

Home Science Sample Question Paper 2018

TIME -3Hrs

M.M-70

Section A (1 Mark)

1. What are the two factors that affect the expenditure of the family?

Ans: Two factors that affect the expenditure of a family are-

- i) Inflation
- ii) Family size

2. Distinguish between cephalocaudal and proximodistal development.

Ans: Cephalocaudal development – Head to toe

Proximodistal development – Centre of the body to the ends.

3. Write one similarity and one difference between DWCRA and MGNREGA.

Ans: (i) Similarity – Development of rural areas

(ii) Difference: DWCRA - It is for the development of women and children in rural areas by generating self-employment, whereas MGNREGA is for the development of all the people in rural areas by generating wage employment.

4. Mention two reasons why adolescents are vulnerable to depression.

Ans: Adolescents are vulnerable to depression because –

- (i) Negative life experiences and events during adolescent years.
- (ii) Worried about self and future.

5. How can college-going Shruti increase her real income?

Ans: Ways to increase real income by college going, Shruti, are –

- (i) By using community facilities
- (ii) By using her skills, she can either stitch her clothes or take tuition classes.

6. Why should detergents be preferred over soap?

Ans: Detergents should be preferred over soap because –

- (i) It can be used in both hard and soft water.
- (ii) They do not leave soap scum on the tub or clothes.

Section B (2 Marks)

7. Ramesh has diarrhea and constipation in patients at home. What differences can he make when cooking food for both these patients?

Ans:

Diet for Diarrhoea Patients	Diet for Constipation patients
(i) Low fiber food	High fiber food.
(ii) Start from a liquid diet and then move to semisolid diet.	A soft diet should be given.
(iii) Water electrolyte balance should be maintained	Bulking agents like bran, isabgol should be included

8. Enlist the importance of milk and its products in one's diet.

Ans: The Importance of milk and its products, it provides

- (i) Protein
- (ii) Fat
- (iii) Vitamin A
- (iv) Calcium

9. Your 70-year-old grandfather gets angry very soon. Write any two possible reasons for it and any two ways to control it.

Ans: Causes of anger –

- (i) Feeling of worthlessness, incapacity, etc.
- (ii) Illness

10. List any four opportunities available for a career in the field of “Resource Management and Design Application”.

Ans: A career in the field of Resource Management and Design Application.

- Window display designer
- Advisor on consumer rights
- Public Relations
- Interior designer

11. Write the impact of culture and media on a 15-year-old boy.

Ans: Impact of culture –

- Learn the family value system
- Inculcate habits of the family (eating, dressing, etc)

Impact of Media -

- View different cultures
- Getting information and exploring career choices

12. You notice various pests in your kitchen. In what four ways could you have prevented your kitchen the pests come from?

Ans: Prevention of pests from the kitchen-

- i) Wire mesh on windows and doors.
- ii) Drains should have cockroach traps.
- iii) Regular spray of pesticides.
- iv) All corners, crevices, or cracks should be sealed.

13. Suggest to an affluent family about any one latest methods of water purification they should use in the home, with its one advantage and one limitation.

Ans: Method of water purification –

- Reverse osmosis: Mechanical pressure is applied to an impure solution to force pure water through a semi-permeable membrane.
- Advantages – It kills all the microorganisms
- Limitation: Water wastage

Section C (3 Marks)

14. Illustrate any three designs for the sleeve of a kurta for a girl/boy who has thin arms, using elements of design.

Ans: Fig.. Any suitable figure.

- i) Horizontal lines make the area appear larger.
- ii) Puffed sleeves give the impression of fullness.
- iii) Big prints or embroidery on the sleeves.

15. A family purchases food items from the local market. Nowadays, their ten-year-old boy is suffering from skin rashes and edema that the doctor has ascribed to his food intake. What could be the reason for it, and write what other two symptoms can be observed in him? Give three steps to prevent it.

Ans: Reason – consuming adulterated food with argemone.

Two other symptoms –

- i) Kidney failure
- ii) Gastrointestinal disturbances/irregular fever

Three steps to prevent it –

- i. Buy sealed and packed food items
- ii. Purchase from a reputable shop
- iii. Buy reputed brands that have genuine standardized marks
- iv. Read the label carefully (any 3)

Section D (4 Marks)

16. How are new responsibilities added at middle adulthood, and how do the people of this age group cope with them?

Ans:

Responsibilities in middle adulthood	How to cope with them
i) Adjusting to physical changes	Eating healthy food and lifestyle changes to keep oneself fit.
ii) Finding satisfaction in one's occupation	Seniority and experience give an immense satisfaction at the workplace.
iii) Assuming social and civic responsibilities	Participation in a community programme for society's progress.
iv) Launching children	Help their children establish their own careers, homes, and manage their own lives
v) Revitalizing marriage	Couples can give time to each other

17. Adolescence is a period of change in one's life.

(a) Tell any four cognitive changes adolescents go through.

(b) Give any four advantages of peer groups in their life.

Ans: Cognitive changes during adolescence-

- i) Idealism and criticism
- ii) Argumentativeness
- iii) Meta cognition, planning, and decision making
- iv) Self-consciousness and self-focusing

Advantages of peer groups in adolescent life-

- i) To develop social skills
- ii) Provide emotional support
- iii) Sharing problems and feelings
- iv) Motivating self-esteem

18. Rita is working in a company. She wants to invest some money, but is confused between bank and post office schemes. Guide her to select between two of these, and also tell her any four factors she should keep in mind while selecting an investment scheme.

