instruction

   (B)   Millions instructions

   (C)   Ten instruction

   (D)   None of the above

31. The theory of 'Social contract' was advocated by :

    (A)   Plato

    (B)   Rousseau

    (C)   Machiavelli

    (D)   Green

32. What is the title of A.P.J. Abulkalam's autobiography ?

    (A)   Me and Missiles

    (B)   Sky is the limit

    (C)   My memoirs

    (D)   Wings of fire

33. Which among the following books was awarded Nobel Prize for 1999 ?

    (A)   Disgrace

    (B)   The Twin Drum

    (C)   Spirit of Freedom

    (D)   Life and Times of Michael

34. Which one of the following is *correctly* matched ?

    (A)   Shahanama..........Omar Khayam

    (B)   Lajja.......Qurutul-ain-Haider

    (C)   The Rubayat...........Abl Fazal

    (D)   Gule-Nagma---------Firaq Gorakhpuri

35. Which one of the works deals with the history of Kashmir ?

    (A)   Gandavasha

    (B)   Harshcharita

    (C)   Rajtarangini

    (D)   Vikrammkadevacharita

36. Which book is considered as the bible of communism ?

   (A) Affluent society

   (B) War and Peace

   (C) Das Capital

   (D) Gulag Archipelago

37. "Our sweetest songs are those that tell of the saddest thought" was said by :

   (A) P.B. Shelley

   (B) Shakespeare

   (C) Wordsworth

   (D) Keats

38. Who wrote Gitanjli ?

   (A) R.N. Tagore

   (B) Kautilya

   (C) Kabir

   (D) Nirad Chaudri

39. The Nobel peace prize during 2007 was awarded to :

   (A) Al Gore

   (B) R.K. Prachuri

   (C) Al Gore and R.K. Prachuri's panel on climate change

   (D) F.M. Hussein

40. Fabianism is closely related to :

   (A) Fascism

   (B) Democratic Socialism

   (C) Scientific Socialism

   (D) Liberalism

41. The birth rate measures the number of births during a year per :

   (A) 10,000 of population

   (B) 1,000 of population

   (C) 1,00,000 of population

   (D) 100 of population

42. Seasonal migration of men and animals from lower to higher altitudes during summer is known as :

   (A) Nomadism

   (B) Migration

   (C) Transhumance

   (D) Pastoralism

43. The terms 'Bull and Bear' are associated with :

   (A) Banking

   (B) Domestic trade

   (C) Stock exchange

   (D) Foreign trade

44. Eco system means :

   (A) Men relation to environment only

   (B) Plants in relation to environment only

   (C) Settlement in which men lives

   (D) Man, animals, plants, environment and their relationship

45. Mona Lisa is :

   (A) A folk dance of Italy

   (B) A world famous painting

   (C) Famous Hollywood actress

   (D) A famous character of William Shakespeare

46. Coup d' etat means :

    (A) Declaration of emergency in disturbed area

    (B) Promotion of presidential rule

    (C) Dissolution of Parliament

    (D) Violent change of Government

47. Ergonomics is the science of :

    (A) Economics of earth

    (B) Soil and crop

    (C) Efficiency of workers

    (D) Economics of living organisms

48. A boat will submerge when it displaces water equal to its own :

    (A) Volume

    (B) Weight

    (C) Surface area

    (D) Density

49. If a and b are positive integers such that $a^b = 125$, then $(a - b)^{a+b-4}$ is equal to :

    (A) 16

    (B) 25

    (C) 28

    (D) 30

50. Seven Jawans die in terror attack on a RPF camp on first January, 2008 at :

    (A) Rambagh (Kashmir)

    (B) Rampur (U.P.)

