

COMMON P. G. ENTRANCE TEST – 2023 (CPET-2023)

Test Booklet No. : 017

Subject Code : 19

Hall Ticket No. :

Subject : HOME SCIENCE

TEST BOOKLET

Time Allowed : 60 Minutes

Full Marks : 80

: INSTRUCTIONS TO CANDIDATES :

1. The Test Booklet contains 16 pages including the cover page and 80 (Question No. 1 to 80) multiple choice questions.
2. DO NOT break the seal of the Test Booklet until the invigilator instructs to do so.
3. The candidates must check discrepancy, if any (like up-printed or torn or missing pages or missing questions) in the Test Booklet immediately after breaking the seal of the Test Booklet. If detected, the invigilator may be requested to replace the same.
4. Candidates are required to fill up and darken the **Hall Ticket No, Test Booklet Serial No. and OMR Answer Sheet Serial No.** in attendance sheet carefully. Wrongly filled in OMR Answer Sheet is liable for rejection.
5. Each question has four choices / answers marked (A), (B), (C), (D). Candidate has to select the most appropriate choice / answer to each question and darken the oval completely against the question number provided in the OMR Answer Sheet.
6. Indicate only one choice / answer from the options provided by darkening the appropriate oval in the OMR Answer Sheet. More than one response to a question shall be treated as a wrong answer.
7. Use only **Black Ball Point Pen** for darkening the oval for answering.
8. All the questions are compulsory and they carry equal marks. The total marks scored by a candidate depends on the number of correct choices / answers darkened in the OMR Answer Sheet. There will be no negative marking for wrong answers.
9. No candidate shall be allowed to leave the Examination Hall / Room till all OMR Answer Sheets have been collected by the invigilator.
10. On completion of the entrance test, the original OMR Answer Sheet be handed over to the invigilator. Candidates are allowed to take the second copy of the OMR Answer Sheet along with the used Test Booklet for reference.
11. Candidates are not allowed to carry any personal belongings including electronic devices such as scientific calculator, cell phones, headphones, ear buds, or any other type of devices that allow communication of any kind inside the Examination Room / Hall.
12. The candidates are advised not to scribble or make any mark on the OMR Answer Sheet except marking the answers at the appropriate places and filling up the details required. Rough work, if any, may be done in the blank sheet(s) provided at the end of the Test Booklet.
13. Any malpractice / use of unfair means will lead to your disqualification from the entrance test / admission process and may also lead to appropriate legal action as deemed fit.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

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1. Which of the following belongs to protective food groups ?
(A) Proteins and Minerals (B) Carbohydrates and Fats
(C) Vitamins and Minerals (D) Water and Roughages
2. Which of the following belongs to the major food groups category ?
(A) Fruits and vegetables (B) Millets and Wheat
(C) Sugar jaggery (D) Eggs and Meat
3. The Amino acids entering the body through diets are known as :
(A) Non-essential Amino acids (B) Essential Amino acids
(C) Simple Amino acids (D) Complex Amino acids
4. Which of the following is not a disaccharides ?
(A) Sucrose (B) Maltose
(C) Lactose (D) Fructose
5. Megaloblastic anaemia is caused due to deficiency of which one of the following ?
(A) Iron (B) Protein
(C) Calcium (D) Cynocobalamine
6. Which one of the following is the main function of Vitamin K in the body ?
(A) Blood Clotting (B) Antioxidant
(C) Maintenance of vision (D) Collagen synthesis
7. Beriberi is caused due to the deficiency of which one of the following ?
(A) Thiamine (B) Riboflavin
(C) Niacin (D) Biotin

8. Which one of the following vitamins increases during Germination of Pulses ?
- (A) B complex Vitamin (B) Vitamin C
(C) Vitamin K (D) Vitamin A
9. Which method of cooking is done by application of dry heat ?
- (A) Boiling (B) Braising
(C) Grilling (D) Sauteing
10. Blanching is a process in which :
- (A) Microorganisms are removed
(B) Microorganisms are killed
(C) Enzymes are inactivated
(D) Chemical reactions are delayed
11. Which of the following factors increases BMR ?
- (A) Being female (B) Being old
(C) Being short in stature (D) Being infant
12. Which of the following is not a normal constituent of Jelly ?
- (A) Pectin (B) Acid
(C) Sugar (D) Fruit pulp
13. The process of weaning can be started from which one of the following the age groups ?
- (A) 3-4 months (B) 5-6 months
(C) 9-10 months (D) 11-12 months

