# jsb

## Section 1 (5 marks per question)

Q1. Explain the role of Cloud computing in IoT

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

Q2. Discuss the challenges faced in IoT programming

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

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

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

Q4. Explain the significance of language runtime in IoT applications

| Component | Marks |
|---|---|
| concept | 1 marks |

| | |
|---|---|
| explanation | 1 marks |
| example | 3 marks |

Q5. Describe the scope of Cloud computing in IoT

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

Q6. Discuss the challenges in managing IoT data

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

Q7. Explain the need for edge processing in IoT

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

Q8. Describe the importance of sustainability in IoT applications

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

Q9. Discuss the role of communication protocols in IoT

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |

Q10. Explain the concept of programmability in IoT

| Component | Marks |
|---|---|
| concept | 1 marks |
| explanation | 1 marks |
| example | 3 marks |