    (C) Udhampur (Jammu)

    (D) None of the above

51. Evaluate :

$$\frac{-(4-6)^2 - 3(-2) + |-6|}{18 - 9 + 3*5}$$

    (A) $\dfrac{3}{8}$

    (B) $\dfrac{4}{7}$

    (C) $\dfrac{8}{3}$

    (D) $\dfrac{7}{4}$

52. A train is travelling at the rate of 45 kg/hr. How many seconds it will take to cover a distance of 4/5 kilometers ?

    (A)   36
    (B)   64
    (C)   90
    (D)   120

53. Where people voted in first-ever democratic process on 31st December, 2007 ?

    (A)   Nepal
    (B)   Bhutan
    (C)   Sri Lanka
    (D)   South Korea

54. Sociology is :

    (A)   Geographical transportation of soil particles
    (B)   Science of human behaviour
    (C)   Science of human settlement
    (D)   Science of evolution, structure and functions of human society

55. Amnesia refers to :

    (A)   Loss of appetite
    (B)   Loss of memory
    (C)   Loss of sight
    (D)   Loss of sense of touch

56. Teacher's day is celebrated on :

    (A) 5th September

    (B) 2nd October

    (C) 2nd November

    (D) 11th May

57. Find related number to complete the following analogy :

    5 : 36 :: 6 ?

    (A) 48

    (B) 50

    (C) 49

    (D) 56

58. Find the related word to complete the following analogy :

    ADHM : ZWSN :: CFJO ?

    (A) YVRM

    (B) WTPK

    (C) XUQL

    (D) ZXVT

59. If you are eleventh in a queue starting either end, how many are there in the queue ?

    (A) Eleven

    (B) Twenty

    (C) Twenty two

    (D) Twenty one

60. 'A square peg in a round hole' means :

