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HS/XII/A. Sc/HSc/19

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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)

SECTION—I

(Marks : 18)

A. Select and write the correct answer : 1×6=6

1. The National Adult Education Programme (NAEP) was launched in the year

- (a) 1968
- (b) 1978
- (c) 1988
- (d) 1998

(2)

2. The child welfare programmes of rural community are carried out by
- (a) Village Panchayat
 - (b) Cooperative Societies
 - (c) Anganwadis
 - (d) All of the above
3. It is used for bleaching of hair, wool, silk and ivory, etc. It is referred to
- (a) Javelle water
 - (b) sodium perborate
 - (c) hydrogen peroxide
 - (d) potassium permanganate
4. The solvent used in solubility test of cellulose acetate is
- (a) nitric acid
 - (b) glacial acetic acid
 - (c) cuprammonium hydroxide
 - (d) sulphuric acid

(3)

5. The daily requirement of calories for 1–3 year-old-child is
- (a) 1300 kcal
 - (b) 1400 kcal
 - (c) 1500 kcal
 - (d) 1600 kcal
6. This is a condition where there is reduction of the total circulating haemoglobin. It is called
- (a) dermatitis
 - (b) keratomalacia
 - (c) xerophthalmia
 - (d) anaemia

B. Fill in the blanks :

1×6=6

1. _____ movement is aimed at safeguarding and recognizing right of the consumer from all sections of society.
2. _____ aims at providing basic technical and entrepreneurial skills to rural poor in the age group of 18 years to 35 years.

(4)

3. Cotton fabrics which have been made shrink-resistant are termed as _____.
4. The _____ protects the middle finger while hand sewing.
5. Moon face is one of the characteristics of _____.
6. The intake of calories beyond the body's needs leads to _____.

C. Write whether the following statements are True or False : 1×3=3

1. ISI is responsible for quality control and standardization of the product.
2. The loop or curl yarn has open loops at regular interval.
3. A severe deficiency of both calories and proteins results in Kwashiorkor.

(5)

D. Match *Column—A* with *Column—B* : 1×3=3

| <i>Column—A</i> | <i>Column—B</i> |
|-----------------|------------------|
| 1. Kharif crops | (a) Shearing |
| 2. Wool | (b) Summer crops |
| 3. Proteins | (c) Amino acids |
| | (d) Winter crops |

SECTION—II

(Marks : 12)

E. Write on the following in not more than 5 sentences each : 2×6=12

1. Food adulteration
2. Youth clubs
3. Mineral stains
4. Oxidizing bleaches
5. Roasting
6. Iron-rich foods

(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) Discuss the rights of a consumer. 6

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

1. Define fibre. Give the microscopic structure and write the properties of the 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 is spinning? Explain with illustration the process of making yarns from filament fibre. 2+5=7

(7)

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

1. Define food, nutrition and health. What are the foods rich in protein? $1\frac{1}{2}+1\frac{1}{2}+1\frac{1}{2}+2\frac{1}{2}=7$

2. Explain the various methods of food preparation. 7

3. Differentiate between undernutrition and overnutrition. What are the causes of protein-calorie malnutrition? 4+3=7
