



PART B — (5 × 16 = 80 marks)

11. (a) Explain the steps involved in project planning. (16)

Or

- (b) A public library is considering the implementation of a computer-based system to help administer book loans at libraries.

(i) Identify the stakeholders. (4)

(ii) What are the objectives of the project? (4)

(iii) How will the success and failure of the project be measured? (8)

12. (a) Explain Cost-benefit analysis and risk analysis for software projects. (16)

Or

- (b) With an example explain how to perform cash flow forecasting. (16)

13. (a) Give the various stages in formulating a network model. (16)

Or

- (b) Differentiate between PERT and CPM and also explain the steps involved in constructing PERT chart. (16)

14. (a) Draw an activity network using activity-on-node for an office automation project. (16)

Or

- (b) What are the typical stages in awarding a contract? Explain in detail. (16)

15. (a) (i) Explain Oldham-Hackman job characteristic model. (8)

(ii) Explain Belbin's work on teams. (8)

Or

- (b) Give an overview on stress, health and safety issues. (16)