    (A) An incomplete task

    (B) A scheme that never works

    (C) A person unsuited to the position he fills

    (D) None of the above

M. Lib. Science

1. Which of the following alloys does *not* contain copper ?

   (a) Brass

   (b) Bronze

   (c) Stainless steel

   (d) German silver

2. Endosperm in an angiosperm is a tissue which is generally :

   (a) Diploid

   (b) Triploid

   (c) Haploid

   (d) Polyploid

3. Protoplasm is :

   (a) Physical basis of life

   (b) Chemical basis of life

   (c) Both of the above

   (d) None of the above

4. Dewar method is used for separation of :

   (a) Halogens

   (b) Lanthanides

   (c) Actinides

   (d) Noble gas

5. A moving charge produces :

   (a) Electric field only

   (b) Magnetic field only

   (c) Both of them

   (d) None of them

6. The spectrum of carbon monoxide will be a :

    (a) Line spectrum

    (b) Fluorescence spectrum

    (c) Band spectrum

    (d) None of the above

7. The study of interaction between living organisms and environment is called :

    (a) Ecosystem

    (b) Phytogeography

    (c) Ecology

    (d) Phytosociology

8. A steam engine converts heat energy into :

    (a) Electrical energy

    (b) Magnetic energy

    (c) Mechanical energy

    (d) Chemical energy

9. $005 \times ? = 500$

    (a) 100

    (b) 1000

    (c) 10000

    (d) 100000

10. Which will be the next number in the series : 2, 6, 24, 120, 720....

    (a) 24440

    (b) 5040

    (c) 4080

    (d) 3400

11. Fungi are :

  (a) Filamentous

  (b) Thalloid

  (c) Both of the above

  (d) None of the above

12. Protonema is formed by the germination of :

  (a) Gemmae

  (b) Spores

  (c) Zygote

  (d) Tubers

13. Ligaments join :

  (a) Muscle to bone

  (b) Skin to muscles

  (c) Nerves to muscles

  (d) Bone to bone

14. Genetic differences between cells arise from :

  (a) Mitosis

  (b) Meiosis

  (c) Both of the above

  (d) None of the above

15. Adam Smith was chief founder of :

  (a) Classical economics

  (b) Cambridge school of economics

  (c) Chicago school of economics

  (d) None of the above

16. According to Hobbes the State of Nature was one of :

   (a) Peace and plenty

   (b) Peace and scarcity

   (c) Harmony

   (d) Constant warfare

17. Who of the following advocated 'survival of the fittest' ?

   (a) Adam Smith

   (b) Laski

   (c) Herbert Spencer

   (d) Marx

18. Who said that property is the source of power ?

   (a) Aristotle

   (b) Machiavelli

   (c) Plato

   (d) Bodin

19. The Social Contract theory deals with :

   (a) The origin of the State

   (b) The future of the State

   (c) The purpose of the State

   (d) None of the above

20. Population when unchecked increases in geometric ratio while subsistence increases in arithmetical ratio, says :

   (a) Malthus

   (b) Freud

   (c) K. Dvais

   (d) MacIver

21. Fixed cost is known as :

    (a) Special cost

    (b) Direct cost

    (c) Prime cost

    (d) Overhead cost

22. Who defined Sociology a 'scheme for scientific social development' ?

    (a) Auguste Comte

    (b) G.D. Mitchell

    (c) Montesque

    (d) J.B. Mckee

23. Who propounded the Risk Theory of Profit ?

    (a) Hawley

    (b) J.S. Bain

    (c) Frank H. Knight

    (d) P.A. Samuelson

24. Indian National Congress was founded by :

    (a) W.C. Bannerjee

    (b) Gopal Krishan Gokhle

    (c) A.O. Hume

    (d) Mahatma Gandhi

25. The downward erosion of a river is called :

    (a) Base level of erosion

    (b) Ground level of erosion

    (c) Sea level of erosion

    (d) None of the above

26. Which of the following is an example of high tides ?

    (a)   Neap tides

    (b)   Spring tides

    (c)   Tropical and equatorial tides

    (d)   None of the above

27. Who said that Geography is a chorological science ?

    (a)   Hettner

    (b)   Ritler

    (c)   Ritchthopen

    (d)   Huntington

28. The *bad blood* between India and Pakistan appears to end now.

Select one of the following that best expresses the meaning of the idiom.

    (a)   quarrels

    (b)   bloody fights

    (c)   ill-feeling

    (d)   impure blood

29. The humble scientist felt he was merely a......in the wheel of progress.

    (a)   bearing

    (b)   cog

    (c)   rim

    (d)   gear

30. What is the synonym of pseudonym ?

    (a)   Nickname

    (b)   Surname

    (c)   Alias

    (d)   None of the above

31. The antonym of infallible is :

   (a) Undependable

   (b) Erring

   (c) Untrustworthy

   (d) Dubious

32. Mark the odd one out :

   (a) Hamlet

   (b) Macbeth

   (c) The Merchant of Venice

   (d) The Future Shock

33. The biggest library in the world is :

   (a) National Library of India

   (b) The British Library

   (c) Bibliotheque nationale

   (d) Library of Congress

34. If you want to know whether a library has a particular book you consult:

   (a) Librarian

   (b) Bibliography

   (c) Library's catalogue

   (d) Library's gatekeeper

35. Choose the odd one out :

   (a) Indian Express

   (b) Hindustan Times

   (c) India Today

   (d) The Hindu

36. The National Library of India is located at :
    (a) New Delhi
    (b) Bombay
    (c) Banglore
    (d) Kolkata

37. Largest Airport in the world is :
    (a) Heathrow Airport
    (b) King Abdul Aziz International Airport
    (c) John F. Kennedy Airport
    (d) None of the above

38. Kashmir the wounded valley is authored by :
    (a) M.J. Akbar
    (b) GMD Sufi
    (c) Mohammad Din Fouq
    (d) Ajit Bhattacharjee

39. Freedom at Midnight is a book written on :
    (a) Disintegration of USSR
    (b) Division of Jammu & Kashmir
    (c) Partition of India
    (d) World Trade Organization

