

COMMON P.G. ENTRANCE TEST - 2021 (CPET-2021)

Test Booklet No.: 141647

HIGHER EDUCATION DEPARTMENT, GOVT. OF ODISHA

TEST BOOKLET

Subject Code : 25

Entrance Subject : HOME SCIENCE

Time Allowed: 90 Minutes

Full Marks : 70

INSTRUCTIONS TO CANDIDATES

1. Please do not open this Question Booklet until asked to do so.
2. Check the completeness of the Question Booklet immediately after opening.
3. Enter your **Hall Ticket No.** on the Test Booklet in the box provided alongside. Do not write anything else on the Test Booklet.
4. Fill up & darken Hall Ticket No. & Test Booklet No. in the Answer Sheet as well as fill up Test Booklet Serial No. & Answer Sheet Serial No. in the Attendance Sheet carefully. Wrongly filled up Answer Sheets are liable for rejection.
5. Each question has four answer options marked (A), (B), (C) & (D).
6. Answers are to be marked on the Answer Sheet, which is provided separately.
7. Choose the most appropriate answer option and darken the oval completely, corresponding to (A), (B), (C) or (D) against the relevant question number.
8. Use only **Blue/Black Ball Point Pen** to darken the oval for answering.
9. Please do not darken more than one oval against any question, as scanner will read such markings as wrong answer.
10. Each question carries equal marks. There will be no negative marking for wrong answer.
11. Electronic items such as calculator, mobile, etc., are not permitted inside the examination hall.
12. Don't leave the examination hall until the test is over and permitted by the invigilator.
13. The candidate is required to handover the original OMR sheet to the invigilator and take the question booklet along with the candidate's copy of OMR sheet after completion of the test.
14. Sheet for rough work is appended in the Test Booklet at the end.

SE

1. Which vitamin helps in carbohydrate metabolism?
 - (A) Vitamin C
 - (B) Vitamin D
 - (C) Thiamine
 - (D) Niacin

2. Maltose is a
 - (A) Monosaccharide
 - (B) Disaccharide
 - (C) Polysaccharide
 - (D) None of the above

3. The lower chamber of the heart is called as
 - (A) Atrium
 - (B) Ventricle
 - (C) Mitral valve
 - (D) Tricuspid valve

4. The wind pipe of respiratory system is called as
 - (A) Trachea
 - (B) Larynx
 - (C) Bronchi
 - (D) None of the above.

5. The number of parathyroid glands present in the neck is
 - (A) 8
 - (B) 6
 - (C) 4
 - (D) 2

6. Milk protein is known as
- (A) Collagen
 - (B) Caseinogen
 - (C) Fibrin
 - (D) Gliadin
7. Braising combines
- (A) Roasting cum stewing
 - (B) Boiling cum roasting
 - (C) Boiling cum frying
 - (D) Frying cum stewing
8. In pasteurization milk is heated to at least
- (A) 62°C for 30 minutes
 - (B) 60°C for 20 minutes
 - (C) 62°C for 15 minutes
 - (D) 60°C for 30 minutes
9. The basic unit for all textile product is
- (A) Fabric
 - (B) Fibre
 - (C) Yarn
 - (D) All of the above
10. The process by which cotton fibres are separated from seeds is known as
- (A) Beating
 - (B) Bailing
 - (C) Ginning
 - (D) Carding

11. Period of foetus extends from
- (A) End of second month until the birth of the baby.
 - (B) The time of fertilization up to the end of second week of life
 - (C) Third week to the end of second month
 - (D) None of the above
12. Growth rate in child is rapid during
- (A) 0-2 years
 - (B) 2-4 years
 - (C) 4-6 years
 - (D) 6-8 years
13. Satisfaction is
- (A) Money income
 - (B) Indirect income
 - (C) Direct income
 - (D) Psychic income
14. Which is the second step of management process?
- (A) Controlling
 - (B) Planning
 - (C) Evaluation
 - (D) Organising
15. The process of producing either flat or raised design on the fabric is
- (A) Weighting
 - (B) Calendering
 - (C) Sanforizing
 - (D) Embossing

