

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 as 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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