

COMMON P. G. ENTRANCE TEST – 2020

Test Booklet No. :

**DEPT. OF HIGHER EDUCATION, GOVT. OF ODISHA
TEST BOOKLET**

Subject Code **25**

Subject **HOME SCIENCE**

Time Allowed : 90 Minutes

Full Marks : 70

: INSTRUCTIONS TO CANDIDATES :

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. You have to enter your **Hall Ticket No.** on the Test Booklet in the Box provided alongside. **DO NOT** write *anything else* on the Test Booklet.
3. **YOU ARE REQUIRED TO 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 AT THE RISK OF THE CANDIDATE.**
4. **This Test Booklet contains 70 items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose ONLY ONE response (answer) for each item (question).**
5. You have to mark (darken) all your responses (answers) **ONLY** on the **separate Answer Sheet** provided by **using BALL POINT PEN (BLUE OR BLACK)**. See instructions in the Answer Sheet.
6. All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet. **There is no negative marking.**
7. **After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the Answer Sheet issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the Test Booklet, after completion of the examination, for your reference.**
8. Sheets for rough work are appended in the Test Booklet at the end.

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

1. What is another name for windpipe ?
(A) Pharynx (B) Larynx
(C) Trachea (D) Oesophagus
2. For finishing which is essentially an ironing process ?
(A) Tentering (B) Calendaring
(C) Singeing (D) Napping
3. Which is the master gland of the body ?
(A) Thyroid gland (B) Pituitary gland
(C) Adrenal gland (D) Parathyroid gland
4. What is meant by blanching of vegetables ?
(A) Covering lightly in butter
(B) Soaking in cold water
(C) Scalding first in boiling water prior to freezing or putting it in cold water
(D) Massaging it with salt before cooking
5. In which year Hindu Marriage Act came into existence ?
(A) 1956 (B) 1955
(C) 1857 (D) 1855
6. Period of Ovum is for how many days ?
(A) 14 days (B) 20 days
(C) 7 days (D) 24 days
7. Which of the following is known as regulatory food ?
(A) Protein (B) Roughage
(C) Fats (D) Vitamins

8. Cotton, silk, wool are examples of :
- (A) Synthetic Fibers (B) Natural Fibers
(C) Man-made Fibers (D) Blended Fibers
9. Zein is present in :
- (A) Wheat (B) Rice
(C) Maize (D) Milk
10. Which of the following is considered as a warm colour ?
- (A) Blue (B) Red
(C) White (D) Green
11. According to ICMR, requirement of Calcium in cases during pregnancy is :
- (A) 600mg/day (B) 800mg/day
(C) 900mg/day (D) 1200mg/day
12. Name the Intermediate Product found in the hydrolysis of starch :
- (A) Pectin (B) Dextrin
(C) Caramel (D) Glycogen
13. The commonly used elements of design include :
- (A) Line (B) Space
(C) Shape (D) All of these
14. Which of the following is the third stage of diffusion of innovation theory ?
- (A) Decision (B) Knowledge
(C) Persuasion (D) Implementation

15. Which one is known as the power house of the cell ?
- (A) Cytoplasm (B) Nucleus
(C) Mitochondria (D) Plasma membrane
16. Which one is an artificial fibre ?
- (A) Cotton (B) Rayon
(C) Jute (D) Silk
17. The effects of mental fatigue are :
- (A) Decreased attention
(B) Decreased Motivation
(C) Impaired perception and thinking
(D) All of these
18. Which provides a safeguard for consumers against goods and services which are hazardous to health ?
- (A) Right to choose
(B) Right to safety
(C) Right to be informed
(D) Right to be heard
19. Which of the below substances do not cause hardness in water ?
- (A) Sodium carbonate
(B) Calcium
(C) Magnesium
(D) Ammonia
20. Health and higher education of the family are :
- (A) Short term goals
(B) Long term goals
(C) Means-end goals
(D) None of these

21. The Consumer Protection Act was passed in which year ?
- (A) 1986 (B) 1985
(C) 1984 (D) 1983
22. The problem faced by consumers in day-to-day purchase is :
- (A) Lack of information
(B) Wrong weights and measures
(C) Adulteration
(D) Irregular supply
23. The brightness of silk garment can be maintained by the use of :
- (A) Sulphuric acid
(B) Vinegar
(C) Sodium hydroxide
(D) Boric acid
24. Which type of blood vessels carries blood away from the heart ?
- (A) Veins
(B) Arteries
(C) Capillaries
(D) Arteries, veins, capillaries
25. Colour placed opposite to each other on the colour wheel are :
- (A) Monochromatic
(B) Analogous
(C) Complementary
(D) Split complementary

26. Which of the following is not a wet heat cooking method ?
- (A) Boiling (B) Steaming
(C) Braising (D) Grilling
27. The fiber which has mineral origin :
- (A) Asbestos (B) Silk
(C) Rayon (D) Flax
28. In line arrangement of flowers, the highest level signifies what ?
- (A) Man (B) Earth
(C) Heaven (D) None of these
29. The Child Marriage Act in which the minimum marriage age of a girl raised from 15-18 years amended in which year ?
- (A) 1976 (B) 1991
(C) 1986 (D) 1929
30. 'Communication' is derived from the word :
- (A) Communism (B) Communist
(C) Communis (D) Communion
31. Family satisfies the basic needs of human beings like :
- (A) Physical (B) Emotional
(C) Social (D) All of these
32. Which is the final step of home management process ?
- (A) Planning (B) Organizing
(C) Controlling (D) Evaluation

