

28/10/24

[Time:3:00 Hrs]

[Marks:80]

- N.B:**
1. Question no.1 is compulsory.
 2. Attempt any three questions from remaining.
 3. Figures to the right indicate full marks.

- Q1 Answer the following questions(any four):
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| a. What are the pros and cons of IOT? | 5m |
| b. Differentiate between Arduino and Raspberry pi. | 5m |
| c. Explain IOT standards in detail. | 5m |
| d. What is Cloud Computing? | 5m |
| e. What is IoT Analytics? | 5m |
- Q2
- | | |
|--|-----|
| a. What are the risks to IIoT systems? | 10m |
| b. Explain most important considerations for IoT solution. | 10m |
- Q3
- | | |
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| a. Explain IOT reference architecture's deployment and operational view. | 10m |
| b. Explain how data analysis and data visualization is handled in IoT? | 10m |
- Q4
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| a. What are the Inputs to the information-driven global commodity chain? | 10m |
| b. What are 7 design principles of IoT? | 10m |
- Q5
- | | |
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| a. What are the four main stages of IoT architecture? | 10m |
| b. Write a brief note on IoT Home Automation Systems. | 10m |
- Q6
- | | |
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| a. List different IoT Wearable Sensors categories with examples. | 10m |
| b. Write a brief note on smart retail management. | 10m |
