## HS/XII/A.Sc/HSc/20

## 2020

## HOME SCIENCE

Full Marks: 70

Time: 3 hours

The figures in the margin indicate full marks for the questions

## General Instructions:

- (i) Write all the answers in the Answer Script.
- (ii) Attempt Part—A (Objective Questions) serially.
- (iii) Attempt all parts of a question together at one place.

( PART : A—OBJECTIVE ) ( Marks : 30 )

**A.** Select and write the correct answer:

- $1 \times 6 = 6$
- 1. FPO mark can be seen on the products like
  - (a) jam and jellies
  - (b) canned foods
  - (c) electrical appliances
  - (d) Both (a) and (b)

2.	The Integrated Child Development Services (ICDS) was started in the year				
	(a) 1968				
	(b) 1975				
	(c) 1978				
	(d) 1998				
3.	Wool that can be sheared from the living animal is called				
	(a) fleece wool				
	(b) pulled wool				
	(c) carpet wool				
	(d) medium wool				
4.	An oxidative bleach that can be applied to all fabrics by varying its concentration is				
	(a) sodium perborate				
	(b) hydrogen peroxide				
	(c) sodium hyposulphite				
	(d) None of the above				
5.	Vitamin K is known as				
	(a) anti-hemorrhagic vitamin				
	(b) anti-sterility vitamin				
	(c) anti-rachitic vitamin				

(d) dehydrocholesterol

	6.	A mineral required for the proper functioning of the thyroid gland is							
		(a) iodine							
		(b) iron							
		(c) molybdenum							
		(d) fluoride							
В.	Fill	in the blanks: 1×6=6							
	1.	World Consumer Rights Day is celebrated on							
	2.	is a voluntary organisation of local women.							
	3.	Man-made fibres are in nature.							
	4.	is an acidic bleach used to remove rust and ink stains.							
	5.	Vitamin C is known as							
	6.	is a method where the food is cooked by hot air in closed chamber.							
c.	Write whether the following statements are <i>True False</i> :								
	1.	Right to Safety indicates the right to fair settlement and compensation for quality goods and services.							
	2.	The most important constituent of wool fibre is a protein known as keratin.							
	3.	The daily calorie requirement for an adolescent girl (16–18 years) is 2060 kcal.							

D.	<b>D.</b> Match Column—A with Column—B:			1×3=3			
		Column—A		Column—B			
	1.	Adult Education Programme	(a)	Retinol			
	2.	Silk	(b)	1978			
	3.	Vitamin A	(c)	Fibroin			
			(d)	1954			
E.		ite on the following in not m ch :	ore t	chan 5 sentences 2×6=12			
	1.	AGMARK					
	<ul><li>2. Two major problems faced by consumers</li><li>3. Difference between non-thermoplastic and thermoplastic fibres</li></ul>						
	4.	Yarn					
	5.	Sources of carbohydrates					
	6. Benefits of cooking food in a pressure cooker						
		( Part : B—descr	RIPTIV	⁄Е )			
		( <i>Marks</i> : 40	)				
<b>F.</b> Answer any <i>one</i> of the following:							
	1.	Define community development philosophy of community dev					

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	2.	(a) Explain with suitable examples the three conditions under which the food is considered adulterated. 3×2=	6					
		(b) Explain the following: 3+3= (i) TRYSEM (ii) Youth club	6					
G.	An	swer any $two$ of the following: $7 \times 2 = 1$	4					
	1.	Write the physical and chemical properties of silk fibre. $3\frac{1}{2}+3\frac{1}{2}=7$						
	2.	Write the classification of bleaches and explain the bleaching agents in detail. 2+5=7						
	3.	Define stain. Classify stain and write down the precautions you will adopt while removing stains from any fabric. 1+(2+4)=						
н.	An	aswer any <i>two</i> of the following: $7 \times 2 = 1$	4					
	1.	Explain the functions of food.	7					
	2.	Define the term malnutrition. Explain various causes of malnutrition in India. 2+5=	7					
	3.	What are the different methods of food preparations?						

Explain.

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