

Ph.D. ENTRANCE TEST-2023**SUBJECT (HOME SCIENCE)
(HUMAN DEVELOPMENT)**

Total Questions: 100

Time Allowed : 110 Minutes

Roll No.

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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 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 answers sheet including answers to questions are to be recorded in the original copy only.
4. Use only blue/ black ball point pen to darken the circle of correct / most appropriate response. In no gel/ ink pen or pencil should be used.
5. Do not darken more the one circle of option for any question. A question with more than one dark response shall be considered wrong.
6. There will be no "Negative Marking" for wrong answers.
7. Only those candidates who would obtain positive score in entrance test examination shall be eligible for admission
8. Do not make any stray mark on the OMR sheet
9. Calculators and mobiles shall not be permitted inside the examination hall
10. Rough work, if any, should be done on the blank sheets provided with the question booklet.
11. OMR answer sheet must be handled carefully and it should not be folded or mutilated in such case it will not be evaluated.
12. Ensure that your OMR Answer sheet has been signed by the invigilator and the candidate himself/herself.
13. 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.
14. If any of the information in the response sheet/question paper has been found missing or not mentioned as stated above the candidate is solely responsible for that lapse.

SEAL

Part I (General Aptitude 2023)

1. Tariq wants to sell a watch at a profit of 20%. He bought it at 10% less and sold it at ₹ 30 less, but still he gained 20%. The cost price of watch is.....
 - A. ₹ 250
 - B. ₹ 225
 - C. ₹ 240
 - D. ₹ 220
2. If today is Sunday then three days from now will be....
 - A. Saturday
 - B. Friday
 - C. Thursday
 - D. Wednesday
3. Absar is brother of Mehdi. Iqra is sister of Gulshan. Mehdi is son of Iqra. How is Absar related to Iqra?
 - A. Son
 - B. Brother
 - C. Nephew
 - D. Father
4. Ankit can do a piece of work in 6 days and Basharat in 9 days. How many days will both take together to complete the work?
 - A. 7.5 days
 - B. 5.4 days
 - C. 3.6 days
 - D. 3 days
5. The book "To Hell and Back: Humans of COVID" is authored by?
 - A. Kavitha Iyer
 - B. Jhumpa Lahiri
 - C. Barkha Dutt
 - D. Arundhati Roy
6. If PARTICLE is coded RCTVKENG, then how is SCIENCE coded?
 - A. TBJUOMF
 - B. TDJFODF
 - C. UEKGPEG
 - D. QBSUDMF
7. Where is the headquarter of the United Nations Environment Programme (UNEP) located?
 - A. Nairobi, Kenya
 - B. Venice, Italy
 - C. Munich, Germany
 - D. Geneva, Switzerland
8. Two years ago, Jane's age was three times Sam's age. If Jane is now 18, how old is Sam?
 - A. 6 years
 - B. 8 years
 - C. 10 years
 - D. 12 years
9. If WORK is coded as 4-12-9-16, then how will WOMAN be coded?
 - A. 4-12-14-26-13
 - B. 4-26-14-13-12
 - C. 23-12-26-14-13
 - D. 123-15-13-1-14
10. Which of the following states is not included in the sixth schedule of Indian Constitution?
 - A. Meghalaya
 - B. Tripura
 - C. Mizoram
 - D. Manipur

11. Letter : Word

- A. Homework : School
- B. Club : People
- C. Product : Factory
- D. Page : Book

12. The speed of a bus is 54 km/h if we don't let it stop at any point. If the bus stops at the bus-stops, the speed of the bus is 45 km/h. What is the time that the bus stops for per hour?

- A. 7 mins
- B. 10 mins
- C. 21 mins
- D. 22 mins

13. Blood does not coagulate inside the body due to the presence of _____?

- A. Fibrin
- B. Haemoglobin
- C. Heparin
- D. Plasma

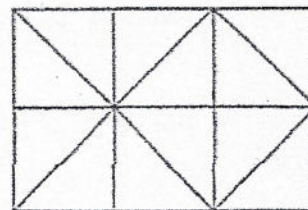
14. If a triangle has angles measuring 30 degrees, 60 degrees, and 90 degrees, what type of triangle is it?

