

**HOME SCIENCE**  
**CLASS : X**  
**SUBJECT : HOME SCIENCE**

Full Marks : 80 Marks

Time : 3 Hours

**1. WEIGHTAGE OF OBJECTIVES:**

| Objectives          | Knowledge | Understanding | Application | Skill | Total |
|---------------------|-----------|---------------|-------------|-------|-------|
| Percentage of Marks | 40        | 50            | 5           | 5     | 100   |
| Marks               | 32        | 40            | 4           | 4     | 80    |

**2. Weightage to Forms of questions:**

| Form of Questions          | LA<br>7 marks | SA1<br>4 marks | SA2<br>3marks | SA3<br>2 marks | VSA<br>1 mark | Objective<br>1 mark | Total |
|----------------------------|---------------|----------------|---------------|----------------|---------------|---------------------|-------|
| No. of Questions           | 3             | 4              | 6             | 8              | 5             | 4                   | 30    |
| Marks Allotted             | 21            | 16             | 18            | 16             | 5             | 4                   | 80    |
| Estimated Time(in minutes) | 54            | 40             | 42            | 32             | 10            | 8                   | 180   |

**3. Weightage of Contents :**

| Unit | Name of the Unit   | Marks |
|------|--|-------|
| I    | PRINCIPLES OF DEVELOPMENT  | 12    |
| II   | ROLE OF BOOKS, MUSIC, RHYMES, GAMES etc.   | 08    |
| IV   | MEAL PLANNING  | 10    |
| V    | DIET IN SPECIAL CONDITION  | 05    |
| VI   | FOOD HYGIENE, METHODS OF SELECTION AND STORAGE OF FOOD   | 05    |
| VII  | RESOURCE AVAILABLE TO FAMILY   | 12    |
| IX   | CONSUMER   | 08    |
| X    | CARE OF CLOTHES<br>SEC A – LAUNDRY AGENTS & EQUIPMENTS<br>SEC B – WASHING & FINISHING OF CLOTHES | 16    |
| XI   | QUALITY CHECK OF APPERALS  | 04    |

4. Scheme of Section : NIL

5. Scheme of option : Internal option must be given in Essay/Long Answer type questions testing the same objective.

6. Difficulty level : Easy 40%, Average 50%, Difficult 10%

**BLUE PRINT ( Only for the sample Question Paper illustrated)**

Subject : HOME SCIENCE Full Marks : 80 marks Class : X Time : 3 hours

| Unit  | Objective   | Knowledge |      |       |        |     |      | Understanding |       |       |        |      |      | Application |      |       |        |      |   | Skill |     |     | Total |        |
|---|---|-----------|------|-------|--------|-----|------|---------------|-------|-------|--------|------|------|-------------|------|-------|--------|------|---|-------|-----|-----|-------|--------|
|   |   | E/LA      | SA/I | SA II | SA III | VSA | O    | E/LA          | SA/I  | SA II | SA III | VSA  | O    | E/LA        | SA/I | SA II | SA III | VSA  | O | E/LA  | SA1 | SA2 |       | SA III |
| I   | Principles Of Development   | 7(1)      |      |       |        |     |      |               |       | 3(1)  |        |      |      |             |      |       |        |      |   |       |     |     | 2(1)  | 12     |
| II  | Role Of Books, Music, Rhymes, Games Etc.  |           |      |       |        |     | 1(1) |               | 4(1)  |       | 2(1)   |      | 1(1) |             |      |       |        |      |   |       |     |     |       | 08     |
| IV  | Meal Planning   |           | 4(1) |       |        |     | 1(1) |               |       |       | 2(1)   |      |      |             |      | 3(1)  |        |      |   |       |     |     |       | 10     |
| V   | Diet In Special Condition   |           |      | 3(1)  |        |     |      |               |       |       | 2(1)   |      |      |             |      |       |        |      |   |       |     |     |       | 05     |
| VI  | Food Hygiene, Methods Of Selection And Storage Of Food  |           |      | 3(1)  |        |     | 1(1) |               |       |       |        |      | 1(1) |             |      |       |        |      |   |       |     |     |       | 05     |
| VII   | Resource Available To Family  | 7(1)      |      |       |        |     |      |               |       | 3(1)  | 2(1)   |      |      |             |      |       |        |      |   |       |     |     |       | 12     |
| IX  | Consumer  |           |      |       | 2(1)   |     |      |               | 4(1)  |       |        |      | 1(1) |             |      |       |        | 1(1) |   |       |     |     |       | 08     |
| X   | Care Of Clothes<br>Sec A – Laundry Agents & Equipment<br>Sec B – Washing & Finishing Of Clothes |           |      |       | 2(1)   |     | 1(1) | 7(1)          |       | 3(1)  |        |      | 1(1) |             |      |       |        |      |   |       |     |     | 2(1)  | 16     |
| XI  | Quality Check Of Apparels   |           |      |       |        |     |      |               |       | 4(1)  |        |      |      |             |      |       |        |      |   |       |     |     |       | 04     |
| Marks with forms of Questions                 |   | 14(2)     | 4(1) | 6(2)  | 4(2)   |     | 4(4) | 7(1)          | 12(3) | 9(3)  | 8(4)   | 4(4) |      |             |      | 3(1)  |        | 1(1) |   |       |     |     | 4(2)  | 80     |
| Marks with number of Questions with Objective |   | 32(12)    |      |       |        |     |      | 40(15)        |       |       |        |      |      | 4(2)        |      |       |        |      |   | 4(2)  |     |     | 80    |        |