40. Information is :
    (a) Raw data
    (b) Processed data
    (c) Unorganized data
    (d) None of the above

41. Which of the following is *not* used in fiber optics ?

    (a)   Silica

    (b)   Steel

    (c)   Plastic

    (d)   Glass

42. Which of the following is a primary source of information ?

    (a)   Encyclopedia

    (b)   Book

    (c)   Journal

    (d)   Handbook

43. Physical components of a computer are called :

    (a)   Software

    (b)   Hardware

    (c)   Humanware

    (d)   GIGO

44. CD-ROM is a :

    (a)   Programming Language

    (b)   Software

    (c)   Storage Medium

    (d)   None of the above

45. Internet is a :

    (a)   Global network

    (b)   US network

    (c)   European Union's network

    (d)   SARC network

46. Visual Display Unit of a computer is a :

    (a)   Storage device

    (b)   Input device

    (c)   Output device

    (d)   Debugging device

47. DBMS stands for :

    (a)   Database Mechanical System

    (b)   Database Machines Systems

    (c)   Database Management System

    (d)   None of the above

48. The Capital of Saudi Arabia is :

    (a)   Jeddah

    (b)   Mecca

    (c)   Madina

    (d)   Riyad

49. Secretary General of UNO is :

    (a)   Kofi Annan

    (b)   Butras Butras Gali

    (c)   Ban Ki-moon

    (d)   Anna Swell

50. Where is tomb of Jahangir situated ?

    (a)   Agra

    (b)   Delhi

    (c)   Lahore

    (d)   Sialkot

51 Recent Sachar Committee report highlighted :.

    (a)   Acute deprivation of Muslims

    (b)   Terrorist tendencies among Muslims

    (c)   Religious activities of Muslims

    (d)   Scholarly pursuits of Muslims

52. Which one is *not* one of the seven wonders of the world ?

    (a)   The Pyramids of Khufu

    (b)   The Colossus of Rhodes

    (c)   Taj Mahal

    (d)   The Pharos of Alexandria

53. Ain-I-Akbari was written by :

    (a)   Abdul Qadir Badauni

    (b)   Birbal

    (c)   Nazie Amad

    (d)   Abul Fazal

54. Which word is wrongly spelt ?

    (a)   Homogeneous

    (b)   Isosceles

    (c)   Vaccum

    (d)   Cylindrical

55. Singur in West Bengal hit the media recently because of :

    (a)   Clashes between Communists and Dalits

    (b)   Acquisition of land for a car factory

    (c)   Drought damaging crops

    (d)   Power cuts

56. Take the odd one out :

    (a)   Srinagar

    (b)   Muzaffarabad

    (c)   Jammu

    (d)   Sialkot

57. Chief Justice of India is :

    (a)   Justice Y.K. Sabharwal

    (b)   Justice K.G. Balakrishnan

    (c)   Justice Mokundakam Sharma

    (d)   Justice Virendra Jain

58. Take the odd one out :

    (a)   Shiekh Mohammad Abdullah

    (b)   Gulam Muhammad Sadiq

    (c)   Mirza Mohammad Afzal Beig

    (d)   Sayid Mir Qasim

59. Which of the following is *not* a permanent member of UN Security Council ?

    (a)   China

    (b)   Russia

    (c)   Japan

    (d)   UK

60. Whose verse is this : Yun to sayid bhi ho, Mirza bhi ho, Afghan bhi ho Tum sabhi kuch ho Bataw tum Musalaman bhi ho :

    (a)   Mirza Ghalib

    (b)   Ibrahim Zoq

    (c)   Maulana Shibli

    (d)   Sir Mohammad Iqbal

MLIS

1. Molish's test is used to :

   (a) Detect sugar in a solution

   (b) Detect carbohydrates in a solution

   (c) Determine molecular weight

   (d) Determine halogen in a compound

2. Which country is leading in cotton production in the world ?

   (a) India

   (b) Pakistan

   (c) USA

   (d) Bangla Desh

3. Tigris river is in :

   (a) New York

   (b) Ankara

   (c) Egypt

   (d) Baghdad

4. Earth completes one rotation on its axis in :

   (a) 24 hours

   (b) 23 hours 30 minutes

   (c) 23 hours 56 minutes 4.9 seconds

   (d) 23 hours 58 minutes

5. The most abundant element in the earth's atmosphere is :

   (a) Oxygen

   (b) Argon

   (c) Krypton

   (d) Nitrogen

6. The planet nearest to the earth is :

   (a) Pluto

   (b) Mercury

   (c) Mars

   (d) Venus

7. Sickman of Europe is the name for :

   (a) Italy

   (b) Turkey

   (c) Rome

   (d) None of the above

8. The world's largest airport is :

   (a) Heathrow, London

   (b) John F. Kennedy, New York

   (c) Santa Kruz, Mumbai

   (d) King Abdul Aziz, Jeddah

9. Headquarters of UNO is at :

   (a) New York

   (b) Paris

   (c) Washington

   (d) Geneva

10. 'Rajatarangini' is the history of :

   (a) Indian Subcontinent

   (b) Sindh

   (c) Patna

   (d) Kashmir

11. How many members are there in a football team ?

    (a) 10

    (b) 12

    (c) 13

    (d) 11

12. Nobel Prize was first instituted in the year :

    (a) 1945

    (b) 1919

    (c) 1901

    (d) 1900

13. The deepest lake in the world is :

    (a) Red sea

    (b) Caspian sea

    (c) Baikal

    (d) Arabian sea

14. The newspaper 'Dawn' is published from :

    (a) Mysore

    (b) Dharwad

    (c) Bangalore

    (d) Karachi

15. 'Decibel' is the unit of :