- A. Equilateral
- B. Isosceles
- C. Scalene
- D. Right-angled

15. The of the Minister's statement cannot be verified by people who have no access to official records.

- A. veracity
- B. verbosity
- C. ambiguity
- D. validity

16. The number of squares in the given figure is.....



- A. 7
- B. 8
- C. 9
- D. 10

17. What is the percentage of profit if the cost price is 95% of the selling price?

- A. 5%
- B. 5.26%
- C. 4%
- D. 4.75%

18. If you start facing east and turn 135 degrees clockwise, which direction are you facing now?

- A. North
- B. West
- C. North-East
- D. South-East

19. Pradhan Mantri Garib Kalyan Anna Yojana (PMGKAY) has been extended till which year recently?

- A. 2025
- B. 2028
- C. 2030
- D. 2032

20. Who is the present chairman of ISRO?

- A. Sh. Heeralal Samariya
- B. Sh. Harsh Chouhan
- C. Sh. Ravneet Kaur
- D. Sh. S Somanath

Question paper for PhD Entrance Test in Home Science (Human Development)

Part-II (BASIC/ CONVENTIONAL QUESTIONS)

Q21. Human developmental Psychology seeks to describe, explain, predict and _____ changes that may occur.

- a. Improve
- b. Influence
- c. Reduce
- d. Ignore

Q22. Which of the following is not a feature of a questionnaire?

- a. Items are changed in categories to ensure easy and accurate answers
- b. Double negatives are avoided
- c. It is easy to tabulate, summarize and interpret
- d. It deals with insignificant topic thereby not attracting the responses

Q23. Which of the following is a disadvantage of Sociometric method?

- a. It is easy and valid method
- b. Suitable to most of the situations
- c. Difficult to contact all members in the group
- d. More than one leader can be located for different jobs at the same time

Q24. The number of cards in TAT is

- a. 21
- b. 31
- c. 41
- d. 42

Q25. One of the 3 R's of early learning is

- a. Reasoning
- b. Routines
- c. Respect
- d. Retention

Q26. _____ believed that there are sensitive periods when children are more susceptible to certain behaviours and can learn specific skills more easily

- a. Rousseau
- b. Froebel
- c. Montessori
- d. Piaget

Q27. Who is credited with coining the term "Kindergarten"

- a. Maria Montessori
- b. John Dewey
- c. Friedrich Froebel
- d. John Locke

Q28. The medium of instructions for early childhood education should be "mother tongue" was emphasised by

- a. Mahatma Gandhi
- b. John Dewey
- c. Rabindra Nath Tagore
- d. Both A & C

Q29. The theme of the description "Early development is related to later development but not perfectly" is

- a. Nature -nurture
- b. Active- passive child
- c. Continuity-discontinuity
- d. Connection of domains

Q30. _____ is a thick greasy substance that protects the skin of the fetus

- a. Wax
- b. Vernix
- c. Wasonil
- d. None of the above

Q31. The visual cliff is used to assess

- a. Colour perception
- b. Visual acuity
- c. Depth perception
- d. Retinal disparity

Q32. The collection of physical changes that occur during early adolescence is called

- a. Puberty
- b. Menarche
- c. Spermatarche
- d. Primary sexual maturity

Q33. _____ means that managers attempt to assure that the organization is moving towards its goal

- a. Planning
- b. Organizing
- c. Controlling
- d. Leading

Q34. The ability to work with, understand and motivate others either as individuals or as groups is called

- a. Technical skill
- b. Human skill
- c. Conceptual skill
- d. None of the above

Q35. All are functions of management EXCEPT

- a. Planning
- b. Staffing
- c. Directing
- d. Executing

Q36. Who is most likely to be at the peak of physical health for his life time?