Notes: (1) Figure within brackets indicate the number of questions and figures outside the brackets indicate marks.

(2)\* Denotes that marks have been combined to form one question.

Summary :

| Type of question         | No. of Question | Marks | Total | Type of question  | No. of Question | Marks | Total |
|--------------------------|-----------------|-------|-------|-------------------|-----------------|-------|-------|
| Essay/Long Answer (E)/LA | 3               | 7     | 21    | Short Answer (3)  | 8               | 2     | 16    |
| Short Answer (SA)1       | 4               | 4     | 16    | Very Short Answer | 5               | 1     | 05    |
| Short Answer (SA)2       | 6               | 3     | 18    | Objective Type    | 4               | 1     | 04    |

**Sample Question Paper**  
**Class-10**  
**Subject- HOME SCIENCE**

FULL MARKS=80

PASS MARK=20

TIME=3hrs

*The figures in the right hand margin indicate full marks for the questions.*

*Answer question no. 1 to 5 in a sentence.*

1. Which parts of meat are more perishable? 1
2. Why should very dirty cotton fabrics be soaked? 1
3. Which factors are responsible for incidental food contamination? 1
4. How do rhymes help children to socialize with their age mates? 1
5. Why is standardization of foodstuff necessary? 1

**Choose the correct answer and rewrite the answer.**

6. Balanced sense of right and duties are provided to a child by \_\_\_\_\_ 1  
(a) Books (b) Music (c) Games (d) Radio
7. Food budget can be \_\_\_\_\_ by meal planning. 1  
(b) Minimized (b) Controlled (c) Diverted (d) Adjusted
8. Inculcation of hygienic habits helps in \_\_\_\_\_ food contamination. 1  
(c) Transferring (b) Infecting (c) Preventing (d) Producing
9. While drying, coloured garments should be turned inside \_\_\_\_ to sustain colour. 1  
(d) Back (b) Up (c) In (d) Out

**Answer question no. 10 to 17 in about 30 words each.**

10. Why do we need to provide good nutrition during pregnancy? 2
11. What are the uses of suction washer? 2
12. Why is management of resources essential? 2
13. What information do labels give to the consumer? 2
14. Draw a neat diagram of a ten month old child standing with a support. 2
15. Why do children like to listen to music on records than music from any source? 2
16. Why is meal planning both an art and science? 2
17. Draw a neat diagram of a sleeve board. 2

**Answer the following in about 50 words.**

18. What type of foods stuffs should be included in planning meals for older persons? 3
19. Point out the differences between gross motor skills and fine motor skills. 3
20. How do family size and composition affect meal planning? 3
21. Write 3(three) preventive measures to exclude the entry of insects and rodents in the house. 3
22. Point out three different ways of increasing family resources by the use of skills and abilities. 3

23. Explain the precautions needed for washing synthetic fabrics like rayon 3

**Answer the following in about 80 words.**

24. Write down any four needs for planning meals. 4
25. Explain any four factors which influence children's interest in watching television. 4
26. Which organization produces informative pamphlets and booklets on standards of products? From which sources can a consumer acquire information about different goods? 1+3=4
27. Explain the factors to be kept in mind while selecting ready-made garments. 4