    (a) Light

    (b) Sound

    (c) Heat

    (d) None of the above

16. Oxygen was discovered by :

(a) Priestley

(b) Neil Bohr

(c) Gregory Mendel

(d) John Harrison

17. Metals are good conductors of electricity because :

(a) They contain free electrons

(b) The atoms are lightly packed

(c) They have high melting point

(d) All of the above

18. The element used in the electric filament is :

(a) Copper

(b) Tungsten

(c) Iron

(d) Aluminium

19. Which of the following is a physical change ?

(a) Burning of cooking gas

(b) Souring of milk

(c) Dissolution of sugar in water

(d) Digestion of food

20. Enzyme is a :

(a) Carbohydrate

(b) Protein

(c) Fatty acid

(d) Nucleic acid

21. Tick the odd one out :

    (a) Greater Kashmir

    (b) Alsafa

    (c) Srinagar Times

    (d) Kashmir Times

22. Tick the odd one out :

    (a) Central Processing Unit

    (b) Visual Display Unit

    (c) Keyboard

    (d) MS-Dos

23. The number of districts in J & K is :

    (a) 8

    (b) 6

    (c) 9

    (d) None is correct

24. Kashmir University is accredited as :

    (a) A grade university

    (b) B grade university

    (c) D grade university

    (d) C grade university

25. Tick the odd one out :

    (a) The Indian Express

    (b) The Times of India

    (c) Hindustan Times

    (d) India Today

26. The Theory of Social Contract was first propounded in :

    (a) Two Treatises of Civil Government

    (b) Leviathan

    (c) Social Contract

    (d) None of the above

27. Leguminous plant gives strength to the soil because :

    (a) They fix atmospheric nitrogen

    (b) They release extra oxygen

    (c) Fertilize the soil on decay

    (d) Their roots hold the soil and prevent soil erosion

28. The standard of living in a country is represented by its :

    (a) National income

    (b) Per capita income

    (c) Poverty ratio

    (d) Employment graph

29. Judges of High Court in India are appointed by :

    (a) Chief Justice of India in consultation with President

    (b) President of India in consultation with Governor of the state

    (c) President of India in consultation with Prime Minister

    (d) None of the above

30. Capital of USA is :

    (a) New York

    (b) Chicago

    (c) Washington DC

    (d) Ohio

31. Kashmir came under Mughal rule during the reign of :

   (a) Jahangir

   (b) Shah Jehan

   (c) Akbar

   (d) Humayun

32. If $x + x/4 = 4$, then $x = ?$

   (a) 3

   (b) 2

   (c) 4

   (d) 5

33. Magsaysay awards are named after a President of :

   (a) Burma

   (b) Thailand

   (c) China

   (d) Philippines

34. Q is shorter than P, but taller than R, R is shorter than P, but taller than A. If they are put in ascending order of their height, the sequence is :

   (a) ARQP

   (b) AQRP

   (c) QPAR

   (d) RPQA

35. Maple leaf resembling Chinar leaf is found on the national emblem of :

   (a) Italy

   (b) Germany

   (c) Canada

   (d) Barbados

36. Ringgit is the currency of :

   (a) Peru

   (b) Austria

   (c) Malaysia

   (d) Nigeria

37. 'Majlis' is the name of the Parliament of which of the following ?

