

Model Question

Class XI : Voc (Electronics & HA) : Term I (Half yearly) : 2021-22 : Marks 15

I. Multiple choice type (MCQ) Questions:

1x 6 =6

1. Which of the following components is used to provide resistance?
(a) Heat (b) Energy (c) Product (d) Resistor
2. What is the ohmic value for the colour code of orange, orange, orange?
(a) 22 k Ω (b) 33 k Ω (c) 3300 Ω (d) 44000 Ω
3. Operations of computer arithmetic and logic unit are directed by _____.
(a) ALU itself (b) program (c) control unit (d) memory unit
4. Which of the following method is used to receive information from the sender?
(a) Listening (b) Speaking (c) Telling (d) Writing.
5. Which among the following was found in the first generation of computers?
(a) Vacuum tubes and magnetic drum (b) Integrated circuits
(c) Magnetic tape and transistors (d) All of above
6. Why do we send emails?
(a) To communicate information (b) To share documents and files
(c) To talk to each other (d) Both (a) and (b)

II' Very short answer (VSA) type Questions:

1 x 5 =5

1. Give names of different types of computers.
2. What does the Latin word '*commūnicāre*' mean?
3. How many different methods of communication are there?
4. What is the full form of ALU?
5. In SMART goals, what does 'T' stand for?

II. Short Answer (SA) type Questions:

2 x 2 = 4

1. What is the role of active and passive components in an electric circuit?
2. Draw a labeled diagram of a basic model of a computer system.