

MODEL QUESTION PAPER (2023-2024)

SUBJECT: HOME SCIENCE (67)

CLASS: 1ST YEAR PUC

MAXIMUM MARKS: 70

TIME: 3 HOURS 15 MINUTES

TOTAL NUMBER OF QUESTIONS: 48

General Instructions:

- The question paper contains four parts A, B, C and D. Part A consists of two sections I & II. Part D consists of two sections – I and II.
- All the parts are compulsory.

PART A

I. Select the correct alternative from the choices given:

15 x 1 = 15

1. Money and material goods are examples of _____
a) Human resources, b) Non Human resources,
b) c) shared Resources, d) community resources.
2. Activity at home is more concentrated in certain periods of time called _____
a) Time plan, b) Leisure, c) Peak load periods, d) Work
3. During rinsing of woollens, _____ is used for white woollens.
a) Vinegar, b) Citric acid, c) Hydrogen peroxide, d) bleaches
4. This type of Education is any educational activity outside the formal frame work.
a) Formal education, b) Non formal education,
c) Vocational education, d) Extension education
5. Time has three dimensions namely _____
a) Work, leisure, plan b) work, rest, Leisure
c) Rest, leisure, task d) Time plan, work, Rest
6. Match the accessory organs in column A with the respective function it performs in column B.

Column A

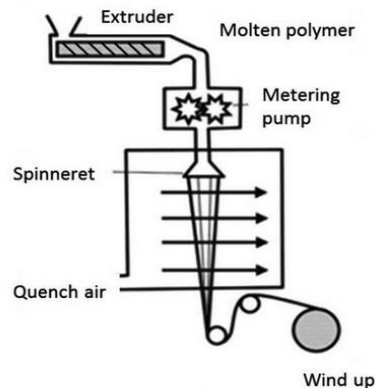
Column B

- | | |
|--------------------|--|
| i) Umbilical cord | A) protects the foetus from injury |
| ii) Placenta | B) supplies oxygen |
| iii) Amniotic sac | C) secretes hormones for continuation of pregnancy |
| iv) Amniotic fluid | D) lubricates birth passage during delivery |

Choose the correct option:

- | | |
|-------------------------------------|-------------------------------------|
| a) i-B, ii-C, iii-D, iv-A | b) i-C, ii-D, iii-A, iv-B |
| c) i-A, ii-B, iii-C, iv-D | d) i-C, ii-A, iii-D, iv-B |
7. It is the condition of the body as it relates to consumption and utilization of food known as _____
a) Over nutrition, b) Malnutrition,
c) Nutrition science, d) Nutritional status

8. The _____ protects the newborn from infections.
 a) Lanugo, b) Vernix caseosa, c) Fontanel, d) Partunate
9. Precursor of Vitamin A is _____
 a) Carotene, b) Calciferol, c) Cyanocobalamin, d) Choline
10. The process of crushing the food into a smooth mix is called _____
 a) Stuffing, b) Whipping, c) Mashing, d) Binding
11. This is a process involved in the formation of fibres in the Textile industry. Identify and name the fibre for which this process is used:
 a) Cotton, b) Manmade fibres, c) Silk, d) Wool



12. Match the methods of cooking in column A with the respective medium used in column B.

Column A

- i) Simmering
- ii) Solar cooking
- iii) Roasting
- iv) Pressure cooking

Column B

- A) Air
- B) Steam
- C) Water
- D) Unconventional

Choose the correct option:

- a) i-B, ii-C, iii-D, iv-A b) i-C, ii-D, iii-A, iv-B
 - c) i-A, ii-B, iii-C, iv-D d) i-C, ii-A, iii-D, iv-B
13. The fertilization of gametes takes place in the _____
 a) Uterus, b) Fallopian tube, c) Ovary, d) Cervix
14. This refers to the division of labour or assigning tasks to the members of the family in relation to their resources.
 a) Planning, b) Organizing, c) Controlling, d) Evaluation
15. This programme provides free hospitalization for 1,600 predefined surgical procedures.
 a) Swaranjayanthi Gram Swarozgar Yojana
 b) Members of Parliament Local Area development scheme
 c) Gramin Bhandaran Yojana
 d) Yashasvini Health Insurance scheme

II. Fill in the blanks by choosing the appropriate word / words from those given in the bracket: **5 X 1 = 5**

(7- Dehydrocholesterol, Physical development, Home Science, Amenorrhea, Thiamine pyrophosphate, Human development)

16. _____ is the integration of all the arts and science subjects imparting knowledge about Food, Nutrition, health, clothing, household finance, resource management etc.
17. The study of different domains of development throughout life span is called_____.
18. Vitamin D3 is produced when _____ in the skin is exposed to the UV rays in the Sun.
19. Stopping of menstruation during pregnancy is called _____.
20. _____ refers to the physical changes in the size, structure and proportion of the parts of the body.

PART B

III. ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS: **5 X 2 = 10**

21. List the energy cost of household activities.
22. Classify Fibres based on origin.
23. What is Informal education? Give examples.
24. List the characteristics of Resources.
25. Define Plan. List the types of plans.
26. What are the Laws of developmental directions?
27. List any four characteristics of complementary foods.
28. Define Menstruation.
29. What is Education?

PART C

IV. ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS: **5 X 3 = 15**

30. List the types of Income and explain any two in detail.
31. Explain the deficiency diseases of Niacin.
32. What is the effect of cooking on Nutritive value of foods?
33. Define Food habits. Explain any three factors affecting the food habits.
34. Classify Extension teaching methods. Explain any one method in detail.
35. Give the sub stages of Human life span.
36. Explain the physical properties of Nylon fibre.
37. Explain the functioning of the Loom.
38. Explain the hand washing and finishing of Silk fabrics.

PART D

V. Section I: ANSWER ANY FOUR OF THE FOLLOWING QUESTIONS: 4 X 5 = 20

39. Discuss the steps in Managerial process.
40. List the methods of enhancing the nutritive value of foods. Explain any three in detail.
41. Explain the Child birth process.
42. Write the Immunization schedule of Infancy.
43. Explain the steps in drawing a family budget.
44. Explain any two Basic weaves with diagram.
45. What are Audio visual aids? Explain.
46. Explain any five types of chart.

Section II: ANSWER ANY ONE OF THE FOLLOWING QUESTIONS: 1 X 5 = 5

47. A seventeen year old girl is complaining of tiredness, shortness of breath, brittle nails and she looks pale.
 - a) What do you think is her problem?
 - b) Which micro nutrient deficiency can lead to this condition?
 - c) What is the function of this micro nutrient she is deficient with?
 - d) How can you prevent this deficiency?
48. Simon wants to buy fabrics for apparel and goes to fabric market place. The shop keeper says the fabric is made of natural plant fibre.
 - a) Identify the fibre.
 - b) What are the physical and chemical properties of this fabric, which the shop keeper showed to him?
 - c) What will happen to fabric when it burns?