

**jsb**

**Section 1 (5 marks per question)**

Q1. Explain the role of Cloud computing in IoT

<b><i>Component</i></b>	<b><i>Marks</i></b>
concept	1 marks
explanation	1 marks
example	3 marks

Q2. Discuss the challenges faced in IoT programming

<b><i>Component</i></b>	<b><i>Marks</i></b>
concept	1 marks
explanation	1 marks
example	3 marks

Q3. How do programming frameworks address the challenges in IoT?

<b><i>Component</i></b>	<b><i>Marks</i></b>
concept	1 marks
explanation	1 marks
example	3 marks

Q4. Explain the significance of language runtime in IoT applications

<b><i>Component</i></b>	<b><i>Marks</i></b>
concept	1 marks

explanation	1 marks
example	3 marks

Q5. Describe the scope of Cloud computing in IoT

<b>Component</b>	<b>Marks</b>
concept	1 marks
explanation	1 marks
example	3 marks

Q6. Discuss the challenges in managing IoT data

<b>Component</b>	<b>Marks</b>
concept	1 marks
explanation	1 marks
example	3 marks

Q7. Explain the need for edge processing in IoT

<b>Component</b>	<b>Marks</b>
concept	1 marks
explanation	1 marks
example	3 marks

Q8. Describe the importance of sustainability in IoT applications

<b>Component</b>	<b>Marks</b>
concept	1 marks
explanation	1 marks
example	3 marks

Q9. Discuss the role of communication protocols in IoT

<b><i>Component</i></b>	<b><i>Marks</i></b>
concept	1 marks
explanation	1 marks
example	3 marks

Q10. Explain the concept of programmability in IoT

<b><i>Component</i></b>	<b><i>Marks</i></b>
concept	1 marks
explanation	1 marks
example	3 marks