16. Which is an example of unpleasant emotion?
- (A) Jealous
 - (B) Love
 - (C) Affection
 - (D) Sacrifice
17. In the budget when the expenditure exceeds income it is known as
- (A) Surplus budget
 - (B) Deficit budget
 - (C) Balanced budget
 - (D) Add on budget
18. Which of the following is correct according to Engel's Law of Consumption?
- (A) As income increases, the proportion of income spent on food decreases, though the actual amount of money spent on food increases.
 - (B) The proportion spent on cultural wants, recreation, education, and health increases as the income increases
 - (C) The proportion spent on shelter, clothing, lighting and fuel remains practically unchanged whatever the income may be
 - (D) All of the above
19. Grapevine communication is otherwise known as
- (A) Upward communication
 - (B) Downward communication
 - (C) Horizontal communication
 - (D) Informal communication
20. Source is also known as
- (A) Channel
 - (B) Decoder
 - (C) Encoder
 - (D) Message

21. The equalization of attraction on both sides of the centre is called
- Harmony
 - Proportion
 - Balance
 - Rhythm
22. When two adjacent colours and their opposite colours in the Prang colour chart are combined it is called
- Split complementary colour harmony
 - Double complementary colour harmony
 - Complementary colour harmony
 - Triad
23. Farm and home visit comes under the category of
- Individual approach of communication
 - Group approach of communication
 - Mass approach of communication
 - All of the above
24. The first stage of adoption process is
- Interest
 - Evaluation
 - Awareness
 - Trial
25. Action research means
- A longitudinal research
 - An analytical research
 - A research initiated to solve an immediate problem
 - Descriptive research

26. Research related to abstract ideas or concept is
- (A) Empirical research
 - (B) Conceptual research
 - (C) Quantitative research
 - (D) Qualitative research
27. Headquarter of WHO is located in
- (A) London
 - (B) Sydney
 - (C) Geneva
 - (D) New Delhi
28. Megaloblastic anaemia occurs due to the deficiency of
- (A) Vitamin C
 - (B) Folic acid
 - (C) Vitamin B6
 - (D) Vitamin A
29. In which year Hindu Marriage Act came into existence?
- (A) 1956
 - (B) 1955
 - (C) 1965
 - (D) 1966
30. Master gland of the body is
- (A) Pituitary gland
 - (B) Adrenal gland
 - (C) Thyroid gland
 - (D) Parathyroid gland

31. The Life Span of RBC is
- (A) 130 days
 - (B) 120 days
 - (C) 240 days
 - (D) 60 days
32. Which of the following is a popular Japanese style of flower arrangement?
- (A) Ikebana
 - (B) Florina
 - (C) Zigzag style
 - (D) Floating
33. Speaking and Writing are the examples of which forms of communication.
- (A) Non-Verbal
 - (B) Verbal
 - (C) Inter personal
 - (D) None of the above
34. Communication will be effective if it is
- (A) Delivered slowly and clearly
 - (B) Delivered using an appropriate media
 - (C) The receiver listens carefully
 - (D) All the above
35. Data collected directly from the samples for an investigation is known as
- (A) Primary Data
 - (B) Secondary Data
 - (C) Internal Data
 - (D) External Data
36. Median is the
- (A) Central value of the variable when arranged ascending or descending order
 - (B) Most common measure of central tendency
 - (C) The value which occurs frequently
 - (D) None of the above

37. Iron deficiency in the diet leads to
- (A) Goiter
 - (B) Anemia
 - (C) Rickets
 - (D) Beriberi
38. What are the methods used to assess the nutritional status
- (A) Anthropometric assessment
 - (B) Diet survey
 - (C) Clinical investigation
 - (D) All the above
39. Which is the major factor to be considered in the selection of a marriage partner?
- (A) Physical and mental health
 - (B) Skin colour
 - (C) Height
 - (D) Weight
40. Which of the following is an essential function of the family?
- (A) Educational
 - (B) Recreational
 - (C) Economic
 - (D) Production and rearing of children
41. Mean, median, and mode are
- (A) Measures of deviation
 - (B) Ways of Sampling
 - (C) Measures of central tendency
 - (D) None of the above
42. Citrus fruits are excellent source of
- (A) Vitamin A
 - (B) Vitamin B
 - (C) Vitamin C
 - (D) Vitamin D

