

ANSWER KEY

FIRST YEAR HIGHER SECONDARY EXAMINATION SEPTEMBER 2021
SUBJECT : HOME SCIENCE **SCORE : 60**

Qn. no	Sub Qns	Answer Key/value points	Score	Total score
1.		Value	1	1
2.		Family and Community resource Management	1	1
3.		Identity formation	1	1
4.		Time Plan	1	1
5.		Mental age	1	1
6		Anorexia Nervosa	1	1
7.		Polio	1	1
8.		Gout	1	1
9.		DOTS	1	1
10		Human Resource	1	1
11		BMI	1	1
12		Montessori School	1	1
13.		Social Help Skill	1	1
14.		1. Breast milk provides anti-viral agents, anti-bacterial agents and infection inhibitors 2. Breast milk provides protection against the development of cardiovascular disease. (Any other valid points can be scored)	1 1	2
15.		1. Formal balance 2. Informal balance (Explanation in a sentence for each point)	1 1	2
16.		Values/standards/Goals (Any two points with explanation)	1+1	2
17.		1. Arrange work centres in a sequential order 2. Make all work centres easy to clean and	1	2

		maintain (Any other two valid points can be scored)	1	
18.		Harmony of line/colour/shape/size/texture/idea (any two points)	1+1	2
19.		1. Give manufacturers the license to use the standard mark ISI 2. Licenses are granted after ensuring the capability of manufacturer in producing the product as per the requirements of BIS	1 1	2
20		1. When there is crisis in the child's life 2. When family environment is disturbed (Any other two valid points can be scored)	1 1	2
21.		Restriction in calorie intake/regular exercising/reduction in sedentary activity/behavioural therapy (Any two points with explanation)	1 1	2
22.		Poverty/relatively large family size/illiteracy and ignorance of parents/orphaned, abandoned and rejected children/failure to enforce existing laws (Any two points with explanation)	1 1	2
23.		1. Laying the foundation for a healthy, productive and satisfying life in the future 2. Preparing the child for entry into and success in primary school 3. Providing support services to women and girls (Any two)	1 1	2
24.		Formation of childhood gangs/oversensitivity/suggestibility/competition/responsibility/social insight/sex antagonism (Any two points with explanation)	1 1	2
25.		Resources are useful/limited/inter-related/have alternate uses/can be substituted (Any two points with explanation)	1 1	2
26.		Achieve goals/utilize our resources properly/make our life systematic/avoid wastage of resources/increase efficiency/achieve a better standard of life (Any two)	1 1	2
27.		Self help skills/social help skills/school skills/play skills (Any two with explanation)	1+1	2
28.		Physiological fatigue:-having short periods of rest in	1	2

		between heavy activities Psychological fatigue:- making the work interesting (any other valid points can be scored)	1									
29.		Physical factors/social factors/academic factor/family (any two with explanation)	1 1	2								
30		1. Loss of productivity 2. Ill health 3. Financial worries (Any other three valid points can be scored)	1 1 1	3								
31		1. Hue 2. Value 3. Intensity/chroma (With explanation)	1 1 1	3								
32.		1. Helps to develop the ability to decide and choose things intelligently 2. Helps to be alert well informed and vigilant against corrupt practices in the market 3. Helps to take suitable action when faced with a problem (Any other valid points can be scored)	1 1 1	3								
33.		1. Period of ovum 2. Period of embryo 3. Period of foetus (With explanation for each stage)	1 1 1	3								
34.		1. Choosing a career 2. Choosing a life partner 3. Maintaining a family (With explanation)	1 1 1	3								
35		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Growth</th> <th style="width: 50%;">Development</th> </tr> </thead> <tbody> <tr> <td>Refers to increase in size, height, weight etc.</td> <td>Refers to improvement in the functioning of the body</td> </tr> <tr> <td>Easily measured and observed</td> <td>Cannot be measured easily</td> </tr> <tr> <td>Quantitative change</td> <td>Quantitative and qualitative change</td> </tr> </tbody> </table> (any other valid points can be scored)	Growth	Development	Refers to increase in size, height, weight etc.	Refers to improvement in the functioning of the body	Easily measured and observed	Cannot be measured easily	Quantitative change	Quantitative and qualitative change	1 1 1	3
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36.		1. Structured environment 2. Individual activity	1 1	3								

		3. Sensory learning (With explanation)	1	
37.		When two primary colours are mixed in equal proportions, a binary or secondary colour results. Red+ yellow = orange Yellow + blue = green Blue + red = violet (written in a sentence can also be scored)	1 ½ ½ ½ ½	3
38.		1. Intentional adulterants 2. Incidental adulterants 3. Metallic contamination (with explanation)	1 1 1	3
39.		1. Hyperactive 2. Lack of self control 3. Indulge in anti-social activities (any other valid points can also be scored)	1 1 1	3
40		Symptoms 1. Stomach upsets 2. Jaundice (Any other valid points can be scored) Preventive measures 1. Vaccinate with three doses of Hepatitis B vaccine during the first year of life	1+1 1	3
41.		1. Play leads to happiness 2. Play helps to prevent boredom 3. Play helps to reduce stress 4. Play helps to divert aggressive instincts (Any three points with explanation)	1 1 1	3
42.		1. Self concept 2. Sense of identity 3. Self esteem (with explanation)	1 1 1	3
43.		1. Sickle cell anaemia 2. Haemophilia (Explanation in a sentence for each disease condition)	11/2 11/2	3
44.		1. Vaccines promotes health 2. Immunizations have an extensive reach 3. Immunizations have rapid impact 4. Vaccines saves lives and costs (Any three points)	1 1 1	3
45.		1. Structural design	1	

		<ul style="list-style-type: none"> 2. Decorative design 3. Naturalistic design 4. Geometric design (Any three with explanation)	1 1	3
46.		<ul style="list-style-type: none"> 1. Change in hand and body motion 2. Change in work, storage space and equipment 3. Change in the end product (With explanation)	1 1 1	3
47.		Variation in prices/Defective weights and measures/Hoarding of commodities/Substandard quality/Inadequate/ misleading labelling/Customer persuasion by shopkeepers/False advertisements/Delayed and inadequate consumer services/adulteration (Any six points with explanation)	1 1 1 1 1	6
48.		<ul style="list-style-type: none"> 1. Testing blood for HIV before blood transfusion 2. Ensuring the use of disposable needles 3. Sterile instruments in hospitals, laboratories, clinics etc. 4. Control of drug abuse and sharing of needles 5. Advocating safe sex and use of condom etc. 6. Awareness programme 7. Community based intervention among risky populations (any six points)	1 1 1 1 1 1	6
49.		Economic security/increase in income/restriction on unnecessary expenses/habit of meagre spending/minimising disparity in income and expenditure/fulfilling future needs/helping in implementation of national goals (Any six with explanation)	1 1 1 1 1	6
50		Any functional definition of design can be scored Principles- 1.Scale and proportion 2.Balance 3.Emphasis 4.Rhythm 5.Harmony (With explanation)	1 1 1 1 1	6

TEACHERS LIST- HOME SCIENCE

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