14. The requirement of which one of the following food groups increases during adolescence ?
- (A) Protein, Calcium and Iron (B) Carbohydrates, Proteins and Fats
(C) Iron, Calcium and Iodine (D) Carbohydrates, Protein and Iron
15. Food spoilage is caused by which one of the following ?
- (A) Hormones (B) Chemicals
(C) Enzymes (D) Pesticides
16. Which one of the following National Standards is used for maintaining quality of fruits and vegetables ?
- (A) FPO (B) PFA
(C) Ag Mark (D) ISI
17. What is the normal RDA for protein in a normal adult ?
- (A) 1gm/kg body weight (B) 10gm/kg body weight
(C) 50gm/kg body weight (D) 100gm/kg body weight
18. Which of the following fibres is least affected by Mildew and Moths ?
- (A) Vegetable Fibres (B) Animal Fibres
(C) Regenerated Cellulose Fibre (D) Synthetic Fibre
19. Moireing is produced by which one of the following ?
- (A) Applying colour (B) Pressing by hot rollers
(C) Applying moisture (D) Applying chemicals
20. Which one of the following manmade fibres is regenerated from Cellulose ?
- (A) Rayon (B) Nylon
(C) Polyester (D) Acrylics

21. Through which one of the following processes the natural soluble impurities are removed from the fibres ?
- (A) Desizing (B) Bleaching
(C) Scouring (D) Brushing and Steaming
22. What happens to a cotton fibre when it is boiled in caustic soda ?
- (A) It swells (B) It get dissolved
(C) It turns yellow (D) It turns red
23. Acid dyes have good affinity for which one of the following ?
- (A) Polyester (B) Wool
(C) Cotton (D) Rayons
24. Where do you find the linen fibres ?
- (A) Stalk of the plant (B) Fruit of the plant
(C) Leaves of the plant (D) Bark of the plant
25. What is the best time to initiate breast-milk feeding to the baby ?
- (A) Immediately after birth (B) After two days of birth
(C) After three days of birth (D) A week after birth
26. The development of the nervous system starts during which one of the following period ?
- (A) Germinal period (B) Embryonic period
(C) Foetal period (D) In last trimester
27. A female baby will have which the following pair of Chromosomes ?
- (A) XX (B) XY
(C) YYX (D) XXY

28. Pre-school education is mainly directed at :
- (A) Motor development (B) Reading and writing
(C) All round development (D) Physical development
29. Parallel play is the characteristic feature of which age group of children ?
- (A) 0-6 months (B) 12-16 months
(C) 24-30 months (D) 50-60 months
30. In the language development of the child, the main contributing agency is :
- (A) Family (B) School
(C) Mass media (D) Community
31. The best indicator of physical maturity during childhood is :
- (A) Bone development (B) Eruption of teeth
(C) Height and Weight (D) Motor skills learned
32. Unrealistic fear is termed as :
- (A) Depression (B) Autism
(C) Phobia (D) Hyperactivity
33. In Global immunisation programme the target is set by :
- (A) WHO (B) UNICEF
(C) UNESCO (D) ICMR
34. DPT is a triple vaccine providing immunity against :
- (A) Diphtheria, Pertussis and Tetanus
(B) Diphtheria, Polio and Tetanus
(C) Diphtheria, Whooping cough and Tuberculosis
(D) Dysentery, Pertussis and Tetanus

35. Childhood is the ideal age for learning which one of the following ?
- (A) Motor skills (B) Emotional skills
(C) Social Skills (D) Cognitive Skills
36. The purpose of Home management is :
- (A) To keep home in orderly manner (B) To solve household problems
(C) To beautify the interiors (D) To manage resources
37. Planning involves :
- (A) Decision making
(B) Drawing up work schedule
(C) Solving the problems
(D) Standard setting and sequencing
38. Study of the work done is carried out by which one of the following ?
- (A) Pie Chart (B) Line Chart
(C) Process chart (D) Column chart
39. Ergonomics is the study of :
- (A) Work management (B) Productivity
(C) Safety (D) People in Work Environment
40. At what time of the programme, is evaluation needed ?
- (A) At the end of the programme
(B) In the beginning of the programme
(C) Only once during the programme
(D) At every stage of the programme

41. One of the important management techniques for budgetary control is :
- (A) Ratio Analysis (B) Time Schedule
(C) Time norms (D) Critical path method
42. The work simplification in home can be undertaken by :
- (A) Changing the hand and body motion
(B) Changing the work and storage space
(C) Changing the end product
(D) All of the above
43. The commodities and services utilised in the family without payment is considered as :
- (A) Real income (B) Money income
(C) Psychic income (D) Monthly income
44. As income increases, the proportion of the expenditure on which of the following items decreases ?
- (A) Food (B) Recreation
(C) Shelter (D) Clothing
45. In energy management, which of the following factors is activated by the rest ?
- (A) Interest (B) Time
(C) Fatigue (D) Work pattern
46. For washing cotton fabrics, kneading and squeezing method is used, because :
- (A) It has very smooth surface
(B) It is very durable
(C) It is weaker when wet
(D) It has a natural lustre