43. The milk, cheese and yogurt are important for
- (A) Strong bones
 - (B) Brain
 - (C) Muscles
 - (D) All of the above
44. Lightening of pure hue by addition of white colour is
- (A) Tint
 - (B) Shade
 - (C) Tone
 - (D) Intensity
45. The nutrient needed for a healthy immune system and strong connective tissue
- (A) Fibre
 - (B) Vitamin K
 - (C) Vitamin C
 - (D) Vitamin A
46. Which is not a key area of human development?
- (A) Access to resources
 - (B) Good health
 - (C) Education
 - (D) Industrial development
47. Which one of the following best describes development?
- (A) An increase in size
 - (B) A constant in size
 - (C) A positive change in quality
 - (D) A positive change in quantity

48. The fertilized ovum is called as
- (A) Placenta
 - (B) Sperm
 - (C) Fallopian
 - (D) Zygote
49. Which of the following is part of the prenatal environment?
- (A) Placenta
 - (B) Umbilical cord
 - (C) Amniotic sac
 - (D) All of the above
50. The infant mortality rate is
- (A) The number of infant deaths for every 100 live births of children under one year of age
 - (B) The number of infant deaths for every 100 live births of children under two years of age
 - (C) The number of infant deaths for every 1000 live births of children under one year of age
 - (D) The number of infant deaths for every 1000 live births of children under two years of age
51. Which tool protects the fingers during sewing by hand?
- (A) Thimble
 - (B) Needle threader
 - (C) Sewing gauge
 - (D) Rotary cutter
52. A natural fibre that is strong and light and usually dry cleaned
- (A) Cotton
 - (B) Silk
 - (C) Nylon
 - (D) Rayon

53. Which of the following is a chemical finish?
- Calendering
 - Shearing
 - Glazing
 - Mercerization
54. Who is the father of Cognitive Development?
- Sigmund Freud
 - B. F. Skinner
 - Jean Piaget
 - Erikson
55. The removal of sericin from the silk yarn is called
- Reeling
 - Twisting
 - Dyeing
 - Degumming
56. Which of the following is human resource?
- Time
 - Energy
 - Money
 - Community facilities
57. Which chart is used to make a detailed study of a part of the activity of a work process?
- Pathway chart
 - Process chart
 - Operation chart
 - Cyclograph
58. Flow of goods and services is known as
- Money income
 - Real income
 - Psychic income
 - None of the above

59. The first step-in decision-making process is
- (A) Obtaining information
 - (B) Selecting the best course of action
 - (C) Identifying the problem
 - (D) Evaluating the consequences
60. Objectives are otherwise known as
- (A) Standards
 - (B) Values
 - (C) Goals
 - (D) Decisions
61. The chemical constituents of food that supplies nourishment to the body are known as
- (A) Nutrition
 - (B) Food science
 - (C) Nutrients
 - (D) Health
62. 1 gram of carbohydrate yields how many kcals
- (A) 8 kcals
 - (B) 4 kcals
 - (C) 10 kcals
 - (D) 9 kcals
63. Which is a micronutrient of the following?
- (A) Carbohydrate
 - (B) Fat
 - (C) Vitamins
 - (D) Protein
64. Which is the richest source of Vitamin D
- (A) Leafy vegetables
 - (B) Sunlight
 - (C) Fruits
 - (D) Cereals

65. Which disease occurs due to the deficiency of Vitamin C
- (A) Scurvy
 - (B) Kwashiorkor
 - (C) Dermatitis
 - (D) Marasmus
66. Which mineral is required for bone and teeth formation?
- (A) Iron
 - (B) Calcium
 - (C) Copper
 - (D) Iodine
67. Which is the first stage of prenatal development?
- (A) Period of fetus
 - (B) Period of embryo
 - (C) Period of Ovum
 - (D) None of the above
68. Which period is known as infancy?
- (A) 0-1 year
 - (B) 1-2 Years
 - (C) 2-3years
 - (D) 3-4 years
69. The process of gradually introducing new solid food to a baby is known as
- (A) Breastfeeding
 - (B) Weaning
 - (C) Bottle feeding
 - (D) None of the above
70. The major cause of maternal mortality rate in India is
- (A) Poverty
 - (B) Lack of medical facility
 - (C) Ignorance and illiteracy
 - (D) All the above