   (a) Maldives

   (b) Libya

   (c) Sudan

   (d) Tunisia

38. The biggest planet is :

   (a) Mars

   (b) Mercury

   (c) Venus

   (d) Jupiter

39. The term 'Butterfly' is associated with :

   (a) Gold

   (b) Swimming

   (c) Rowing

   (d) Basketball

40. Chief Minister of Delhi is :

   (a) Sushma Swaraj

   (b) Madan Lal Khurana

   (c) Sheila Dikshit

   (d) Sahib Singh Verma

41. Minister for HRD in Union Government is :

   (a) Murli Manohar Joshi

   (b) Jaswant Singh

   (c) Arun Jaitley

   (d) None of the above

42. Harsh Dev Singh in J & K Government is :

   (a) Minister of Education

   (b) Minister for Tourism

   (c) Minister for Industries

   (d) Minister for Health

43. The biggest library in the world is :

   (a) The British Library

   (b) Library of Congress

   (c) National Library of India

   (d) Bibliotheque Nationale

44. Visa to visit a foreign country is issued by :

   (a) Mother country

   (b) Host country

   (c) WTO

   (d) UNO

45. The Royal Bhutan Army is in news these days for :

   (a) Fighting foreign forces

   (b) Mopping up operations against militants

   (c) Controlling smuggling

   (d) Fighting floods

46. Red Fort in India was recently in news because :

    (a) Having been declared closed for public

    (b) Having been handed over to Ministry of Tourism and Culture

    (c) Having been included in UNESCO's World Heritage List

    (d) Having been renovated

47. Thiruvananthapuram is the capital of :

    (a) Karnataka

    (b) Chattisgarh

    (c) Uttaranchal

    (d) Kerala

48. BSNL stands for :

    (a) Bihar State National League

    (b) Bharat Sanchar Nigam Limited

    (c) Bangalore State National Link

    (d) None of the above

49. ONGC stands for :

    (a) Orissa National Gas Commission

    (b) Olympic National General Council

    (c) Oil and Natural Gas Corporation

    (d) Oxford National Games Committee

50. ATM stands for :

    (a) American Telephone Market

    (b) Australian Transport Mobile

    (c) Automatic Teller Machine

    (d) None of the above

51. Tick the odd one out :

    (a) Tashkent Declaration

    (b) Simla Agreement

    (c) Agra Summit

    (d) Indus Water Treaty

52. World Summit on Information Society was recently held at :

    (a) New York

    (b) London

    (c) Geneva

    (d) Paris

53. SIM card stands for :

    (a) Software Instrument Monitor

    (b) Subscriber Identification Module

    (c) Subscriber Instrument Machine

    (d) Small Industries Market

54. PIN stands for :

    (a) Postal Index Number

    (b) Print In Number

    (c) Press Information Number

    (d) Press International

55. Tick the odd one out :

    (a) Physics

    (b) Chemistry

    (c) Biotechnology

    (d) Sociology

56. Gutenberg Revolution refers to :

    (a) Political Revolution in France

    (b) Rise of Democracy in the World

    (c) Communist Revolution in China

    (d) Invention of Movable Printing

57. Braille books are used by :

    (a) Children

    (b) Adolescents

    (c) Deaf and dumb

    (d) None of the above

58. Floppy Disc is a :

    (a) Storage and retrieval medium

    (b) Software for games

    (c) Printing device in computers

    (d) None of the above

59. The smallest unit of computer memory is :

    (a) Byte

    (b) Kilobyte

    (c) Megabyte

    (d) None of the above

60. Internet is :

    (a) International Network

    (b) Indian Network

    (c) European Network

    (d) None of the above

61. WWW stands for :

(a) World War Weapons

(b) World Women Web

(c) World Wide Web

(d) Warsaw War Weapons

62. Tick the odd one out :

(a) e-mail

(b) IRC

(c) Bulletin Board

(d) Chalk

63. Old name of Zimbabwe is :

(a) Rhodesia

(b) Ceylon

(c) Tunisia

(d) Ethiopia

64. Mouse is a :

(a) device used in computers

(b) device used in gear box of automobiles

(c) term used in pharmaceutical companies

(d) None of the above

65. Highest population in the world is of :

(a) Muslims

(b) Hindus

(c) Christians

(d) Buddhists

66. The highest production of tea in the world is in :

    (a) Canada

    (b) China

    (c) Ghana

    (d) India

67. 'Future Shock' was written by :

    (a) N.C. Choudhary

    (b) Alvin Toffler

    (c) William Shakespeare

    (d) Khalil Gibran

68. CNN is a TV channel of :

    (a) USA

    (b) UK

    (c) Canada

    (d) Australia

69. NIT is the new name of :

    (a) Regional Engineering Colleges

    (b) CEDT's New Institutions for Computer Education

    (c) Informatics India's New Institutes for Software Training

    (d) None of the above

70. Tick the odd one out :

    (a) India

    (b) Pakistan

    (c) USA

    (d) Iran