

Total No. of Printed Pages—7

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

2 0 2 6

HOME SCIENCE (Old Course)

(Theory)

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-type Questions) serially.
- (iii) Attempt all parts of a question together at one place.

(PART : A—OBJECTIVE)

(Marks : 30)

A. Choose and write the correct answer :

1×6=6

1. The right to redressal means the right of a consumer to
 - (a) get a fair settlement and compensation for faulty goods
 - (b) make representation against any malpractice
 - (c) have access to a variety of products
 - (d) be protected against harmful products

(2)

2. AGMARK grading includes

- (a) electrical appliances
- (b) agricultural products
- (c) laboratory equipments
- (d) furnishing

3. Blood stain is an example of

- (a) animal stain
- (b) vegetable stain
- (c) grease stain
- (d) dye stain

4. Fibres which become soft and melt due to application of heat are

- (a) non-thermoplastic fibres
- (b) thermoplastic fibres
- (c) silk fibres
- (d) cotton fibres

(3)

5. Micronutrient deficiencies are referred to as

- (a) goitre
- (b) hidden hunger
- (c) protein energy malnutrition
- (d) anaemia

6. 1 gram of fat yields

- (a) 4 calories of energy
- (b) 6 calories of energy
- (c) 9 calories of energy
- (d) 12 calories of energy

B. Fill in the blanks :

1×6=6

1. _____ aims at providing basic technical and entrepreneurial skills to rural poor in the age group of 18 years to 35 years.

2. Rabi crops are sown in the _____ season.

(4)

3. _____ is the only naturally occurring filament fibre.
4. _____ are easy to remove when fresh.
5. Marasmus and kwashiorkor are caused by _____ deficiency.
6. Moon face is one of the characteristics of _____.

C. Write whether the following statements are *True* or *False* :

1×3=3

1. FPO mark can be seen on the product like electrical appliances.
2. The fibre taken from the slaughtered animal is called pulled wool.
3. 'Protein' comes from the Greek word 'proteo' meaning to take the first place.

(5)

D. Match Column—A with Column—B :

1×3=3

Column—A

Column—B

- | | |
|----------------|-------------------|
| 1. Kharif crop | (a) Ascorbic acid |
| 2. Wool | (b) Summer |
| 3. Vitamin C | (c) Keratin |
| | (d) Winter |

E. Write on the following in not more than 5 sentences each :

2×6=12

1. Two major problems faced by consumers
2. Applied Nutrition Programme (ANP)
3. Fibres based on length
4. Difference between non-thermoplastic and thermoplastic fibres
5. Sources of carbohydrates
6. Benefits of cooking food in a pressure cooker

(6)

(PART : B—DESCRIPTIVE)

(Marks : 40)

F. Answer any *one* of the following : 12

1. Define community development. Enumerate the principles of community development. 2+10=12
2. (a) Write the importance of kitchen gardening. 6
(b) Explain the rights of a consumer. 6
3. Write short notes on the following :
 - (a) ICDS 4
 - (b) Adult education programme 4
 - (c) Compost pit making 4

G. Answer any *two* of the following : 7×2=14

1. Define fibre. Give the microscopic structure and properties of cotton fibre. 2+(3+2)=7
2. What are stains? How do you classify them? Write the precautions to be taken in removing stains. 2+3+2=7
3. What are bleaching agents? Explain the types of bleaching agents with examples. 1+6=7
4. (a) Give the classification of sewing equipments. 4
(b) List two differences between scissors and shears. 3

(7)

5. (a) Give the classification of yarns. 3

(b) Write in detail about simple or ordinary yarns. 4

H. Answer any *two* of the following : $7 \times 2 = 14$

1. Explain the functions of food. 7

2. Define the term 'malnutrition'. Explain various causes of malnutrition in India. $2+5=7$

3. What is a balanced diet? Explain the factors affecting balanced diet. $2+5=7$

4. "Food groups help the meal planner to provide balanced meals to the family." Justify. 7

5. What are the different methods of cooking? Explain. 7
