

Total No. of Printed Pages—11

HS/XII/A.Sc/HSc/NC/26

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HOME SCIENCE (New Course)

(Theory)

Full Marks : 70

Time : 3 hours

The figures in the margin indicate full marks for the questions

General Instructions :

- (i) All questions are compulsory.
- (ii) There are total **35** questions.
- (iii) The Question Paper is divided into four Sections—A, B, C and D.
- (iv) Section—A has Questions Nos. **1** to **14** (Multiple Choice Questions) of *1* mark each.
- (v) Section—B has Questions Nos. **15** to **18** (Case-based Questions) of *1* mark each.
- (vi) Section—C has Questions Nos. **19** to **25** of 2 marks each and Questions Nos. **26** to **29** of 3 marks each.
- (vii) Section—D has Questions Nos. **30** to **33** of 4 marks each and Questions Nos. **34** and **35** of 5 marks each.
- (viii) Internal choices are given in some questions.
- (ix) Support your answers with suitable examples wherever required.

(2)

SECTION—A

(Multiple Choice Questions)

Choose the correct answer from the following :

1×14=14

1. Which of the following is the main aim of social entrepreneur?

- (a) Changing the pattern of design of a product/commodity
- (b) Achieving large-scale benefits through entrepreneurship for a specific group
- (c) Attempting new technological methods for producing a commodity
- (d) Attaining full employment and self-reliance for women workers

2. _____ includes foods which are free from fibre and are nutritionally adequate.

- (a) Clear fluid
- (b) Mechanical soft diet
- (c) Clear liquid diet
- (d) None of the above

(3)

3. The term 'hidden hunger' is used to refer to

- (a) iron deficiency
- (b) micro-nutrient deficiency
- (c) zinc deficiency
- (d) macro-nutrient deficiency

4. Deficiency of vitamin A results in

- (a) night blindness
- (b) osteoporosis
- (c) scurvy
- (d) rickets

5. _____ is an outreach programme for early childhood care and development.

- (a) ICDS
- (b) Prophylaxis Programme
- (c) Annapurna Scheme
- (d) Food Security Programme

(4)

6. Pesticides residue is an example of

- (a) biological hazard
- (b) physical hazard
- (c) chemical hazard
- (d) Both (a) and (c)

7. *Salmonella* can be destroyed by

- (a) deep freezing
- (b) refrigeration
- (c) cooling
- (d) heating

8. The World Trade Organization was established in

- (a) 1993
- (b) 1994
- (c) 1995
- (d) 1996

(5)

9. Which is the key sector of ICDS that provides pre-school education in remote areas?

- (a) Anganwadi
- (b) Day care centre
- (c) Training institute
- (d) Creche

10. Which factors have increased the demand of readymade foods in India?

- 1. Deficit in agriculture
- 2. To decrease the nutritive value of diet
- 3. Catering to the needs of working women
- 4. Changes in lifestyle

- (a) 1 and 2
- (b) 2 and 3
- (c) 3 and 4
- (d) 1 and 4

11. Who introduced the foot treadle for the sewing machine?

- (a) Isaac Singer
- (b) Levi Strauss
- (c) Coco Chanel
- (d) King Louis XIV

- 12.** Match the following columns and choose the correct option from the alternatives given below :

Column—A

Column—B

- | | |
|--|----------------------------------|
| A. SOS Children's Villages | 1. National Curriculum Framework |
| B. Guiding principles of early childhood | 2. France |
| C. The fashion centre | 3. 2019 |
| D. Consumer Protection Act | 4. 1964 |

Select the correct answer from the codes given below.

Codes :

- (a) A B C D
 4 1 2 3
- (b) A B C D
 2 3 4 1
- (c) A B C D
 3 4 2 1
- (d) A B C D
 1 3 2 4

- 13.** Ruhi has to buy gold for her daughter's marriage. Which standardized mark should she check on the gold jewellery?

- (a) Woolmark
- (b) AGMARK
- (c) Ecomark
- (d) Hallmark

14. Given below are two statements—Assertion (A) and Reason (R).

Assertion (A) :

Presentation skills are a must to effectively resolve any issue in the Development Communication and Journalism.

Reason (R) :

For this, the person should have knowledge of all the rules and reasons related to the presentation

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct and (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is wrong
- (d) (A) is wrong but (R) is correct

SECTION—B

(Case-based Questions)

Read the passage carefully and answer Question Nos. from **15 to 18** :

Elements of design are the tools of the Art. These are colour, texture, and line, shape or form. Colour is all around us in many forms. The identity of the product is most often distributed to colour. Everyone responds to colour and has definite preferences. Colour reflects the season, events and the spirit of people. The choice is affected by culture, tradition, climate,

season, occasion or purely personal reason. Colour is an important part of Fashion. Designers carefully choose fabric colours to make a definite statement. Colour can be seen in fabrics in various design forms. Some fabrics may have one uniform solid colour, while the colour follows the yarn interlacing in others or may be coloured in other patterns.

Choose the correct answer from the following :

1×4=4

15. Which word can be used for brightness of colour?

- (a) Hue
- (b) Intensity
- (c) Complementary
- (d) Value

16. Yellow-orange, red-orange and yellow-green are the examples of

- (a) intermediate or tertiary colour
- (b) secondary colour
- (c) primary colour
- (d) triadic colour

17. When white colour is added to any colour, it is called as _____ of a colour.

- (a) shade
- (b) tone
- (c) tint
- (d) hue

18. Colours are said to be contrasting if they are

- (a) different in lightness and darkness
- (b) light in value
- (c) dark in value
- (d) bright and intense

SECTION—C

(Short Answer-type Questions)

19. Give two objectives of diet therapy. 2

20. Define the term 'nutrition'. 2

21. Differentiate between food infection and food intoxication. 2

22. A student is curious to learn about the major development in food processing and technology that occurred before the twentieth century.

In this context, name two researchers who made a significant contribution in those times. Also name the process developed by each one of them. 2

(10)

- 23.** Differentiate between Codex and ISO. 2
- 24.** Write any two consumer responsibilities, one before and one after purchasing. 2
- 25.** What do you understand by the term 'food quality'? 2
- 26.** In what four ways can the market be segmented? 3
- 27.** What is a campaign? 3
- 28.** Mention the work operations which are performed by an automatic washing machine. 3
- 29.** List the skills an ECCE worker must have. 3

SECTION—D

(Long Answer-type Questions)

- 30.** What are the characteristics of an entrepreneur? 4
- 31.** How is the laundry in hospitals different from that in hotels? 4
- 32.** What is Self-Employed Women's Association (SEWA)? 4
- 33.** What are the rights of a consumer? 4

(11)

34. Explain the terms :

- | | |
|------------------------|----|
| (a) Food processing | 1 |
| (b) Food manufacturing | 1 |
| (c) Food science | 1½ |
| (d) Food technology | 1½ |

Or

Describe the programmes run for the elderly in India. 5

- 35.** (a) Who is a fashion merchandizer? 1
- (b) What are the different stages of fashion cycle? 4

Or

Roshan's family has reserved a 3-night stay at a resort for their vacation. As a Front Office Manager, list down the actions to be taken during each stage of 'Guest cycle' to ensure good hospitality services for Roshan's family. Which two staff members/personnel would assist the Front Office Manager in this work? 4+1=5
