



PART B — (5 × 16 = 80 marks)

11. (a) Describe the changing manufacturing and management scenario after the development of CIM.

Or

- (b) List the product related activities of a company. Explain them.

12. (a) Explain about Opitz classification and coding system.

Or

- (b) Define Variant CAPP systems. Explain the general procedure for using one of the variant CAPP systems.

13. (a) Mention the technologies available for use in automatic identification systems. Explain them.

Or

- (b) Name the FMS layout configurations. Describe them.

14. (a) What is CIMOSA? Explain about CIMOSA.

Or

- (b) Explain about Network topologies.

15. (a) Explain about MAP/TOP.

Or

- (b) Describe about the following

- (i) Database operators
- (ii) Relational databases.