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(NEP—2020)

(4th Semester)

HOME SCIENCE (MAJOR)

(Household Equipment and Consumer Economics)

Full Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions

(SECTION : A—OBJECTIVE)

(Marks : 10)

Tick (✓) the correct answer in the brackets provided :

1×10=10

1. The live wire carries a high potential of _____ volt.

(a) 110 ()

(b) 210 ()

(c) 220 ()

(d) 230 ()

2. _____ is a semi-conductor.

(a) Silicon ()

(b) Paper ()

(c) Air ()

(d) Leather ()

3. Drying of food results due to

(a) heat ()

(b) moisture ()

(c) dry climate ()

(d) humidity ()

4. In an electric iron heat of the element is transferred by _____ to the sole plate.
- (a) convection () (b) radiation ()
(c) evaporation () (d) conduction ()
5. In pressure cooking a liquid boils under
- (a) high pressure () (b) low pressure ()
(c) high heat () (d) high temperature ()
6. When the gas gives off an amount of heat equal to that which was absorbed, it is called
- (a) evaporation () (b) condensation ()
(c) conduction () (d) boiling ()
7. The price at which the product is sold in the market is the
- (a) maximum retail price ()
(b) minimum retail price ()
(c) market operating price ()
(d) retail price ()
8. The process of classification of product according to quality is called
- (a) branding () (b) packaging ()
(c) labelling () (d) grading ()
9. Information engraved or attached onto the packaging of a product is
- (a) label () (b) packaging ()
(c) advertisement () (d) printed material ()
10. Which of the following helps the consumer in selecting foods and offers him protection with regard to quality?
- (a) The Agmark Standards ()
(b) The ISI Standards ()
(c) The PFA ()
(d) Quality Control ()

(SECTION : B—SHORT ANSWERS)

(Marks : 25)

Answer *five* questions, taking at least *one* from each Unit :

5×5=25

UNIT—I

1. What are the two circuits in a house?
2. How is electricity brought to our homes?

UNIT—II

3. Write the two fundamental laws on which refrigerator works.
4. Classify household equipment.

UNIT—III

5. Mention the importance of consumer economics.
6. What is demand and supply in the market?

UNIT—IV

7. What is the role of consumer redressal forum?
8. Write briefly the rights and responsibilities of the consumer.

(SECTION : C—DESCRIPTIVE)

(Marks : 40)

Answer *four* questions, taking at least *one* from each Unit :

10×4=40

UNIT—I

1. Define the following terms :
 - (a) Earthing
 - (b) Switches
 - (c) Open circuit
 - (d) Closed circuit
 - (e) Ohm's volt

2×5=10

2. Define equipment. What are labour saving devices? How is electricity measured? 2+3+5=10

UNIT—II

3. Write the causes and rectifications when (a) washing machine will not work at all and (b) refrigerator works but main food compartment is not cold enough. 5+5=10
4. What are the factors to be kept in mind while selecting equipments? Write the care of electrical equipments. 6+4=10

UNIT—III

5. Discuss the role of consumer economics in family welfare. 10
6. What are the factors influencing buyer's behaviour? 10

UNIT—IV

7. What are the measures taken for protecting the consumers? 10
8. What is MRTP? What role does it play in protecting the consumer? 3+7=10
