

SPM: QUESTION BANK

SOFTWARE PROJECT

MANAGEMENT

FALL SEMESTER, YEAR (VIth, 3rd)

FALL SESSION (2022-23)

(SPM)

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Published: March 29, 2023

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Question Bank Part-1 of “SOFTWARE PROJECT MANAGEMENT (KOE-068)”

MARCH 29, 2023

Question Bank Part-1

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Year- 3rd Year, Semester- 6th Sem, Branch- IT, Session- Even Semester (2022-23)

QUESTION BANK PART-1

SPM

SOFTWARE PROJECT MANAGEMENT

By **SHWETA TIWARI**

SOFTWARE PROJECT MANAGEMENT

COVERED ALL UNITS 1-2.

SOFTWARE PROJECT MANAGEMENT

This **(Question Bank Part-1 Easy to Advanced Level (Belong your Syllabus))** only attempts to discover some questions that can be generated in "SOFTWARE PROJECT MANAGEMENT" with all these questions. If you find any errors then please do write to us.

UNIT -1

| PART – A | |
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| Sr. No. | 2 Marks Questions |
| 1 | What is software project Management? (NOV -2009) (JUNE -2014) (JUNE-2017) |
| 2 | Define a project? |
| 3 | Define process. (NOV -2012) |
| 4 | Which factor is decided the success of project (MAY -2012) |
| 5 | Write the elements of product process.(NOV -2010) |
| 6 | What are the characteristics which make software projects different from other projects? |
| 7 | Mention the characteristics of software projects(NOV -2012) (NOV -2013) (Dec – 2014) |
| 8 | Write short notes about contract management? (May – 2013). |
| 9 | What are the activities covered by SPM? (MAY -2009) |
| 10 | What are the different stages in classic project life cycle? (MAY -2010) |
| 11 | What are the activities within stepwise planning? |
| 12 | What are the things contain product description? (NOV -2012) |
| 13 | What is PBS?. Show hierarchical diagram of a sample PBS. (MAY -2012) |
| 14 | Define milestones. |
| 15 | What is PRINCE 2? |
| 16 | List the characteristics of the products? |
| 17 | What are the two different stages of Design? |
| 18 | Write the standards for software process? |
| 19 | List some problems with software projects (May – 2013). |
| 20 | Distinguish between objectives & products(Nov -2013)(JUNE-2014) |

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| 21 | Difference between contract management & technical management(Dec 2014) advantages of contract management |
| 22 | Who are Project Stakeholders? (May-2015) |
| 23 | Mention some of the major activities covered by software project management. (May-2016) |
| 24 | Highlight the levels of decision making and information system. (May-2016) |
| 25 | How to review and publicize a plan? |
| 26 | What are the problems with software project from manager's point of view?(May/Jun2013) |
| 27 | What are the steps involved in step wise planning? |
| 28 | How to identify project infrastructure? |
| 29 | How to manage activity risks? |
| 30 | Define project stakeholders. |
| 31 | Why organize an activity or job as a project? |
| 32 | What are the Technical Project Planning Methodologies Identify different approaches to planning technical projects: |
| 33 | What are the three successive processes that bring a new system?(Nov/Dec2012) |
| 34 | Define Feasibility Study. |
| 35 | What is meant by planning? |
| 36 | What is meant by qualification testing? |
| 37 | Differentiate Objectives Vs products. |
| 38 | What is management? |
| 39 | What are the problems with software project from manager's point of view? |
| 40 | What are the problems with software project from student's point of view? |
| 41 | How to identify project infrastructure? |
| 42 | What is system and subsystem? |
| 43 | What is project execution? |

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| 44 | What is planning? |
| 45 | What do you mean by the characteristics of invisibility, complexity and complexity of Software project management? |
| 46 | What is the difference between Information systems and embedded systems? Information systems:- |
| 47 | What is cost-benefit analysis ?(Nov/Dec 2017) |
| 48 | Outline the need for risk evaluation. (Nov/Dec 2017) |
| 49 | What is Management software ? |
| 50 | What is software ? |
| PART – B | |
| Sr. No. | 16 Marks Questions |
| 1 | Explain the various activities covered by software project management. (8) (May - 2013) , (8) (May - 2012) .(Nov -2012)(8), (8) (Nov – 2013)(Dec-2014) (JUNE-2017) (Nov/Dec 2017) |
| 2 | Give an outline of step wise planning activities for a project with a neat diagram. (16) (May - 2013) .(Nov -2012)(16) (Nov -2011)(16), (16) (Nov – 2013)(JUNE-2014)(Dec-2014) (Nov/Dec 2017) |
| 3 | Describe how cost- benefits evaluation techniques & its methods with examples. (16) (May - 2013) (Nov -2011)(16) (16) (Nov – 2013) (JUNE-2017) |
| 4 | Discuss the cash flows techniques in project development. (8) (May - 2013) (May - 2012) |
| 5 | Identify the data that you would collect to ensure that during execution of project things are going according to plan. (Nov -2011)(8) |
| 6 | Explain the various activities to be performed in “Analyzing the project characteristics” (May - 2012) (JUNE-2017) |
| 7 | Illustrate a few problems associated with software projects. (Nov - 2012) (8) |
| 8 | Explain contract management. (8) (Nov – 2013) |
| 9 | Explain the use of Gantt chart in allocation of resources. (8) (Dec- 2014) |
| 10 | What is risk evaluation? Explain the use of decision trees in risk evaluation. (8) (Dec 2015) |

