



PART – B  
(Answer Any Three. Each question carry 20 marks)

(60 Marks)

**Q.5** Explain OSI model of Networking.

**Q.6** What is Data Mining?

**Q.7** What is SDLC?

**Q.8** Explain System Software & Application Software with examples.

**Q.9** Write brief information of the following: Any Two (2 x 10 = 20 marks)

- a) Cloud Computing.
- b) Artificial Intelligence
- c) Network Topologies
- d) Benefits of E-Commerce.

PART - C [ Compulsory ]

**Q. 10 Read the Case and answer the questions.**

**(20 marks)**

Foundry company of 100cr turnover wants to investigate the possibility and scope of improvement of current IT & ecommerce and also security of data which was last reviewed in year 2010. You as an external consultant prepare a detailed report highlighting the step by step approach in implementing changes.

**Questions (5x4 = 20 marks)**

- a) List all changes which are required.
- b) What systems should be implemented for real-time reporting, Storage of data, Security of information.
- c) List and explain Information systems to be implemented.
- d) Where modern technologies like AI, Cloud computing and IOT will be applied.
- e) Mention about use of Cryptography and cyber security.

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