Group A (7×1=7)

1. Which of the following have maximum bytes?
   a. Varchar   b. Text type   c. Char   d. Both a and c
2. To which object does the location property belong?
   a. Window   b. Position   c. Element   d. Location
3. What will be the output of the following code?
   ```
   <body onload="javaScript()">
   <script>
   function javaScript()
   {
   document.getElementById("yes").innerHTML=Math.abs(-45.654)
   }
   </script>
   <p id="yes"></p>
   </body>
   ```
   a. – 45.654   b. 45   c. – 45   d. 45.654
4. Which of the following is not a medium of transmission?

   a. Fiber optic cable   b. Free space

   c. Microwave system   d. Wire

5. Three or more devices share a link in

   a. Unipoint   b. Multipoint

   c. point to point   d. Simplex

6. The core of an optic fiber cable is....

   a. Metal   b. Plastic   c. glass   d. both b and c

7. In a communication process, what handles the transmission of the signal?
   a. Channel   b. Receiver   c. Transmitter   d. Destination

Group B (5×5=25)

1. Draw the block diagram of Communication System/Model and explain its units
2. Differentiate between IPv4 and IPv6.
3. Explain Fiber Optic cable along with its disadvantages.
4. Define the concept of an event. Provide an explanation of mouse events and illustrate with a JavaScript code example.
5. Develop a JavaScript program that prompts the user to enter their name and age. After receiving the input, the program should check if the age is greater than or equal to 18. If the age is 18 or older, display a welcome message addressing the user by name and indicating that they are eligible. If the age is less than 18, display a message indicating that the user is underage.

Group C (5+3=8)

1. What is Local Area Network? Compare Local Area Network with MAN and WAN.

℘ All the best ℘