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FOR KARNATAKA CLASS 12 PREPARATION

Karnataka 2nd PUC Model Question Paper 2027 for Home Science (Paper 3)

EXAM	YEAR	TYPE	SUBJECT
Karnataka Class 12	2027	Sample Paper	Home Science

GOVERNMENT OF KARNATAKA
KARNATAKA SCHOOL EXAMINATION AND ASSESSMENT BOARD

6TH CROSS, MALLESHWARAM, BENGALURU – 560 003

2026 -27 II PUC MODEL QUESTION PAPER – 3

SUBJECT: HOME SCIENCE **MAXIMUM MARKS:70**

TIME: 03 HOURS **NUMBER OF QUESTIONS:45**

Instructions

1. Question paper has FIVE parts. All parts are compulsory.

   Part-A carries 20 marks. Each question carries 1 mark.

   Part-B carries 10 marks. Each question carries 2 marks.

   Part-C carries 15 marks. Each question carries 3 marks.

   Part-D carries 20 marks. Each question carries 5 marks.

   Part-E carries 05 marks. Each question carries 5 marks.

2. In Part-A questions, **first attempted answer** will be considered for awarding marks.

PART-A

I. Select the correct alternative from the choices given below **15 X 1 = 15**

1. Match the following:

i.Meaningful work	1.Activity performed by human beings
ii.Work	2.Progressive achievement
iii.Livelihood	3. Useful to society
iv.Career	4. Meet the basic needs of the individual

   a. i-3, ii-1, iii-4, iv-2 b. i-1, ii-2, iii-3, iv-4

   c. i-2, ii-3, iii-1, iv-4 d. i-4, ii-3, iii-2, iv-1

2. Consumption of high sugar and fat convenience foods has been found to play a role in causing:

   a. Decrease in obesity b. Increase in physical activities

   c. Obesity and diabetes d. Low blood pressure

3. Choose the correct statement given bellow regarding health care.

   Statement I: Community health centers functions as first referral level

   Statement II: Health care services are provided at four levels.

   Select the correct option

a) Statement I is false II is true b) Statement I is true II is false

c) Both statement I & II is false d) Both statement I & II is true

4. Which of the following is the correct order of food examples according to processing levels given below?

   Minimally processed food > preserved foods > manufactured foods >formulated food

   a. Fresh-cut carrots → Frozen peas → Jams → Biscuits
   b. Frozen peas → Fresh-cut carrots → Biscuits → Jams
   c. Jams → Fresh-cut carrots → Biscuits → Frozen peas
   d. Biscuits → Jams → Frozen peas → Fresh-cut carrots

5. India is a member of codex through which of the following?

   a. Ministry of food processing industries b. Department of agriculture and cooperation

   c. Ministry of health and family welfare d. Directorate general of health

6. New ____ and ____ and new geographical areas can allow pathogens to emerge?

   i. Food quality ii. Climate iii. Population iv. Gender

   a. i and ii b. ii and iii c. i and iii d. ii and iv

7. _____is the name given to an institutional setting that is particularly designed for the care of infants and young children in the absence of home care.

   a. Creche b. Day care c. Play home d. Montessori

8. The vulnerable group due to various reasons. Some reasons are-

   i. Decreased defense mechanism ii. Increased financial resources

   iii.Improved physiological reserves iv. Nuclear family system

   Choose the correct option

   a. i and ii b. ii and iii c. i and iv d. ii and iv

9. According to the principles of design, what does proportion concern?

   a. Balance of elements b. Relation of one part of an object to another

   c. Emphasis on design elements d. Harmony of colors

10. What is split complementary harmony?

    a. A combination of analogous complementary schemes

    b. A three-color combination using a hue and two neighbours of its complement

    c. A combination of three hues equidistant on the Color Wheel

    d. A combination of complementary colors only

11. Choose the correct order of the stages in the fashion cycle that show how a style is accepted.
    a. Culmination – Decline -- Introduction – Rise
    b. Decline -- Introduction – Rise -- Culmination
    c. Introduction – Rise -- Culmination -- Decline
    d. Introduction – Rise -- Decline – Culmination
12. _____ method is used in top loading machines.
    a. Agitation b. Pulsation c. Tumbling d. Both a and b
13. Choose the correct sequence of front office department
    a. Agent -- Front office manager -- bell captain -- bell boy
    b. Front office manager -- agent -- bell captain -- bell boy
    c. Bell boy-- Front office manager -- agent -- bell captain
    d. Bell captain -- bell boy -- Front office manager -- agent
14. "Right to choose" implies that a buyer can select products with _____
    a. Fixed price and single quality
    b. Varying quality, quantity and price
    c. Only premium products
    d. No comparison allowed
15. EDUSAT was launched to support
    a. Sports broadcasting b. Entertainment channels
    c. Satellite-based distance education d. Weather forecasting