- a. 18-year-old Ali
- b. 28-year-old Ahmad
- c. 38-year-old Zia

d. 48-year-old Zaid

Q37. During early middle age, less leisure time is spent in _____ activities

- a. Social
- b. Intellectually demanding
- c. Strenuous/physical
- d. All of the above

Q38. According to Erikson, _____ becomes of increased importance during middle adulthood

- a. Identity
- b. Integrity
- c. Intimacy
- d. Generativity

Q39. _____ is caused by interruptions in blood flow in the brain

- a. Cardiac arrest
- b. A stroke
- c. Hypertension
- d. Chronic obstructive pulmonary disease

Q40. _____ is a limitation imposed on a person by the environment and the person's capacity to cope with that limitation

- a. Disorder
- b. Disability
- c. Handicap
- d. All of the above

Q41. A sense of hearing that is deficient but somewhat functional is called as

- a. Deaf
- b. Hard of hearing
- c. Sensorineural hearing loss
- d. Conductive hearing loss

Q42. Visual acuity greater than 20/200 but not greater than 20/70 in the better eye after correction is called

- a. Tunnel vision
- b. Partially sighted
- c. Blind
- d. Both B & C

Q43. A _____ is a speech problem involving abnormal repetitions, prolongations and hesitations as one speaks

- a. Stuttering
- b. Articulation problems
- c. Voice problems
- d. All of the above

Q44. _____ maintains that an act is creative if the thinker reaches the solution in a sudden closure which necessarily implies some novelty to him

- a. Guilford
- b. Thurstone
- c. Taylor
- d. Stein

Q45. The key personality traits of highly creative people does not include

- a. Self discipline about work
- b. Perseverance
- c. Unwillingness to take risks
- d. Ability to wait for rewards

Q46. Minnesota test of creative thinking was developed by

- a. Torrance
- b. Guilford
- c. Runer
- d. Flanagan

Q47. Creativity for _____ is a maximum of self actualizing

- a. Maslow
- b. Rogers
- c. Goldstein
- d. Freud

Q48. _____ as a process helps individuals in self understanding and self direction

- a. Introspection
- b. Evaluation
- c. Guidance
- d. Counselling

Q49. To strike and probe into the deeper part of the psyche is the goal of _____ approach

- a. Trait and factor oriented
- b. Psycho analytical
- c. Cognitive
- d. Both B & C

Q50. The counsellor must be aware of the following human rights of the clients EXCEPT

- a. Right to participate in research
- b. Right to the use of psychological test
- c. Right to participate in decision making
- d. Right to information of the client's frequent places of visit

ADVANCED/ HIGHER VALUE QUESTIONS

PART-III

Q51. The method of studying children that provides with detailed information about behaviour helps to understand and provide the basis for predicting behaviour.

- a. Interview
- b. Observation
- c. Case study
- d. None of the above

Q52. Which among the following is a characteristic of a good case study?

- a. Continuity
- b. Confidentiality
- c. Follow up
- d. It should be based on adequate and complete data

Q53. _____ is a two way method which permits an exchange of ideas and information

- a. Case study
- b. Questionnaire
- c. Interview
- d. Observation

Q54. How many Rorschach cards have splashes of colour?

- a. 10
- b. 5
- c. 3
- d. 7

Q55. Subjective methods of studying Human development does not include

- a. Rating scales
- b. Interview
- c. Autobiography
- d. Inventory

Q56. Children Apperception Test brings to light the child's

- a. Feelings
- b. Emotions
- c. Repressed desires
- d. All of the above

Q57. A test given by Rotter, Stein and many others is a personality inventory which has features of an association test as well as of a projective technique

- a. Word association

- b. The Incomplete Sentence technique
- c. Picture completion test
- d. All of the above

Q58. The common characteristics of early childhood songs include

- a. Distinctive rhythms
- b. Understandable lyrics
- c. Limited range of notes
- d. All of the above

