

Duration: 3 hrs

[Max Marks: 80]

- N.B. : (1) Question No 1 is Compulsory.
(2) Attempt any three questions out of the remaining five.
(3) All questions carry equal marks.
(4) Assume suitable data, if required and state it clearly.

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| 1 | Attempt any FOUR | [20] |
| a | Compare M2M and IoT | |
| b | State security and privacy concerns in industry 4.0. | |
| c | Elaborate a concept of IIoT | |
| d | What is IoT code generator? | |
| e | Explain LPWAN. | |
| 2 | a Explain CoAP Protocol. | [10] |
| | b Explain IoT architecture | [10] |
| 3 | a Explain Batch Data analysis using Hadoop Map Reduce | [10] |
| | b Write a note on application layer protocols | [10] |
| 4 | a Write a note on Augmented and Virtual reality | [10] |
| | b Write a note on Cyber security in industry 4.0 | [10] |
| 5 | a Write a note on REST architecture. | [10] |
| | b Explain a case study for structural health monitoring in IoT. | [10] |
| 6 | a Write a note on MQTT | [10] |
| | b Explain human interaction in industry 5.0. | [10] |
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