II. Fill in the blanks by choosing the appropriate word from those given below. **5 X = 5**

(Public relation, 1972, Cotton, hospitality, Infancy)

16. _____ period is the intense dependence on adults**.**
17. _____fabric is most used in hospital clothing
18. The relationship between the guest and the host is best described as_____
19. The term “Development Communication” was first coined in _____ by Nora Quebral.
20. _____ is a very important function or activity of any organisation.

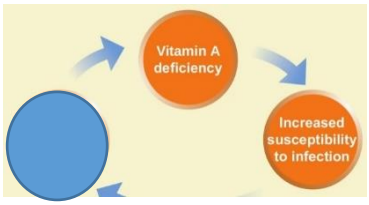
PART – B

III. Answer any <u>FIVE</u> of the following questions. **5 X 2= 10**

21. List the four pillars of ergonomics.
22. Mention any two feeding routes used when oral feeding is not possible.

23. a) Name the deficiency caused due to VAD.

    b) Complete the vicious cycle given below.



24. What did Louis Pasteur develop in the context of food technology. Give its significance.
25. Naveen undergoes training in a voluntary institution regarding vulnerable. Tell him any two ongoing programs for children.
26. Enlist the four fashion design career opportunities.
27. Mention the operations performed by Automatic washing machine.
28. What are the different ways in which manufacturers may provide inadequate information to consumers?

PART – C

IV. Answer any <u>FIVE</u> of the following questions. 5 X 3 = 15

29. What are the different ways in which work can be perceived?
30. What are the roles performed by dietitians through the study of clinical nutrition?
31. Name the three food system management systems involved in setting standards for food safety and quality. Give their significance
32. Sumana wants to admit her child to a creche. What are the expectations from a caregiver of young children expected by her.
33. Name the scheme implemented for college level students in providing social service to the community. Mention the other activities involved under this scheme.
34. Emphasis on the division of colours in Munsell's colour wheel.
35. Explain the three principles in the method of washing involved in automatic washer.
36. Enlist the aim of Red Ribbon Express (RRE).

PART – D

V. Answer any <u>FOUR</u> of the following questions. 4 X 5 = 20

37. a) Name the strategy used to combat public nutrition problems with use of micro nutrient rich food. 1M

    b) Mention any two approaches and advantages of the same. 4M

38. Meera is a food science student observing the Indian food industry. She learns that India has shifted from producing just enough food to producing a surplus by adding extra nutrients to the food creating tremendous changes in food quality.
    a) Name the process developed to meet the dietary requirements.
    b) Give four examples for this process.
    c) How has this process gained significance.
39. Shan is given a task of designing an apparel that relates one part of it to another, on the basis of golden rule.
    a) Give the ratio he can utilize.
    b) Explain with two examples the method of utilizing this ratio on an apparel.
    c) What are other ways of creating designs with this concept.
40. Sujan is interested in designing a party wear designer dress for a Hollywood team.
    a) What does the colour reflect?
    b) What are the factors that affect the choice of colours?
    c) Name the colours having shorter wavelength?
    d) What are the three aspects of colour he must consider?
41. With the help of a flow chart explain the overview of the fashion retail organisation.
42. Enlist the functions of housekeeping department.
43. What are the principles of public relations management practiced by Arthur W. Page?

PART E

VI. Answer any <u>ONE</u> of the following questions. (HOTS) 1 X 5 = 5

44. Arun is determined to start a food quality assessment business to upgrade the food quality and safety, and needs help for the following.
    a) Name the three international organisations he must involve for further procedures. 3 M
    b) Name the two food control systems to integrate trading of food under WTO. 2 M
45. Sudha is looking for purchase of household consumer products like soaps and detergents and plastic products.
    a) Name the standardisation mark she should look for. 1 M
    b) Who issues license for this standardisation mark? 1 M
    c) Enlist the significance of this mark. 3 M

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