

2021

CLASS – IX (Phase-2)

ELECTRONICS & HARDWARE (Vocational)

Total marks : 25

Time : 1 hour

General instructions :

- i) Approximately 5 minutes is allotted to read the question paper and revise the answers.
- ii) All questions are compulsory except Q. nos.10 to 12 where general option is given.
- iii) The question paper consists of 12 questions.
- iv) Marks allocated to every question are indicated against it.

N.B: Check to ensure that all pages of the question paper are complete as indicated on the top left side.

1. **Choose the correct answer from the given alternatives:** **5x1=5**

- i. What is a short range technology called?
(a) wifi (b) internet
(c) bluetooth (d) modem
- ii. A business where a buyer and seller exchange an item, which can be seen and touched, is called
(a) service business (b) product business
(c) hybrid business (d) micro business
- iii. Which of the following is an example of renewable resource?
(a) coal (b) solar energy
(c) diesel (d) petrol
- iv. All bacterial pathogens are quickly killed above
(a) 60°C (b) 50°C
(c) 40°C (d) 30°C
- v. The first experiment for water filtration began in
(a) 15 century (b) 16 century
(c) 17 century (d) 18 century

Answer the following questions in one word or one sentence:

2. Define entrepreneurship. **1**
3. Write any two R's that can be applied for saving the environment. **1**
4. State the use of chlorine. **1**
5. Name any two diseases caused by water contamination.. **1**

Answer the following questions in 20-50 words:

6. What is water purification? Write any two methods of purification through physical process. **1+1=2**
7. Write the importance of water purification. **2**

8. What is potable water purification device? Name any two techniques of field water disinfection. 1+1=2
9. Suggest any two measures for prevention of water contamination. 2

Answer *any two* from the following questions in 60-100 words:

10. Explain any four common peripheral devices of a computer. 4
11. List any four steps in assembling a water purifier. 4
12. Mention any four water purification techniques. Briefly explain any one of it. 4