Q59. Integrated curriculum means

- a. Focussing primarily on one aspect
- b. Acknowledging the importance of all the aspects
- c. Both A&B
- d. None of the above

Q60. The most often used type of observation in understanding children is

- a. Non-participant
- b. Anecdotal record
- c. Both A&B
- d. None of the above

Q61. The type of sampling used to observe a less frequent behaviour is

- a. Time sampling
- b. Word sampling
- c. Event sampling
- d. All of the above

Q62. Most quality preschools plan goals in the areas excluding

- a. Social and interpersonal skills
- b. Self help and intrapersonal skills
- c. Develop a love for learning and academics
- d. Dependence and prolonged assistance

Q63. A _____ period is a time in development when a specific type of learning can take place

- a. Particular
- b. Critical
- c. Emergency
- d. Specific

Q64. This reflex involves withdrawing one's foot when the sole is pricked with a pin

- a. Withdrawal
- b. Moro
- c. Babinski
- d. Stepping

Q65. The term phonology refers to

- a. The sounds of language
- b. The study of words and their meanings
- c. The structure of a language
- d. The practical use of language

Q66. How popular a child feels in social interaction with peers is called

- a. Scholastic competence
- b. Athletic competence
- c. Social acceptance
- d. Behavioural conduct

Q67. Aggression that is unprovoked and whose sole goal is to intimidate, harass or humiliate another child is

- a. Relational aggression
- b. Reactive aggression
- c. Instrumental aggression
- d. Bullying

68. Ahmad sometimes eats uncontrollably and then vomits or takes laxatives. He appears to have

- a. Bulimia nervosa
- b. Anorexia nervosa
- c. Obesity
- d. Constipation

Q69. The highest level of moral reasoning in Kohlberg's theory is the stage of

- a. Obedience orientation
- b. Social system morality
- c. Universal ethical principles
- d. Instrumental orientation

Q70. The primary objective of _____ is the generation of additional gainful employment for the unemployed and underemployed men and women in rural areas

- a. Rashtriya Mahila Kosh
- b. Indra Awaas Yojna
- c. Jawahar Rozgar Yojna
- d. Mahila Samriddhi Yojna

Q71. The National Commission for women was setup on

- a. 31st Jan 1991
- b. 31st Jan 1992
- c. 31st Feb 1992
- d. 31st Feb 1993

Q72. Following are the principles of Integrated Child Protection Scheme EXCEPT

- a. Child protection is a shared responsibility
- b. Strengthening of a family
- c. Reducing child vulnerability
- d. Addressing protection of children in limited area

Q73. _____ was launched by the Prime Minister on 22nd Jan, 2015 at Panipat, Haryana. It addresses the declining child sex ratio and related issues of women empowerment

- a. Sarva Shiksha Abhiyan
- b. Beti Bachao, Beti Padhao
- c. Integrated program for street children

d. ICDS

Q74. The Scheme for children of working mothers came into effect in

- a. 2004
- b. 2005
- c. 2006
- d. 2007

Q75. A _____ represents a unified sense of the past, present and future

- a. Life-span construct
- b. Social clock
- c. Scenario
- d. Life story

Q76. Compared to the way he behaved at age 16, at age 25 Ali

- a. Probably has less self-control
- b. Is less likely to adhere in reckless behaviour
- c. Is less likely to adhere to social conventions
- d. Is more likely to drive at a high speed

Q77. Which of the following is associated with an increased risk of osteoporosis?

