Kerala Board

Answer Key

2024

aglasem.com

ANSWER KEY

1/10

II nd ..... YEAR HIGHER SECONDARY EXAMINATION ...March.... 2024

PART-I/II/III

SUBJECT: ...HOME....SCIENCE.....

CODE NO: SY 528 VERSION:...P....

60 SCORES ...2... HOURS

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
1.		Food preservation	1	1
2.		Reference man	1	1
3.		- Plain weave - Twill weave - Satin weave [Any one from the above]	1	1
4		Needle felt	1	1
5.		Aesthetic finishes	1	1
6.		Block printing	1	1
7.		Human relations, Empathy, Dialogue, Persuasion, Information, Influencing, Understanding, Discouraging misinformation, Suggestions and complaints, Free exchange, Better relations, Fostering attitude. [Any one from the above]	1	1

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
8.		- Direct printing - Resist printing - Discharge printing - Mordant printing - Transfer printing. [Any two from the above]	1 1	2
9.		Monofilaments and Multifilaments	1+1	2
10.		- Improves the taste and quality - Destruction of micro organisms	1 1	2
11.		Carbohydrate - Marasmus Iron - Anaemia Vitamin C - Infantile scurvy Water - Oedema	½ ½ ½ ½	2
12.		- The simplest method. - Does not require special skill and equipment. - Soluble starches can be removed and rice grains are separated	1 1 1	3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		- Proteins gets denatured, starch gets gelatinized and collagen gets hydrolysed. - Uniform cooking can be done [Any three valid points can be scored]		
13.		1. Age 2. Sex 3. Body size and frame 4. Physiological status 5. Type of work. [Any one valid point ~~under~~ above each can be scored]	½+½ ½+½ ½+½	3
14.		- Temperature below 100°c [Pasteurization] - Temperature of boiling water 100°c [Boiling] - Temperature above 100°c [canning] [Any one valid point under each can be scored]	½+½ ½+½ ½+½	3
15		- Single yarn - Ply yarn - Cord yarn [Any one valid point ~~under~~ above each can be scored]	½+½ ½+½ ½+½	3

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
	16.	- Solution dyeing - Stock dyeing - Yarn dyeing - Fabric dyeing - Product dyeing [Any one valid point ~~under~~ above each can be scored]	½+½ ½+½ ½+½	3
	17.	- Material - Increase production, income - Educational - change the outlook of people or transform the individuals. - Social and cultural - development of the community	1 1 1	3
18		- Night blindness - Bitots spots - Phrynoderma [Any two from the above with explanation]	1+1 1+1	4

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
19		Acute diarrhoea - Caused by eating unhygienic, infected and stale food. Its duration lasts for 1-3 days. It is characterized by loose, watery stools, abdominal pain, fever and vomiting.	1+1	4
		Chronic diarrhoea - Lasts for a much longer period. Caused by the intake of some irritant or stale food. Water electrolyte balance is disturbed.	1+1	
		[Any two points from each can be scored]		
20.		① Improper handling ② Improper storage ③ Inadequate preparation and cooking. ④ Careless packaging	½ + ½	

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		- Invasion of harmful micro-organisms	½+½	4
		- Spoilage by enzymes	½+½	
		- Spoilage by insects, parasites and rodents.	½+½	
		[Any four points from the above with explanation]		
21.		- Warp or end	½+½	4
		- Bias	½+½	
		- Fabric count	½+½	
		- Balance	½+½	
		- Selvedge		
		- Grain line		
		[Any four points with explanation]		
22.		Bleaching - It is the chemical treatment given to fabric, yarn or fibre to improve whiteness. Suitable bleaching		

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		agents are used to remove the colour and impurities. It helps in easy dyeing and printing.	1+1	4
		Mercerization - To make cotton fabric more attractive mercerization is done. This makes the fabric strong and durable. Absorbency increases.	1+1	
		[Any two valid points can be scored] [above ~~under~~ each]		
23.		- Co-ordination - Smooth working - Effective decision making - Managerial efficiency - Co-operation - Effective leadership - Job satisfaction - Increase productivity - Morale building - Achieve managerial roles.	½+½ ½+½ ½+½ ½+½	4
		[Any four points from the above with explanation can be scored]		

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
24.		- One gram of fat supplies 9.3 kcals.	1	6
		- Fats are the carriers of fat soluble vitamins.	1	
		- Fats have protein sparing action.	1	
		- Fats contain essential fatty acids which help to form components of cell membranes and tissues.	1	
		- Adipose tissue where fat is stored serves as an insulation material.	1	
		- Adipose tissue protects the vital organs.	1	
		- In the growing stage fat promotes growth.		
		- It helps proper sexual maturity.		
		- Fats are slow in digestion		
		- Fats retards digestion.		

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		- Fats provide flavour and palatability to food. - Food prepared in fat enhances satiety. [Any six points from the above can be scored]		
25.		- Composition - Structure - Length - Strength - Moisture and absorption - Shrinkage - Resiliency - Effect of friction - Effect of heat - Effect of sunlight - Heat conductivity. [Any six points from the above with explanation can be scored]	½+½ ½+½ ½+½ ½+½ ½+½ ½+½	6

10/10

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
26.				

Formal Education	Extension Education	
- The teacher starts with theory and works up to practicals.	- The teacher starts with practicals and may take up theory later on.	½+½
- Authority rests with the teacher	- Authority rests with the people.	½+½
- Class attendance is compulsory	- Participation is voluntary.	½+½
- Teaching is mainly vertical	- Teaching is mainly horizontal	½+½
- It is rigid	- It is flexible	½+½
- The teacher has more or less a homogeneous audience.	- The teacher has a large and heterogeneous audience.	½+½

[Any other valid points can also be scored]

6

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total Score
		1. JAYAPRIYA. R (450192) HSST Home Science Govt. Tamil HSS, Chalai, Trivandrum. 9446051874		
		2. ANJANA. V (156336) HSST Home Science NSBHSS, Mannar, Alappuzha 9497330203		
		3. LITTY M GEORGE (234315) HSST HOME SCIENCE SVHSS, PALEMAD MALAPPURAM 9946916361		

QUESTION PAPERS

GET PREVIOUS YEAR QUESTION PAPERS FOR ALL CLASSES FOR CBSE, ISCSE, ISC AND ALL ALL STATE BOARDS HERE AT AGLASEM.COM

BOARD WISE

- Andhra Pradesh Board Question Papers
- Assam Board Question Papers
- Bihar Board Question Papers
- Chhattisgarh Board Question Papers
- Goa Board Question Papers
- Gujarat Board Question Papers
- Haryana Board Question Papers
- Himachal Pradesh Board Question Papers
- J&K State Board Question Papers
- Jharkhand Board Question Papers
- Karnataka Board Question Papers
- Kerala Board Question Papers
- Madhya Pradesh Board Question Papers
- Maharashtra State Board Question Papers
- Manipur Board Question Papers
- Meghalaya Board Question Papers
- Mizoram Board Question Papers
- Nagaland Board Question Papers
- Orissa Board Question Papers
- Punjab Board Question Papers
- Rajasthan Board Question Papers
- Tamil Nadu Board Question Papers
- Telangana State Board Question Papers
- Tripura Board Question Papers
- Uttarakhand Board Question Papers
- Uttar Pradesh (UP) Board Question Papers
- West Bengal (WB) Board Question Papers