2017
HOME SCIENCE

Total marks : 70 Time : 3 hours

General instructions :

i) Approximately 15 minutes is allotted to read the question paper and revise the answers.

ii) All questions are compulsory.

iii) The question paper consists of 32 questions.

iv) Marks allocated to every question are indicated against it.

N.B: Check that all pages of the question paper is complete as indicated on the top left side.

Choose the correct answer from the given alternatives:

1. The average height of an Indian child at birth is **1**
   (a) 40cm (c) 50cm
   (b) 45cm (d) 60cm

2. In_____ play, the enjoyment is derived from the activities of others. **1**
   (a) active (c) explanatory
   (b) passive (d) serious

3. The mineral that helps in the formation of blood clot is **1**
   (a) Iodine (c) Phosphorous
   (b) Iron (d) Calcium

4. _____ disease is more common among women than in men. **1**
   (a) Rickets (c) Anaemia
   (b) Goitre (d) Night-blindness

5. Which of these nutrients helps in the production of antibodies? **1**
   (a) Proteins (c) Vitamins
   (b) Carbohydrates (d) Fats

6. What is the full form of BMR? **1**
   (a) Basal Metabolic Rank (c) Basal Metabolic Range
   (b) Basal Metabolic Ratio (d) Basal Metabolic Rate

7. _____ is an example of semi- perishable food. **1**
   (a) Honey (c) Meat
   (b) Curry powder (d) Oil

8. _____ provides guaranteed returns, high interest rate, compensation after death and medical facilities. **1**
   (a) Investment in Banks and Post Offices
   (b) Investment in Shares and Debentures
   (c) Life Insurance Savings
   (d) Investment in Gold and other assets

9. The chemical present in detergent used for heavy duty washing is **1**
   (a) Surfactants (c) Perfume
   (b) Foaming agent (d) Builders

10. For children garments, the requirement of hem should not be less than **1**
   (a) 1" - 2" (c) 3" - 4"
   (b) 2" - 3" (d) 4" - 5"

Answer the following questions in 20-30 words :

11. Why should skills be learned one at a time? **2**

12. Name the four stop gap forms of communication that nature provides for children. **2**

13. What deficiency leads to the disease Pellagra? Name the three D's that characterized the disease. **2**

14. Milk is referred to as the 'complete food'. Why? **2**

15. Why should there be flexibility in meal planning? **2**

16. What are perishable foods? Give two examples. **2**

17. Why is it important to wash our food well? **2**

18. List four ways of supplementing family income. **2**

19. Draw a format for maintenance of daily expenditure record for two days. **2**

20. What does Right to Consumer Education mean? **2**

21. Differentiate between incidental adulteration and intentional adulteration. **2**

22. What are fasteners? **2**

Answer the following questions in 40-60 words :

23. Give a brief account on the physical needs of children. **3**
24. State any three differences between growth and development. **3**
25. Enumerate any three factors influencing children's play. **3**
26. List six ways how the package of a product helps the consumers. **3**
27. Define design. Distinguish between structural and decorative design. **3**
28. State any three precautionary measures while using a stain removal. **3**
29. What is saponification? How is the manufacture of soap done by hot process? **3**

Answer the following questions in 80-100 words :

30. Enumerate the various functions of Vitamin A. **5**
31. Discuss the factors influencing the efficient utilization of resources. **5**
32. Explain the different steps used in flower arrangement. **5**

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