



**MARKING SCHEME  
(HOME SCIENCE)  
CLASS X**

<b>SECTION A</b>		
	<b>Fill in the blanks:</b>	
1.	Early childhood stage	1
2.	Egocentrism	1
3.	Washing machine/mixer/grinder/chopper/ any other (anyone)	1
4.	b. To avoid the growth of microorganisms	1
5.	Proteins	1
6.	3020 Kcal.	1
7.	Starch	1
8.	Maximum stretch	1
9.	Recommended Dietary Allowances  OR  Indian Council of Medical Research	1
10.	 Bleach	1
11.	It shows the age: 10 years	1
12.	ARGEMONE SEEDS	1
13.	b. NaCl  <b>OR</b>  Metanil yellow	1
14.	c. Teaching underprivileged children	1
15.	a. Money income	1
16.	a. Developing skills at work	1
17.	b. Wearing rings	1



	<p>4. Wear clean clothes. 5. Wash all utensils, chopping boards and knives after use. 6. Any other (any four)</p> <p style="text-align: center;"><b>OR</b></p> <p>Four points to be kept in mind while storing leftover food:</p> <ol style="list-style-type: none"> <li>1. It should be cooled and packed immediately.</li> <li>2. It should be reheated and consumed as soon as possible.</li> <li>3. Food should be covered with tight fitted lids and stored in refrigerator.</li> <li>4. Raw and cooked items should be stored separately.</li> <li>5. Foods which absorb flavors stored away from those that give strong flavors.</li> <li>6. Any other (any four)</li> </ol>	$\frac{1}{2} \times 4 = 2$
23.	<p>Mark found on agricultural products:</p> <p>AGMARK</p> 	1+1=2
<b>SECTION C</b>		
24.	<p>Six important factors which she should follow while planning meal for this family are:</p> <ol style="list-style-type: none"> <li>1. Age of family members</li> <li>2. Meal pattern followed by family</li> <li>3. Number of family members</li> <li>4. Occupation and activity of family members</li> <li>5. Availability of food items</li> <li>6. Food habits of family</li> <li>7. Sex/Gender</li> <li>8. Climate condition</li> <li>9. Budget of family</li> <li>10. Any other (any six)</li> </ol>	$\frac{1}{2} \times 6=3$
25.	<p>Steps to be followed to file a complaint:</p> <ol style="list-style-type: none"> <li>1. Send a notice to opposite party by registered post.</li> <li>2. Fill in the prescribed form of complaint.</li> <li>3. State all the facts.</li> <li>4. Attach the bills along with court fee.</li> </ol>	3



	<ol style="list-style-type: none"> <li>3. Do not wear dirty footwear in kitchen.</li> <li>4. Keep nails unpainted and short.</li> <li>5. Do not lick food.</li> <li>6. Keep your head covered</li> <li>7. Any other (any four)</li> </ol> <p><b>b. To keep kitchen insect free.</b></p> <ol style="list-style-type: none"> <li>1. Insecticides should be sprayed.</li> <li>2. Drains should have cockroach traps.</li> <li>3. Wire mesh on windows and doors.</li> <li>4. Adequate lighting in the kitchen.</li> <li>5. All crevices or grooves should be filled.</li> <li>6. Any other (any four)</li> </ol>	<p>1/2x4=2</p> <p>(2+2=4)</p>
28.	<p><b>a. Four responsibilities to tackle the problem of imitation:</b></p> <ol style="list-style-type: none"> <li>1. Read the details on the labels.</li> <li>2. Check the standard mark for the code and the license number.</li> <li>3. Scan the bar code with smart phone to know the product name and manufacturer.</li> <li>4. Refuse to buy damaged packing of products.</li> <li>5. Buy only sealed and packed products.</li> <li>6. Any other (any four)</li> </ol> <p><b>b. Government agencies:</b></p> <ol style="list-style-type: none"> <li>1. Ministry of government affairs</li> <li>2. Grahak Suvidha Kendra</li> <li>3. FSSAI</li> <li>4. Bureau of Indian Standards</li> <li>5. Any other (any two)</li> </ol> <p><b>Non-government agencies:</b></p> <ol style="list-style-type: none"> <li>1. Consumer unity and trust society</li> <li>2. IFCO</li> <li>3. Consumer voice</li> <li>4. Any other (any two)</li> </ol>	<p>1/2 x4 = 2</p> <p>1/2 x 4=2</p> <p>(2+2=4)</p>
29.	<p>Four precautions to be taken while storing woolen garment:</p> <ol style="list-style-type: none"> <li>1. Clothes should be hung on rust proof hangers and have enough space in between for aeration.</li> <li>2. Should not have moisture before storing as it may damage the woolen garment.</li> <li>3. Food stains should be removed immediately before storing as microorganisms' attack food stains.</li> </ol>	<p>2+2=4</p>



