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Total Number of Pages: 02

Course: MBA
Sub_Code: MBPC40104th Semester Regular Examination: 2025-26

SUBJECT: Managing Software Projects

BRANCH(S): GM, MBA

Time: 3 Hours

Max Marks: 100

Q.Code: V316

Answer Q1 (Part-I) which is compulsory, any eight from Part-II, and any two from Part-III.
The figures in the right-hand margin indicate marks.

Part-I

Q1 Answer the following questions:

(2 x 10)

- What is meant by scope definition in software projects?
- Why is quality assurance significant in software projects?
- What is the difference between resource utilization and resource optimization?
- What is covered in Project Closure?
- How is configuration management helpful in software projects?
- Broadly what all things get affected if a project over-runs?
- What is CBA used for?
- What are the major factors considered in Build or Buy decision?
- What is software prototyping?
- State a few common reasons that may lead to failure of software project.

Part-II

Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve)

(6 x 8)

- Explain what is Gantt Chart and its purpose in software project management.
- Explain the important objectives of Project Portfolio Management (PPM).
- How is RAD (Rapid Application Development) approach useful in software projects?
- What are the advantages and disadvantages of Spiral model?
- Differentiate between Rapid Prototyping and Evolutionary Prototyping.
- How is the concept of Benchmarking helpful in software project estimating?
- Explain what is bottom-up estimation.
- How is PERT useful in software projects evaluation and review?
- Explain the essence of Function Point Analysis (FPA).
- Discuss all the aspects considered for identifying the risks in software project development.
- Explain the important aspects to be taken into account in choosing methodologies and technologies.
- Describe what are the major elements in management control for software projects.

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3 Elaborate on Waterfall model in details with appropriate example in the context of software project approach. (16)
- Q4 Explain fully the basis of software estimating and their importance in managing the projects. (16)
- Q5 Explain strategic project management process and stepwise project planning in details along with suitable examples. (16)
- Q6 Prepare and present a schematic proposal for the "On-line booking software project" that would cover all the aspects of Planning and Methodologies of the project. (16)

Registration No.:

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Total Number of Pages: 02

Course: MBA
Sub_Code: MBPC4009/18MBA401E

4th Semester Regular Examination: 2025-26

SUBJECT: Strategic Management Of IT

BRANCH(S): GM, MBA

Time: 3 Hours

Max Marks: 100

Q.Code: V231

Answer Q1 (Part-I) which is compulsory, any eight from Part-II, and any two from Part-III.
The figures in the right-hand margin indicate marks.

Part-I

- Q1 Answer the following questions: (2 x 10)
- What is meant by Top-down approach to planning for IT strategic applications?
 - How is IT strategy significant for success in an organization?
 - What are the key special considerations aspects in IT strategy?
 - Give an example of Value Chain oriented activities specific to service sector like Banking or Healthcare.
 - What is the broad role of IT in building competitiveness of the organisation?
 - What is the basic difference in IT strategy for an E-Commerce business and that for a traditional retail business?
 - How is IT future scenarios an important dimension in IT Strategy?
 - What is the role of IT in Business Process Re-engineering?
 - Why is it necessary to have focus on IT Critical Success Factors?
 - How is Inter-organisational system (IOS) useful in strategic management of IT?

Part-II

- Q2 Only Focused-Short Answer Type Questions- (Answer Any Eight out of Twelve) (6 x 8)
- Explain the fundamental difference between IS strategy and IT strategy, in terms of scope and focus.
 - Explain the implications of emerging new technologies as drivers of transformation in business organizations.
 - What are the basic objectives of Strategic Information Systems (SIS).
 - Elaborate on what all are involved broadly in IT strategic planning.
 - Explain the difference in approach towards strategic IT systems in an existing organization and that for a new organization being setup.
 - Elaborate on Inter Organizational Systems (IOS) from strategic management perspectives.

- g) How is Strategic Grid useful to determine the strategic relevance of IT/IS to the organization? Support with examples.
- h) Explain how has the tourism and hospitality sector benefitted from IT system. Provide examples to explain the advantages.
- i) Explain the implications of the drivers behind transformation in organizational process with relevant examples.
- j) Explain the importance of Chief Technology Officer (CTO) for visionary approach in IT strategy of any business organization.
- k) What is meant by Organizational movements around the Strategic Grid? Elaborate with some examples.
- l) Briefly explain the pros and cons of AI as a key dimension for future success for an organisation.

Part-III

Only Long Answer Type Questions (Answer Any Two out of Four)

- Q3 Explain how IS and IT strategies are aligned with business needs of an organization, spanning from top level Vision to bottom level task and activities. (16)
- Q4 How are AI based apps compelling business organizations to re-orient and transform their visioning of the IT strategies. Explain and support with examples. (16)
- Q5 Write an essay on how Value Chain Analysis provides the crucial foundation for IS/IT strategy to make the organization very competitive and dynamic in business. Provide relevant examples from industry. (16)
- Q6 How can digital technologies be leveraged to transform business processes? Explain in detail citing examples with use of technologies like Cloud Computing, Data Analytics etc. to improve efficiency and create new opportunities. (16)