33. The term Extension Education was first coined in :
- (A) UK (B) USA
(C) Canada (D) France
34. Which is an important step of research design ?
- (A) Technique of data collection (B) Flexibility
(C) Accuracy (D) Simplicity
35. Which of the following service doesn't come under ICDS ?
- (A) Sanitation (B) Nutrition
(C) Immunization (D) Health and Education
36. Which is not a type of questionnaire ?
- (A) Structured (B) Unstructured
(C) Clustered (D) Semi-structured
37. Language and Pronunciation are acquired by the child through :
- (A) Suggestion (B) Imitation
(C) Identification (D) School
38. The precursor of Vitamin D is known as :
- (A) Ergocalciferol (B) 7-dehydrocholesterol
(C) Cholecalciferol (D) All of these
39. Which is the second stage of adoption process ?
- (A) Awareness (B) Interest
(C) Evaluation (D) Adoption

40. Which of the following is not the method of data collection ?
- (A) Philosophical (B) Observation
(C) Survey (D) Questionnaire
41. The depth of any research can be judged by :
- (A) Title of the research
(B) Objective of the research
(C) Total expenditure on the research
(D) Duration of the research
42. During which month onwards, weaning should be started ?
- (A) 3 months (B) 4 months
(C) 5 months (D) 6 months
43. The number of parathyroid glands present in human body are :
- (A) 2 (B) 4
(C) 6 (D) 8
44. When burping is done ?
- (A) Before feeding the baby
(B) After feeding the baby
(C) After vomiting
(D) Before putting the baby to sleep
45. Which age is considered as early childhood period ?
- (A) 0-3 years (B) 3-6 years
(C) 3-9 years (D) 7-12 years

46. For each 10°C rise in temperature the rates of chemical changes in food :
- (A) Double (B) Triple
(C) Half (D) None of these
47. A schedule is a list of questions which will be answered in an interview by :
- (A) An interviewer (B) A respondent
(C) A surveyor (D) A researcher
48. Which among is not the element of human resources ?
- (A) Money (B) Knowledge
(C) Attitude (D) Interest
49. Which is the functional unit of kidney ?
- (A) Nephron (B) Neuron
(C) Jejunum (D) Illium
50. Which is the correct sequence of activities involved in home management process ?
- (A) Planning, Organization, Feedback, Implementation
(B) Planning, Organization, Implementation, Feedback
(C) Planning, Implementation, Organization, Feedback
(D) Planning, Feedback, Organization, Implementation
51. Which of the following variables can be expressed in quantitative terms ?
- (A) Knowledge (B) Attitude
(C) Lifestyle (D) Income
52. Malnutrition is :
- (A) Undernutrition (B) Imbalance
(C) Both (A) and (B) (D) None of these

53. The stain can be removed by :
- (A) Oxidizing agents
 - (B) Reducing agents
 - (C) Both (A) and (B)
 - (D) None of these
54. Which vitamin is required for the formation of collagen ?
- (A) Vitamin A
 - (B) Vitamin C
 - (C) Vitamin D
 - (D) Vitamin E
55. Sand found in the food grains which causes health hazards comes under :
- (A) Metal contamination
 - (B) Bacterial contamination
 - (C) Intentional contamination
 - (D) Incidental contamination
56. The kidneys are located at the :
- (A) Posterior abdominal wall
 - (B) Ventral thoracic wall
 - (C) Thoracic wall
 - (D) Ventral abdominal wall
57. Family in which father is the source of authority is known as :
- (A) Patriarchal
 - (B) Matriarchal
 - (C) Patrilineal
 - (D) Matrilineal

58. 'Grapevine communication' is :
- (A) Upward communication
 - (B) Downward communication
 - (C) Informal communication
 - (D) Horizontal communication
59. Skill and abilities are which type of resources ?
- (A) Human resource
 - (B) Non-human resource
 - (C) Simple resource
 - (D) Complex resource
60. Which of the following programmes help in nutritional awareness of people ?
- (A) IRDP
 - (B) NLM
 - (C) PMJDY
 - (D) ANP
61. Child socialization is encouraged by :
- (A) Family
 - (B) Environment
 - (C) Organization/school
 - (D) All of these
62. Which of the following sampling methods is not based on probability ?
- (A) Simple random sampling
 - (B) Stratified sampling
 - (C) Cluster sampling
 - (D) Quota sampling

63. Which of the following is major source of energy in Indian Diet ?
- (A) Carbohydrates
 - (B) Proteins
 - (C) Fats
 - (D) Vitamins
64. Which is not one of the features of good research ?
- (A) Systematic
 - (B) Empirical
 - (C) Historical
 - (D) Logical
65. The family income can be in the form of :
- (A) Wages
 - (B) Bonus
 - (C) Pensions
 - (D) All of these
66. Research is :
- (A) Searching again and again
 - (B) Finding solution to any problem
 - (C) Working in a scientific way to search for truth of any problem
 - (D) None of these
67. Psychic income means :
- (A) Services
 - (B) Satisfaction
 - (C) Money
 - (D) Goods

68. Which method is more suitable for collecting data from non-literate communities ?
- (A) Questionnaire
 - (B) Observation
 - (C) Both (A) and (B)
 - (D) None of these
69. Soap is made by chemical combination of :
- (A) Oil with an alkali
 - (B) Amino acids
 - (C) Polymerization of proteins
 - (D) All of these
70. The interlocking of woolen fabrics is known as :
- (A) Reeling
 - (B) Felting
 - (C) Shearing
 - (D) Sorting



SPACE FOR ROUGH WORK