	<p><b>Early childhood:</b></p> <ol style="list-style-type: none"> <li>1. Have imaginary friends.</li> <li>2. Develop a sense of Humour and enjoy acting silly.</li> <li>3. Start feeling empathy and realize that others too have feelings.</li> <li>4. Cannot control their impulses.</li> <li>5. Do not hide their emotions.</li> <li>6. Emotions are short lived and unpredictable.</li> <li>7. Any other (any five)</li> </ol> <p><b>Middle childhood:</b></p> <ol style="list-style-type: none"> <li>1. Exhibits their emotions in socially approved way.</li> <li>2. Better in controlling impulses.</li> <li>3. Are cheerful and fun loving.</li> <li>4. Can be stubborn and self- centered.</li> <li>5. Impatient but not as moody as before.</li> <li>6. Have fewer fears.</li> <li>7. Any other (any five)</li> </ol>	
31.	<p><b>Five food groups and major nutrients provided:</b></p> <ol style="list-style-type: none"> <li>1. Whole grain Cereals, millets and tubers: protein, fibers, Vit B complex, Iron, Calcium.</li> <li>2. Pulses and legumes: Proteins, B complex, vitamins &amp; minerals.</li> <li>3. Milk and milk products, Eggs, Meat and Fish: Protein, Calcium, Vitamin A, Omega 3</li> <li>4. Vegetables and fruits: Iron, Vitamin A, Vitamin C, Minerals, Fiber</li> <li>5. Oils, Fats, Nuts, sugar and jaggery: Fats, Fat soluble vitamins, Essential fatty acids.</li> </ol>	5
32.	<p>Give one reason for each of the following:</p> <ol style="list-style-type: none"> <li>1. Cotton clothes should be stored away from dampness: they may be affected by mildew.</li> <li>2. Silk should not be exposed to direct sunlight for long time: silk becomes yellow/discoloration</li> <li>3. Storage boxes can be lined with newspaper: ink of newspaper repels insects.</li> <li>4. Safety pins, buckles etc. should be removed from clothes before storing: they may leave rust stain.</li> <li>5. Rayon should be de-starched before storing: it can be attacked by silverfish.</li> </ol>	1 x 5 = 5
33.	<p><b>a. Four factors which may affect the income of a family are:</b></p>	$\frac{1}{2} \times 4 = 2$

	<ol style="list-style-type: none"> <li>1. Skills and talents of family members.</li> <li>2. Enough Time and energy helps to supplement income.</li> <li>3. Higher Interest in job increases the efficiency and income.</li> <li>4. Location of home; e.g. cities have more job opportunities.</li> <li>5. Investments</li> <li>6. Assets</li> <li>7. Any other (any four)</li> </ol> <p><b>b.</b> Differentiate between money income and real income. Give one example of each.  Money income: it is the cash available to a family over a period of time. e.g.. salary, rent, bonus  Real income: it is the stream of goods and services available to a family over a period of time. E.g. skills, abilities, community facility.</p> <p style="text-align: center;"><b>OR</b></p> <p><b>a.</b> Importance of keeping household records:</p> <ol style="list-style-type: none"> <li>1. Helps to know exact amount of the money available to the family.</li> <li>2. Avoid wasteful expenditures.</li> <li>3. Serves as a guide for current and future expenses.</li> <li>4. Help avoid being overcharged.</li> <li>5. Helps to ensure that money lasts throughout the month.</li> <li>6. Any other (any four)</li> </ol> <p><b>b.</b> Six ways to reduce expenditure;</p> <ol style="list-style-type: none"> <li>1. Use public transport or carpool.</li> <li>2. Study on your own and avoid tuitions.</li> <li>3. Do not buy branded clothes.</li> <li>4. Borrow books from library instead of buying.</li> <li>5. Grow vegetables at home.</li> <li>6. Iron own clothes instead of giving to washer man.</li> <li>7. Taking home made food in tiffin to school.</li> <li>8. Making budget and follow that.</li> <li>9. Any other (any six)</li> </ol>	<p>1.5x2=3 (2+3=5)</p> <p>½ x 4=2</p> <p>½ x 6=3 2+3=5)</p>
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