- a. Eating foods high in calcium
- b. Reducing alcohol intake
- c. Exercising
- d. Being Postmenopausal

Q78. Hassan walks very slowly, has difficulty getting in and out of chairs, and has a hand tremor. He exhibits many of the symptoms of

- a. Cardiovascular disease
- b. Alzheimer's disease
- c. Parkinson's disease
- d. Vascular dementia

Q79. The number of adults needing assistance with tasks of daily living increases dramatically after age

- a. 55
- b. 65
- c. 75
- d. 85

Q80. The proper sequence of Kubler-Ross' stages of dying is

- a. Anger, denial, depression, acceptance, bargaining
- b. Acceptance, depression, denial, anger, bargaining
- c. Denial, anger, bargaining, depression, acceptance
- d. Denial, depression, anger, bargaining, acceptance

Q81. _____ is defined as allowing a person to die by withholding available treatment

- a. A living will
- b. Durable power of attorney
- c. Active euthanasia
- d. Passive euthanasia

Q82. A rare genetic disease that occurs in every 20,000 births, is characterized by an absence of genetic materials on the seventh pair of chromosomes

- a. Trisomy, 21
- b. William's syndrome
- c. Chromosomal abnormality
- d. Fragile X syndrome

Q83. The infection caused by protozoa carried in raw meat and fecal material is

- a. Toxoplasmosis
- b. Congenital rubella
- c. Both A & B
- d. None of the above

Q84. In _____ arthritis, the body's immune system attacks its own tissues

- a. Osteoarthritis

- b. Rheumatoid arthritis
- c. Psoriatic arthritis
- d. Gout

Q85. The most common complication of amputation surgery is

- a. Phantom limb pain
- b. Stiffness of the joint
- c. Poor blood circulation
- d. None of the above

Q86. Children with _____ interact with their environment in ways that are not typical of their same age peers, as though they have difficulty making sense of the world around them

- a. Conductive disorders
- b. Habit disorder
- c. Autism spectrum disorder
- d. None of the above

Q87. The common diagnostic tests for epilepsy includes

- a. EEG's
- b. Brain scans
- c. Both A&B
- d. Only B

Q88. Creativity does not require

- a. Open thinking
- b. Problem solving skills
- c. Divergent thinking
- d. Rigid thinking

Q89. According to _____ creativity helps a conflict ridden person in releasing his inner conflicts

- a. Fromme
- b. Freud

- c. Erikson
- d. None of the above

Q90. A physical environment encourages creativity by providing

- a. A wide range of open ended material
- b. A set of limited material
- c. Unorganized class rooms
- d. Access to messy media

Q91. The _____ creativity is exemplified in the spontaneous drawings of children

- a. Inventive
- b. Productive
- c. Expressive
- d. Emergent

Q92. The truly creatives exhibit

- a. Deeper feelings
- b. Greater original responsiveness
- c. Rebelliousness and self awareness
- d. All of the above

Q93. Engaging in creativity activities can help

- a. Stave off the age-related decline in brain function
- b. Promote relaxation
- c. Reduce stress
- d. All of the above

Q94. Rogers emphasised the importance for the counsellor to be warm, genuine, empathetic and _____ individual

- a. Caring
- b. Cooperative
- c. Supporting
- d. None of the above

Q95. Cognitive approach helps the client to attain self actualization, happiness and

- a. Emotional behaviour
- b. Rational behaviour
- c. Impulsivity
- d. Socialization

Q96. Following issues of older adults may be eased by counselling

- a. Decline in physical wellbeing
- b. Decline in financial security
- c. Decline in mobility
- d. Decline in mental health problems

Q97. Learning about one's aptitudes, interests, values and personality traits is important in the development of concepts related to _____ and the utilization of these concepts in career exploration

- a. Intelligence
- b. Competence
- c. Self
- d. Motivation

Q98. The objectives of _____ guidance are to help the individual in his/her physical, emotional social and spiritual development

- a. Educational
- b. Vocational
- c. Personal
- d. Social

Q99. When a child actually experiences another child's feelings, the child is displaying

- a. Social referencing
- b. Dispositional praise
- c. Altruism
- d. Empathy

Q100. Number, word fluency, verbal meaning, inductive reasoning

and spatial orientation are all

- a. primary mental abilities
- b. Secondary mental abilities
- c. Forms of fluid intelligence
- d. Forms of crystallized intelligence