

SECOND YEAR HIGHER SECONDARY EXAMINATION MARCH 2019

SUBJECT : HOME SCIENCE

CODE. NO: SY 28

Qn No	Sub Qns	Answer Key/Value Points	Score	Total
1		9.3	1	1
2		Bitot's spots	1	1
3		21 mg / day	1	1
4		Pasteurization	1	1
5		Nylon	1	1
6		Weaving	1	1
7		Sanforization	1	1
8		Fabric dyeing / Piece dyeing	1	1
9		It has no fixed curriculum or course of study.	1	1
10		Attitude Past experience	1 1	2
11		Fever, Hyperthyroidism, Burns, Nephrotic syndromes, Haemorrhage, After surgery. [Any one point can be scored]	1	1
12		Burning hair / Burning feather	1	1
13		- Severe growth retardation. - Loss of subcutaneous fat [Any other valid points can be scored]	1 1	2

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14		- Perishable food - Non perishable food	1 1	2
15		- Bad conductor of heat - It does not absorb moisture [Any other valid points can be scored]	1 1	2
16		- Removal of starch or stiffening agent - Preparatory process for weaving [Any other valid points can be scored]	1 1	2
17		- Bleaching gives whiteness to the fabric. - It helps in the easy dyeing and printing of the fabric [Any other valid points can be scored]	1 1	2
18		- Homescience derives its body of knowledge from physical and behavioural sciences. - It has five major areas like child development, clothing and textiles, extension education, food and nutrition and family resource management. [Any other valid points can be scored]	1 1	2

Qn No	Sub Qns	Answer Key/Value Points	Score	Total
19		- Dobby - Spot, swivel and lappet are variations of surface figure weave - Dobby weave is a fancy weave [Any one reason from the above can be scored]	1 1	2
20		- Improper handling - Improper storage - Inadequate preparation and cooking - Careless packaging. [Any other valid points can be scored]	1/2 1/2 1/2 1/2	2
21		- It is the method of applying high temperature to food and sealing in air tight cans followed by rapid cooling. - This kills all the microorganisms and sterilises the food [Any other valid points related to canning can be scored]	1 1	2

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22.		- Infantile Beriberi - Dry Beriberi - Wet Beriberi [with Explanation]	1 1 1	3
23		- To keep flavour in - To keep flavour out - To get maximum nutritive value by using appropriate cooking methods.	1 1 1	3
24		- Fulfill the nutritional needs of all members of the family. - Serve well planned and attractive meals. - Make the food economical [Any other valid points can be scored]	1 1 1	3
25		- short duration fever - Long duration fever - Intermittent fever [with explanation]	1 1 1	3

Qn. No	Sub Qns	Answer key / Value Points	Score	Total
26		- Amount of twist - Direction of twist - Degree of balance [with explanation]	1 1 1	3
27		- Knitting is younger to weaving as a fabric construction process - Knitting is two to five times faster than weaving. - Knits have greater porosity but lesser cover than woven fabrics. [Any other valid points can be scored]	1 1 1	3
28		- Warp or End - Bias - Fabric count - Balance - Selvedge - Grain line [Any three with explanation]	1 1 1 1 1 1	3

Qn No.	Sub Qns.	Answer key / Value Points	Score	Total
29		- It is capable of printing fabrics up to 2m in width. - They produce latest innovative and creative designs. - This uses large format digital inkjet printers. [Any three valid points can be scored]	1 1 1	3
30		- Direct purposeful experiences - contrived experiences - Dramatised Experiences [With explanation]	1 1 1	3
31		<u>Deficiency diseases</u> - Osteoporosis - Osteomalacia - Tetany [with explanation] <u>Functions</u> - Ensures the absorption of vitamin B₁₂ - It activates the action of enzymes	1 1 1 1 1	6

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		- It reduces LDL cholesterol in blood [Any three valid points can be scored]	1	
32		- Dehydration - Use of oils and spices - Use of acids - Use of chemical preservatives - Use of low temperature [Any three points with explanation - Each ^{point} carry two marks]		6
33		<u>Physical Properties</u> - Composition - Structure - Length - Strength - moisture and absorption - Shrinkage - Resiliency - Effect of friction - Effect of heat - Effect of sunlight - Heat conductivity [Any three with explanation]	1 1 1	6

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Chemical Properties

- Action of acids
- Action of alkalis
- Action of bleaches
- Affinity for dyes
- Effect of moth and mildew

[Any three with explanation]