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| 11 | Discuss the cash flows techniques with different cost- benefit evaluation techniques. (Nov -2012) (16) |
| 12 | Explain portfolio management of software projects. Discuss with examples. (16) (May-2016) |
| 13 | What is Management? Explain in detail, management control |
| 14 | Draw product breakdown structure and product flow diagram for online ticket reservation |

UNIT -2

| PART – A | |
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| Sr. No. | 2 Marks Questions |
| 1 | What is a programme? |
| 2 | What are the types of management in strategic assessment? |
| 3 | How can the cost-benefit analysis be done? |
| 4 | What are the steps in cost-benefit analysis comprises? (NOV -2012) (Nov - 2013) |
| 5 | When is the net present value calculation for a project? (NOV -2012) |
| 6 | What are the types of cost? |
| 7 | What are the categories of benefits? (MAY -2010) |
| 8 | How do you find the present value of future cash flows? (NOV -2012) |
| 9 | What is the significance of project risk matrix give ex(MAY -2012) |
| 10 | What do you mean by cash flow forecasting? (MAY -2009) |
| 11 | How is the money spent through development stages? |
| 12 | What are the ways the income is expected? |

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| 13 | What do you mean by cost-evaluation techniques? |
| 14 | What are the common methods used in cash flow forecasts? |
| 15 | What do you mean by net profit? (NOV -2010) |
| 16 | What do you meant by payback period?(Dec – 2014) |
| 17 | What do you mean by return on investment? (MAY– 2012) |
| 18 | What do you mean by internal rate of return? (NOV – 2011) |
| 19 | What is RISK management? (MAY– 2012) |
| 20 | What do you mean by net present value? |
| 21 | What do you mean by discount rate? |
| 22 | What do you meant by discounted cash flow?(Dec-2014) |
| 23 | What do you mean by the accounting rate of return? |
| 24 | What do you mean by risk evaluation? (NOV -2009) |
| 25 | Differentiate between strategic assessment & Technical assessment (May -2013) |
| 26 | What is the use of decision tree in risk evaluation (May - 2013) |
| 27 | What is the concept of a strategic programme? (Nov -2013) |
| 28 | What is meant by cost flow forecasting? (JUNE-2014) |
| 29 | Give some units for measuring the size of the software.(JUNE-2014) |
| 30 | What are the different categories of project costs? (May 2015) |
| 31 | What is the internal rate of return? (May 2015) |
| 32 | What is cash flow forecasting? (May 2016) |
| 33 | Define risk identification and ranking. (May 2016) |
| 34 | Define project Evaluation. |
| 35 | What is meant by programme? |
| 36 | Define a business cycle programme. |
| 37 | Define Infrastructure programme. |

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| 38 | Define Research and development programme. |
| 39 | Define vision statement. |
| 40 | What is meant by blueprint? |
| 41 | What are things to be considered in the blueprint? |
| 42 | What are the benefits of management? |
| 43 | Define development costs. |
| 44 | Define setup costs. |
| 45 | Define operational costs. |
| 46 | Give the formula of payback period. |
| 47 | Outline the advantages of an agile unified process. |
| 48 | What is the significance of a “project risk matrix” ? give an example (May/Jun2012) |
| 49 | Give the significance of cost benefit analysis.(Nov/Dec2012) |
| 50 | What is rapid application development ? |
| PART – B | |
| Sr. No. | 16 Marks Questions |
| 1 | Explain how project can be evaluated against strategic, technical and economic criteria. (Nov -2011)(8)(JUNE-2014), |
| 2 | Explain in detail about the Amanda’s decision tree.(Refer Class notes) |
| 3 | Explain the “Internal rate of return” method. Also mention its advantages over the NPV method. (8) (May - 2012) |
| 4 | Where are estimates done and explain the problems with over and under estimates. (16) (May 2016) |
| 5 | Explain COCOMO – II model (JUNE-2017) (Nov/Dec 2017) |
| 6 | Explain in brief Agile Methods. |
| 7 | Discuss the spiral software development life cycle model with diagrammatic illustration. What are spiral model strengths ? What are the spiral model deficiencies ? When to use spiral model ? Discuss. (Nov/Dec 2017) |

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| 8 | Explain in detail, the various issues to be addressed in evaluating the risks before deciding to take up a project |
| 9 | Evaluate the risk involved in a project and suggest appropriate strategies for minimizing the potential cost. |
| 10 | Explain in detail, how risks are handled in a project. Give examples. |
| 11 | Explain in detail, the Internal Rate of Return (IRR) method for measuring the profitability of a project. Also mention its advantages over the NPV method. |
| 12 | Explain in detail, how cost-benefit evaluation techniques can be used to choose the best among competing project proposals. |
| 13 | How is the present value of future cash flow found? |
| 14 | Explain in brief about the effort and cost Estimation techniques in project Development. |
| | Write about SCRUM. |