47. Wool is best washed at a temperature of :
- (A) 25°C (B) 40°C
(C) 55°C (D) 65°C
48. Synthetic detergent is better than soap for cleaning because it :
- (A) Does not precipitate in hard water (B) Cleans well in warm water
(C) Cleans well in hot water (D) Needs soft water
49. Which of the following is most hygroscopic ?
- (A) Silk (B) Wool
(C) Linen (D) Cotton
50. Paint stain from cotton garment can be removed by :
- (A) Acetic acid (B) Ammonia and Acetone
(C) Methylated Spirit (D) Lemon Juice and hot water
51. Brightness of silk garment can be maintained by the use of :
- (A) Sulphuric Acid (B) Vinegar
(C) Sodium Hydroxide (D) Boric Acid
52. Hydrogen Peroxide is used in textile industry as a :
- (A) Bleaching agent (B) Starching agent
(C) Blueing agent (D) Finishing agent
53. The written contract between the Insurer and insured is termed as :
- (A) Policy (B) Premium
(C) Face value (D) Cash value

54. Non-formal education is intended for :

- (A) Adults
- (B) Youths
- (C) Rural masses
- (D) All age groups

55. Which of the following is a projected visual aid ?

- (A) Slides
- (B) Posters
- (C) Charts
- (D) Pictures

56. Which of the following is a poverty alleviation programme for rural development ?

- (A) ICDS
- (B) MGNREGS
- (C) MSY
- (D) DWCRA

57. Farm and home visits belong to which one of the following methods of teaching ?

- (A) Group contact
- (B) Mass contact
- (C) Individual contact
- (D) None of the above

58. Retention of knowledge by students becomes effective if we use :

- (A) Audio aid
- (B) Visual aid
- (C) Audio-visual aid
- (D) Practical experience

59. Flash cards are appropriate for :

- (A) Social advertising
- (B) Explaining a process or steps
- (C) Publicity of an event
- (D) Providing information of a programme

60. One of the basic principles of design is :
- (A) Balance (B) Colour
(C) Texture (D) Line
61. Mass approach in communication can be obtained through :
- (A) Home visits (B) Demonstrations
(C) Field trips (D) Panel discussion
62. The primary colours available for interior decoration are :
- (A) Red, Yellow and Blue (B) Orange, Green and Purple
(C) Black, White and Red (D) Yellow, Green and White
63. Gestational Diabetes occurs :
- (A) Only during pregnancy (B) Only during pre-diabetic stage
(C) Only after pregnancy (D) Only in women
64. Insulin is used for :
- (A) Increasing weight (B) Reducing weight
(C) Lowering blood sugar (D) Increasing blood sugar
65. Which of the following systems is not included in circulatory system ?
- (A) Heart (B) Blood vessels
(C) Blood (D) Lungs
66. Which of the following gas is released out during the process of respiration ?
- (A) Oxygen (B) Hydrogen
(C) Carbon dioxide (D) Nitrogen

67. Which of the following is a functional unit of Kidney ?
- (A) Hilum (B) Neurons
(C) Nephrons (D) Medulla
68. Which one of the following is not a symptom of hypothyroidism ?
- (A) Diarrhoea (B) Lethargy
(C) Dry and Scaly Skin (D) Weight gain
69. Which one of the following is not an endocrine gland ?
- (A) Pituitary (B) Adrenal
(C) Thyroid (D) Lacrimal
70. One of the most vital indicators of health is :
- (A) Infant mortality rate (B) Child mortality rate
(C) Crude death rate (D) Maternal mortality rate
71. Parenteral nutrition can be provided :
- (A) By tube feeding (B) By nasal feeding
(C) Through peripheral vein (D) Through oral cavity
72. Which one of the following is not a cause of anaemia during childhood period ?
- (A) Dietary deficiency of iron
(B) Hook worm infestation
(C) Inflammatory bowel disease
(D) Late weaning

73. Nuclear family refers to :
- (A) Any family born after 1950
 - (B) Family that includes parents and their children
 - (C) Only mother and her children
 - (D) Family with Parents ,Grand Parents and Children
74. According to traditional Hindu law, marriage is a :
- (A) Contract
 - (B) Sacrament
 - (C) Bond
 - (D) Relationship
75. Quantitative research study requires :
- (A) Numerical method of observation
 - (B) Quantum of samples
 - (C) Qualitative data
 - (D) Processed data
76. The related research work as fundamental to any study is compiled as :
- (A) Bibliography
 - (B) Review of literature
 - (C) Appendix
 - (D) Introduction
77. One of the important methods of presenting data in a forceful manner is by :
- (A) Fact analysis
 - (B) Results and discussion
 - (C) Diagrams and graphs
 - (D) Columns and rows
78. Primary data can be obtained from :
- (A) Journals
 - (B) Research report
 - (C) Case history
 - (D) Survey reports

79. Which one of the following is a random sampling method ?

(A) Convenience sampling

(B) Quota sampling

(C) Snowball sampling

(D) Systematic sampling

80. The most common inexpensive method of data collection used in social science research is :

(A) Questionnaires

(B) Observation

(C) Interviews

(D) Experimentation



SPACE FOR ROUGH WORK

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