Ans:

Bank	Post Office
i) Vaults (lockers) are available.	i) The vault (locker) is not available.
ii) These are not found in remote or tribal areas.	ii) These are situated in remote or tribal areas also.
iii) ATM, debit card, and credit card facilities are available.	iii) These facilities are not available.
iv) A savings account can be opened with a minimum amount of Rs 500/- *(varies from bank to bank)	iv) Savings account can be opened with a minimum amount of Rs 20/-*

Four factors to be kept in mind while selecting an investment scheme –

- i) Liquidity
- ii) Easy Accessibility and convenience
- iii) Tax benefits
- iv) Time period
- v) Risk and security
- vi) Capacity

19. When you buy a shirt for yourself, how will you decide on it by keeping in mind the quality, workmanship, season, and drape? Give two points for each of the above-mentioned concerns.

Ans: Points to be kept in mind for –

Quality of the shirt-

- i) Type of fabric
- ii) Good finishing

Workmanship of the shirt-

- i) Collars – It should lie flat on the bodice.
- ii) Fasteners- It should have well-aligned, matching, and tightly secured fasteners.

Season-

- i) Cotton or linen for summers.
- ii) Woolen or cotton wool for winters.

Drape of the shirt-

- i) It fits well at the shoulder.
- ii) The shirt does not ride up from the front.

20. Your mother has to buy Gold from the market. These days, numerous brands are advertising about their product and the Government has also put a standard mark on the Gold items to make them more reliable. Draw the standard mark your mother should look for on the gold item and compare between the consumer aids and standard marks by giving their two benefits and one drawback.

Ans:



Advertisement

Benefits

- i) Consumers become aware of the availability of the products.
- ii) Persuade the consumers.

Drawbacks: Most of the time, complete and correct information is not given by the manufacturers.

Standardized Mark

Benefits

- i) Ensures the quality of the product
- ii) Manufacturers upgrade the quality of products

Drawbacks: A Replica of the standard mark may be used

21. Mr. Singh earns Rs. 70,000/- from his shop, owns a house in a good locality, has domestic help for household chores, and is satisfied with saving Rs. 20,000/- every month. Identify and define the different types of income of Mr. Singh by observing the above-mentioned statement.

Ans: i) Earns Rs. 70,000 is money income

- Money income – All the income received in the form of money or cash in terms of currency is termed as money income.

ii) Lives in own house is real direct income

- Real Direct income – It consists of those material goods and services available to the family members without spending money.

iii) Domestic help is real indirect income

- Real indirect income – It consists of those material goods and services that are available to the family only after some means of exchange (mainly money) is involved.

iv) Satisfied with saving Rs 20,000

- Psychic Income – It refers to the satisfaction derived from the use of money and the real income.

Section E (5 Marks)

22. Give five points of comparison with one justification each for the type of clothes you would select for a 1-year-old, 8-year-old, 16-year-old, 36-year-old, and 76-year-old person.

Ans:

Age	Type of clothes	Justification
1	Provide freedom of movement Should not soil easily, soft, and comfortable	Skin is soft and sensitive
8	Proper fitting, Easy to wear	These children like to dress themselves and are involved in activities
16	Creative, trendy, and Latest in fashion	Conscious of their looks
36	Elegant, Easy to care	Based on their profession and choice
76	Loose and comfortable, Soft and lightweight	Physiological changes

23. 'Nutritional needs and food preferences of an individual affect meal planning'. Support this statement with two examples each. Mention two points you will keep in mind while planning a meal for a preschooler.

Ans: Nutritional needs

Two examples –

- i) Type of occupation – Sedentary worker needs fewer calories as compared to moderate and heavy workers.
- ii) Physiological state – Pregnant and lactating women have a higher calorie requirement as compared to a normal woman.

II. Food preferences

Two examples-

- i) Some communities avoid the consumption of certain foods in their meals. For eg, Hindus do not eat beef.
- ii) People of Punjab prefer wheat, whereas South Indians prefer rice.

III. Meal for preschoolers-

- i) A balanced meal should be given.
- ii) An appealing and attractive meal should be served.

24. Describe any five problems faced by consumers while purchasing goods, vegetables, and grocery items from the market. Also write three rights and two duties of an alert consumer in this context.

Ans: Five Problems of Consumers

- 1. Lack of availability of quality goods

- 2. Adulteration
- 3. Higher prices than M.R.P
- 4. Incorrect weights and measures
- 5. Incomplete or misleading consumer information

Three Rights of Consumers

- 1. Right to safety
- 2. Right to be heard
- 3. Right to choose
- 4. Right to information (Any 3)

Two duties of consumers

- 1. Using information wisely
- 2. Seeking Redressal
- 3. Using the product safely (Any 2)

25. Neha took out her silk sari with a golden zari border from the cupboard and found border had turned black and had holes in it. What could be the possible reasons for both, and also tell her six precautions she should take while storing silk?

Ans: Possible reasons for -

- Black zari border – Use of naphthalene ball turned zari (brocade) black.
- Holes – Carpet beetles have attacked the sari.

Precautions for storage of sari-

- i) Dry clean the sari before storing it.
- ii) It should be wrapped in clean white sheets or muslin cloth.
- iii) They should be aired occasionally and refolded in the opposite direction.
- iv) Naphthalene balls should never be used.
- v) Keep the saris in dry and insect-proof boxes.
- vi) Insert tissue paper between folds to prevent creases.

BioSmartNotes