Duration: 3Hrs.   **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.

1   **Attempt any FOUR**   **[20]**
   a   What are the types of E-Commerce models?
   b   List various hardware and software components required for setting up e-business.
   c   List various types of threats to the e-commerce.
   d   Differentiate between knowledge management and information management.
   e   Explain process of Digital Transformation.

2   **a**   Explain role of following in digital business-   **[10]**
        Big Data & Analytics, Mobile, Internet of Things, Social media.
   b   Explain Opportunities and Challenges in Digital Business.   **[10]**

3   **a**   What do you mean by digital business infrastructure? Name the different   **[10]**
        hardware and software that are used in the e-infrastructure.
   b   What is e-transition and how is it related to digital transformation?   **[10]**

4   **a**   Explain Digital Signature and PKI?   **[10]**
   b   Describe how firewalls are used s security control and explain their types.   **[10]**

5   **a**   Short note on Mobile Commerce. Explain its advantages.   **[10]**
   b   What is Information System? Explain its Components?   **[10]**

6   **a**   Discuss various Legal, Ethics and Societal impacts of E-commerce.   **[10]**
   b   Describe e-supply chains with examples.   **[10]**

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