

S.No. 8978

P 16 MBA 4 ES 4

(For candidates admitted from 2016–2021 batch)

M.B.A. DEGREE EXAMINATION, NOVEMBER 2023.

Business Administration – Elective

SOFTWARE PROJECT MANAGEMENT

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20)

Answer ALL questions.

1. Give the reason for system analysis and design.
2. What is data dictionary?
3. Mention the importance of hardware selection.
4. List the issues in designing on-line systems.
5. What is normalization in SQL?
6. Why do we do cost-benefit analysis in database design?
7. What are the technologies for software project management?
8. Enlist the technical platforms for software project development.

9. What are the product metrics in software project?
10. State the importance of training in software project management.

PART B — ($5 \times 5 = 25$)

Answer ALL the questions, choosing either (a) or (b)

11. (a) Explain the characteristics and features of structured system analysis.

Or

- (b) State and explain the importance of Entity Life History diagrams.

12. (a) Enumerate the major considerations in software selection and procurement.

Or

- (b) Bring out the data communication requirements in system implementation.

13. (a) Exhibit the design process of forms and reports.

Or

- (b) Illustrate the design and development of database.

14. (a) How do we apply the changing technologies in software project management? Explain.

Or

- (b) What are the techniques of monitoring the software project management? Illustrate.

15. (a) List and explain the elements of software project management.

Or

- (b) What is share development? Explain the issues of share development.

PART C — ($3 \times 10 = 30$)

Answer any THREE questions.

16. Describe the application and limitations of DFD and structure charts in system analysis and design.
17. Discuss the control and security issues in new system implementation with examples.
18. Illustrate the usage of CASE tools and techniques for system analysis and design.
19. Enumerate the choice of methodologies and techniques for software project management.
20. Analyse the manpower planning, quality assurance testing and implementation of software project.