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5 SEM TDC HSCH (CBCS) C 12

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(Nov/Dec)

HOME SCIENCE

(Core)

Paper : C-12

(**Physical Science**)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

1. State whether the following statements are True or False : 1×5=5
- (a) Saccharide is a group that includes sugar, starch and cellulose.
- (b) The first and foremost function of lipid is the supply of energy.
- (c) Essential amino acids can be synthesized by the human body.

(d) Natural dyes are also known as indigenous dyes.

(e) Radiation is not harmful to human.

2. Write short notes on any *five* of the following : 2×5=10

(a) Synthetic dyes

(b) Monosaccharides

(c) Cholesterol

(d) Velocity

(e) Earthing

(f) CFL

3. Write the differences between any *four* of the following : 5×4=20

(a) Guarantee and Warranty

(b) DC and AC

(c) Reflection and Refraction

(d) Task lighting and Accent lighting

(e) X-rays and Ultrasound

(3)

4. What do you understand by carbohydrate?
Write the importance of carbohydrate as
biological fuel. 2+6=8

Or

Define 'dye'. Explain the method of dyeing
with direct dyes. 2+6=8

5. Write about refrigerator. How would you take
care of refrigerator? 5+5=10

Or

Describe an electric iron and explain the
precautions need to be observed in the use of
an electric iron. 5+5=10
