

INDIAN SCHOOL MUSCAT

FINAL EXAMINATION

CLASS X

SET A

Marking Scheme – HOME SCIENCE

SECTION - A		
Q.N O.	VALUE POINTS	
1.	Rust OR French chalk	1
2.	All the above OR FSSAI	1
3.	To avoid the growth of microorganisms	1
4.	As they learn to obey rules and regulations	1
5.	Cheaper	1
6.	Have imaginary friends OR All of the above	1
7.	All the above	1
8.	Fried food OR Light and digestible food	1
9.	All of the above	1
10.	All of the above OR Missed deadlines	1
11.	consistency	1
12.	Recommended dietary allowance OR Indian council of Medical Research	1
13.	Emulsifying agents/ cleansers	1
14.	Expensive / off flavors	1
15.	Attractiveness of the food items	1
16.	Protein and fat rich food	1

17.	Frying	1
18.	Purchase less expensive alternatives for the more expensive foods	1
19.	quantity of the food items	1
20.	Stain should be removed immediately	1
21.	Carpet Beetle	1
22.	mildew and bacteria	1
23.	it can repel grubs and moths	1
24.	Cancer	1
25.	ISI	1
26.	Packed and sealed product	1
27.	One who purchases goods and avails services	1
28.	Coal tar dyes.	1
29.	FSSAI-Food Safety Standard Authority of India.(1 mark) 1.Give specific standards and guidelines for food articles 2.Specifies food labeling 3.Collect samples and gets them tested to check for food adulteration 4.It issues licenses to food service operators and registers small shops (Any two) (1/2 X 2=1mark)	1+1=2marks.
30.	Animal-blood, milk, egg Grease- oil, ghee Dye- colours Minerals- rust Vegetable-tea, coffee.(any two) (1/2 X 4=2marks)	2 marks
31.	Catches ball with both balls Runs fast Cycles fast Draw shapes (any other) Any four (1/2 X 4=2marks) OR Fantasy Animistic thinking Egocentric Logical thinking. Any other four (1/2 X 4=2marks)	2 marks
32.	1. age 2. sex/gender 3. occupation 4. climate	2 marks

	Any other four (1/2 X 4=2marks)	
33.	1.Dovetailing 2.Use readymade 3.Use labour saving device 4.Avoid doing unnecessary work Any other (1/2 X 4=2marks)	2 marks
34.	Four practices to be followed to keep the kitchen free from pests- 1. Insecticides/pesticides should be sprayed periodically. 2. Drains should have cockroach traps. 3. Windows and doors should be fitted with wire mesh. 4. Floors and walls should be without cracks. 5. Surfaces should be kept free from grease and cleaned frequently. Any four(1/2 X 4=2marks)	2 marks
35.	Oxidizing bleaches Oxygen gets liberated and forms a colourless compound on stain(Example-Sunlight/Hydrogen peroxide .(1/2 +1/2=1 mark) Reducing bleaching Remove oxygen from the stain and make them colourless. Example-Sodium bi sulphate .(1/2 +1/2=1 mark) OR Giving crispness and shining to the fabric.(1/2 +1/2=1 mark) Gum is used to stiffen rayon clothes.(1mark)	2 marks
36.	Three factors which would influence a time plan- 1. Peak load period 2. Fixed time activities 3. Estimate of time for each activity 4. Demands of family 5. Help available in family 6. Use of labour saving devices. 7. Dovetailing (Any three)	1x3=3 marks
37.	Balanced diet is one which contains the various nutrients in the correct quantities. (2 mark) Importance of adding balanced diet in our meal are- 1.Help to maintain body weight 2. Provides provision of nutrients to withstand lean period. 3.Any other(Any two) .(1/2 +1/2=1 mark) OR Plan a balanced diet on their own and categorizing the nutrient	3 marks
38.	Page. No.92 Misleading information-	4marks

	<p>1. Some products are packaged in similar packets</p> <p>2. While advertising some manufacturers give exaggerated picture of products</p> <p>3. Shopkeepers don't give complete information about the products</p> <p>4. Labels are not complete</p> <p>(Any other)</p> <p>Explanation with Any four examples. (1 x 4=4 marks)</p>	
39.	<p>Page.No.19. Table.3.1 Physical features of adolescent Boys and girls.</p> <ol style="list-style-type: none"> Both Increase in height and weight Both Develop adult size hands and feet. Appearance of acne in both. Growth of hair on underarms and pubic areas in both. Growth of sex organs in both. Voice becomes shrill in females and harsh in males. Development of breasts in females and muscles in males. Any other(Any four) (1 x 4=4 marks) <p>OR</p> <p>Explain about the emotional features.</p> <p>Emotional characteristics of adolescents-</p> <ol style="list-style-type: none"> Mood swings Intense emotions Self-conscious Rebellious Casual attitude <p>Any other(Any four) (1 x 4=4 marks)</p>	4marks
40	<p>Page.No:114</p> <p>Any four steps (1 x 4=4 marks)</p> <p>OR</p> <p>Page No.112</p> <p>Eight precautions to be adopted while removing unknown stain are-</p> <ol style="list-style-type: none"> Remove the stain when fresh Soak the stain in plain cold water. Then soak it in warm soapy water. Bleach the stain by exposing it to sunlight. Treat the stain with diluted alkaline solution. Treat the stain with diluted acid. Apply oxidizing bleach. Apply reducing bleach. Rinse all the chemicals Any other(Any eight) (1/2 x 8=4 marks) <p>Write any eight steps to remove unknown stains.</p>	4 marks
41.	<p>Page No. 42.</p> <p>a. Four ways to reduce physiological fatigue-</p> <ol style="list-style-type: none"> Taking rest and relax in between continued physical work. Divide work in smaller units. Alternate between heavy and light activities. Use of labour saving devices Division of work amongst family member to reduce load. <p>Any other(Any four)</p> <p>(4X 1/2=2marks)</p> <ol style="list-style-type: none"> Psychological fatigue(1mark) Any four steps to reduce psychological fatigue Page no.43 (4X 1/2=2marks) 	5 marks

42.	<p>An example for each of factor are-</p> <ol style="list-style-type: none"> 1.Traditions Ex-During Navratri's people restrict onions and garlic. 2.Occassion Ex-Sweets on Diwali/Cakes on Christmas 3.Gender Ex-Dietary requirement of males is more as compared to females. 4.Occupation Ex-Individuals who are involved in light work requires lesser calories as compared to the person doing heavy work. 5.Likes and Dislikes Ex-If a person dislikes milk it can be served in the form of paneer, custard, ice cream, etc. <p>(Any other example for each factor)</p>	5 marks
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