aglasem.com

FOR KARNATAKA CLASS 11 PREPARATION

Karnataka 1st PUC Model Question Paper 2027 for Home Science (Paper 1)

EXAM	YEAR	TYPE	SUBJECT
Karnataka Class 11	2027	Sample Paper	Home Science

GOVERNMENT OF KARNATAKA
KARNATAKA SCHOOL EXAMINATION AND ASSESSMENT BOARD

6TH CROSS, MALLESHWARAM, BENGALURU – 560 003

2026 -27 I PUC MODEL QUESTION PAPER – 1

SUBJECT: HOME SCIENCE (67) **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. During _____ stage of life do individuals describe themselves as cool-headed, brave and truthful.
   a) Infancy b) Early childhood
   c) Middle childhood d) Adolescence

2. **Statement I:** During middle childhood year they start to distinguish between their real self and ideal self.
   Statement II: Self -evaluation becomes more complex during middle childhood years.
   a) Statement I is true II is false
   b) Statement I is false II is true
   c) Both I & II are false
   d) Both I & II are true

3. Match the statements with their explanations:

	Column A	Column B
(i)	Vegetarian diet	(a) Daily food guide
(ii)	Soy milk	(b) Cannot replace each other
(iii)	Food pyramid	(c) Based on plant foods

(iv) Food groups (d) Alternative to cow's milk

a) (i)–c, (ii)–d, (iii)–a, (iv)–b c) (i)–a, (ii)–b, (iii)–c, (iv)–d

b) (i)–d, (ii)–c, (iii)–a, (iv)–b d) (i)–b, (ii)–a, (iii)–d, (iv)–c

4. **Assertion (A):** Skipping breakfast in adolescence slows metabolism and may cause weight gain.
   Reason (R): It increases metabolism and improves performance in adolescence.
   a) A is true but R is false
   b) A is false but R is true
   c) Both A and R are true.
   d) Both A and R are false

5. Which of the following is natural resources? Choose the correct option.
   i) Mountains. ii) water iii) roads iv) park
   a) i & ii b) iii & iv c) only iii d) only ii

6. Choose the correct statement about silk.
   A) Cultivated silk(mulberry) is coarser and shorter, while wild silk (tussar) is smoother and longer.
   B) Cultivated silk(mulberry) is smoother and finer, while wild silk is coarser and stronger.
   a) A is true B is false b) A is false B is true
   c) Both A and B are true d) Both A and B are false

7. What role does pictographic presentation play in communication?
   a) It simplifies difficult concepts for easier understanding
   b) It complicates information further
   c) It replaces the need for verbal communication
   d) It excludes the use of visual aids

8. **Assertion (A):** Television Rating Points (TRPs) are an example of feedback in communication.
   Reason (R): TRPs show the popularity of a programme and reflect viewers' responses, helping producers know if their objectives are met.
   a) Both A and R are true, and R is the correct explanation of A.
   b) Both A and R are true, but R is not the correct explanation of A.
   c) A is true, but R is false.
   d) A is false, but R is true.

9. _____ condition is NOT associated with iodine deficiency.
   a) Goitre b) Blindness c) Stillbirth d) Cretinism

10. In space planning "Aspect" refers to the _____.

a) Overall appearance of the house b) Arrangement of doors and windows
c) Privacy between rooms d) Use of decorative elements

11. The weavers of West Bengal weave a silk brocaded sari called _____.
a) Baluchar Butedar b) Bandha c) Chandini d) chuniri

12. Match Column I (Vaccines) with Column II (Diseases Prevented):

Column I (Vaccines)	Column II (Diseases Prevented)
A. BCG	1. Hepatitis B infection
B. OPV	2. Tuberculosis
C. DPT	3. Polio
D. HEP B	4. Diphtheria, Pertussis, and Tetanus
E. Hi B	5. Haemophilus influenzae type b infections

a) A–2, B–3, C–4, D–1, E–5 b) A–3, B–2, C–4, D–1, E–5
c) A–2, B–4, C–3, D–1, E–5 d) A–2, B–3, C–1, D–4, E–5

13. **Assertion (A):** in rural area, income of a farmer is not regular.
Reason (R): Income from agricultural crops is seasonal and depends on harvests like rabi and kharif.
a) Both A and R are true, and R is the correct explanation of A.
b) Both A and R are true, but R is not the correct explanation of A.
c) A is true, but R is false.
d) A is false, but R is true.

14. Cleaning with solvents or absorbents is called _____.
a) Solvent cleaning b) Dry cleaning
c) Wet cleaning d) Detergent cleaning

15. What does the “one dot” inside the ironing symbol mean?



a) High heat b) Medium heat c) Low heat d) Steam only

II. Fill in the blanks by choosing the appropriate word from those given below: 5 X 1=5

(Kasuti, 6 months, early childhood, social support, fibre)

16. “I am tall” is an example of self-description during the _____ stage of life.
17. Raw fruits and vegetables are good sources of _____.

18. _____ helps individuals cope with stress and solve problems.
19. _____is the term used for the embroidery of Karnataka.
20. Supplementary foods are introduced at about _____ months of age.

PART -B

II. Answer any FIVE of the following question: 5 X 2 = 10

21. Mention any four branches of Home Science.
22. What do you mean by personal Identity and social Identity?
23. Differentiate between cable-based and wireless technology.
24. Mention any two traditional media of communication in south India.
25. Name any two diseases associated with obesity.
26. Give two examples each of compulsory work and optional work.
27. Name two methods of tie-and-dye practiced in India.
28. During a practical session, a student learns about different types of bleaching agents used for removing stains from fabrics. Some bleaching agents work by releasing oxygen and are therefore called oxidising bleaches. Name any two oxidizing bleaches.

PART -C

III. Answer any FIVE of the following question: 5 X 3 = 15

29. Adolescents tend to develop a strong need for support from their peers. Explain.
30. Your adolescent friend has become less active while staying at home. Suggest three tips to help them include regular exercise in their daily routine.
31. Explain any three characteristics of resources.
32. List the properties of rayon.
33. Explain any three tools in time management.
34. Write any three poetic names associated with Dacca muslin fabrics.
35. List any three factors to be considered for safe investment.
36. How are the following stains removed?
    a) Blood b) ink c) lipstick

PART -D

V. Answer any FOUR of the following question: 4 X 5 = 20

37. Classify the five basic food groups suggested by ICMR.
38. Explain the different steps involved in obtaining wool from sheep.
39. Several people suffered from illness after eating pani-puri from a roadside stall.
    a) Explain any three factors that can lead to contamination of food. (3M)
    b) When does food-borne illness occur? (1M)

c) What diseases can result from the contaminated food? (1M)

40. Define health. Explain the factors affecting nutritional well-being. (1M+4M)
41. Plan a balanced diet for school-age children.
42. Explain the factors that affect the selection of clothing in India.
43. Explain the steps in making a budget.

PART -E

VI. Answer any ONE of the following questions: 1 X 5 = 5

44. A community regularly uses different forms of media in their daily lives. People read newspapers, watch television programmes, listen to radio, use mobile applications, access various online platforms. These media have become an important part of people's everyday activities. Explain the different functions of media.
45. A mother gives birth to a healthy baby. The doctor advises her to exclusively breastfeed the baby for the first six months.

a) Why is mother's milk considered the best food for an infant? (4M)

b) Name the first secretion of milk, which is yellow and sticky. (1M)

****