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HS/XII/A. Sc/HSc/18

2 0 1 8

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. Community Development is

- (a) a movement designed to promote better living for the whole community
- (b) a balanced programme
- (c) a process of social action
- (d) All of the above

(2)

2. The Fruit Products Order (FPO) was promulgated by the Government of India in

(a) 1946

(b) 1936

(c) 1937

(d) 1947

3. Which fibre is considered as queen of all fabrics?

(a) Wool

(b) Cotton

(c) Polyester

(d) Silk

4. Stains which are acidic in nature and require alkaline stain removers are

(a) animal stains

(b) vegetable stains

(c) grease stains

(d) mineral stains

(3)

5. The most important factors responsible for protein energy malnutrition is/are
- (a) inadequate diet
 - (b) lack of knowledge
 - (c) customs, traditions, beliefs
 - (d) All of the above
6. The 11-food group plan was suggested by the US Department of agriculture in
- (a) 1956
 - (b) 1964
 - (c) 1943
 - (d) 1971

B. Fill in the blanks :

1×6=6

1. The right to _____ refers to the right to be protected against harmful products.
2. UNICEF stands for United Nations International _____ Emergency Fund.
3. _____ can be safely used for whitening of wool and silk.

(4)

4. A ____ yarn is a strand of fibres all twisted in the same direction.
5. Vitamin D deficiency causes the disease ____ in children.
6. ____ process improves the flavour and palatability of food.

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

1. To assist each village in having effective panchayats, cooperatives and schools is one of the objectives of community development.
2. Burning rate, odour and characteristics of ash are examined during burning test of fabrics.
3. Energy giving food includes vitamins, minerals and roughage.

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

- | <i>Column—A</i> | <i>Column—B</i> |
|---------------------|--------------------------|
| 1. Rabi crops | (a) Correct deficiencies |
| 2. Therapeutic diet | (b) Marking hems |
| 3. Meter scales | (c) Summer |
| | (d) Winter |

(5)

SECTION—II

(Marks : 12)

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

1. ICDS
2. Importance of ISI mark
3. Novelty yarn
4. Care of a sewing machine
5. Define food.
6. Importance of pressure cooking

(6)

(PART : B—DESCRIPTIVE)

(Marks : 40)

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

1. (a) Explain the objectives of a community development. 6

(b) With the help of a diagram, explain compost making. 6

2. (a) Enumerate the guiding principles of community development. 6

(b) Explain the following : 3×2=6

TRYSER and Mahila Mandals

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

1. Define fibre. Classify fibres on the basis of length and origin with examples. 1+3+3=7

2. Write the physical and chemical properties of polyester fibre. 3½+3½=7

3. Write the types of bleaching agents. 7

(7)

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

1. Explain the functions of food. 7

2. (a) Write the sources of vitamin A. 2
(b) Write about the five food groups. 5

3. Write short notes on the following :
 - (a) Iodine deficiency 2
 - (b) General principles of food preparation 5
