**Module 4: IoT Connectivity Technologies:**

**1. Compare and contrast Zigbee and Bluetooth as IoT connectivity technologies.**

**2. What are the features and applications of IEEE 802.15.4 in IoT?**

**3. Explain the importance of NFC in IoT applications.**

**4. Discuss the role of LoRa and NB-IoT in long-range communication.**

**5. What are the characteristics of Sigfox, and how does it compare to Z-Wave?**

**6. Explain how Wi-Fi is utilized in IoT environments.**

**7. Compare DASH7 and WirelessHART in terms of their use cases in IoT.**

**8. What are the challenges associated with IoT connectivity technologies?**

**9. Describe the application of RFID in IoT systems.**

**10. Discuss the role of Thread protocol in enabling IoT connectivity.**