**Answer the following in about 100-120 words.**

28. What is socialization? Write any six different forms of social behavior developed during socialization in children. 1+6=7

Or

Define physical development. State briefly about the development on weight height and body build during early childhood period. 1+6=7

29. Write down any 7(seven) general characteristics of resources. 7

Or

Classify resources. Write briefly the different steps of management process. 3+4=7

30. Explain the correct steps of washing a woolen blouse. 7

Or

Explain the correct steps of washing a silk fabric. 7

## QUESTION ANALYSIS- HOME SCIENCE

| Q. No. | Objective<br>K/U/A/S<br>Or K/E/C | Topic<br>Chapter No & Name           | Specification | Form of<br>Question<br>E/SA1/SA2/<br>SA3/VSA/O | Marks<br>allotted | Estimated<br>Difficulty<br>Level<br>A/B/C | Time<br>(mins) |
|--------|----------------------------------|--------------------------------------|---------------|--|-------------------|---|----------------|
| 1      | U                                | VI – Food Hygiene and Proper Storage | Identify      | VSA  | 01                | A   | 2              |
| 2      | U                                | X- Care of Clothes                   | Evaluate      | VSA  | 01                | A   | 2              |
| 3      | A                                | IX – Consumer Education              | Identify      | VSA  | 01                | C   | 2              |
| 4      | U                                | II – Role of Books                   | Predict       | VSA  | 01                | B   | 2              |
| 5      | U                                | IX – Consumer Education              | Evaluate      | VSA  | 01                | B   | 2              |
| 6      | K                                | II – Role of Books                   | Recall        | O  | 01                | A   | 2              |
| 7      | K                                | IV – Meal Planning                   | Recognise     | O  | 01                | A   | 2              |
| 8      | K                                | VI – Food Hygiene and Proper Storage | Recall        | O  | 01                | A   | 2              |
| 9      | K                                | X- Care of Clothes                   | Recognise     | O  | 01                | A   | 2              |
| 10     | U                                | V- Diet in Special Conditions        | Evaluate      | SA3  | 02                | B   | 4              |
| 11     | K                                | X- Care of Clothes                   | Recall        | SA3  | 02                | A   | 4              |
| 12     | U                                | VIII – Resources available to family | Predict       | SA3  | 02                | B   | 4              |
| 13     | K                                | IX – Consumer Education              | Recall        | SA3  | 02                | A   | 4              |
| 14     | S                                | I- Principles of Development         | Draw          | SA3  | 02                | C   | 4              |
| 15     | U                                | II – Role of Books                   | Compare       | SA3  | 02                | B   | 4              |
| 16     | U                                | IV – Meal Planning                   | Justify       | SA3  | 02                | B   | 4              |
| 17     | S                                | X- Care of Clothes                   | Draw          | SA3  | 02                | C   | 4              |
| 18     | K                                | V- Diet in Special Conditions        | Recall        | SA2  | 03                | A   | 7              |
| 19     | U                                | I- Principles of Development         | Compare       | SA2  | 03                | B   | 7              |
| 20     | A                                | IV – Meal Planning                   | Evaluate      | SA2  | 03                | C   | 7              |
| 21     | K                                | VI – Food Hygiene and Proper Storage | Recall        | SA2  | 03                | A   | 7              |
| 22     | U                                | VII – Resources available to family  | Evaluate      | SA2  | 03                | B   | 7              |
| 23     | U                                | X- Care of Clothes                   | Explain       | SA2  | 03                | B   | 7              |
| 24     | K                                | IV – Meal Planning                   | Recall        | SA1  | 04                | A   | 10             |
| 25     | U                                | II – Role of Books                   | Explain       | SA1  | 04                | B   | 10             |
| 26     | U                                | IX – Consumer Education              | Identify      | SA1  | 04                | B   | 10             |
| 27     | U                                | XI – Quality Check of Apparels       | Explain       | SA1  | 04                | B   | 10             |
| 28     | K                                | I- Principles of Development         | Recall        | E  | 07                | A   | 18             |
| 29     | K                                | VII – Resources available to family  | Recall        | E  | 07                | A   | 18             |
| 30     | U                                | X- Care of Clothes                   | Explain       | E  | 07                | B   | 18             |