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Question Paper Code: 47071

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2019

Seventh Semester

Computer Science Engineering

14UME701 - PROJECT MANAGEMENT AND FINANCE

(Common to MECH, ECE, EEE, EIE and IT branch)

(Regulation 2014)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

- Andrew has joined as the Project Manager of a project. One of the project documents available to Andrew lists down all the risks in a hierarchical fashion. What is this document called?
 - Risk management plan
 - List of risks.
 - Monte Carlo diagram.
 - Risk breakdown structure.
- If the Earned Value is equal to Actual Cost, it means
 - Project is on budget and on schedule
 - Schedule Variance Index is 1
 - There is no schedule variance
 - There is no cost variance
- Process Analysis is a function of
 - Performance Analysis
 - Quality Metrics
 - Process Improvement Plan
 - Quality Improvement Plan
- A strategy wherein all project stakeholders participate in a multiple-day workshop to achieve consensus on project scope, schedule, resources and budget is:
 - Total Quality Management
 - Stakeholder's Meeting
 - Joint Project Planning
 - Capability Maturity Planning
- The process of Control Procurements falls under which process group
 - Planning
 - Closing
 - Monitoring and Control
 - Executing
- The cost of capital method includes
 - Dividend yield method
 - Earning yield method
 - Dividend yield + growth in dividend method
 - All the above

7. Which is used to evaluate Quality control Outputs?
 - (a) Random Causes
 - (b) Sampling and Probability
 - (c) Control Limits
 - (d) Walk through

8. Which structure shows the reporting relationships and communications channels for a project?
 - (a) Work Breakdown Structure
 - (b) Organizational Breakdown Structure
 - (c) Product Breakdown Structure
 - (d) Responsibility assignment structure

9. The main aim of a project risk management process should be to
 - (a) Identify project risks and then manage them appropriately
 - (b) Identify all project risks and transfer them immediately
 - (c) Identify all the things that are threats or opportunities on a project
 - (d) Satisfy the organization's project management process

10. Payback reciprocal method of ranking investment proposals should be used only when
 - (a) Annual savings are even for the entire period
 - (b) The economics life of the project is at least twice of the payback period
 - (c) both (a) and (b)
 - (d) None of the above

PART - B (5 x 2 = 10 Marks)

11. List some of the key characteristics of project?
12. Define CPM.
13. Limitation of CCS (Critical Chain Scheduling).
14. What is quality management system?
15. Define financial ratio analysis.

PART - C (5 x 16 = 80 Marks)

16. (a) List and explain different types of project based on applications areas with suitable examples . (16)

Or

 (b) Briefly explain about project life cycle with example of any one product. (16)

17. (a) What is project planning? List and explain its steps. (16)

Or

 (b) Explain precedence diagramming method. (16)

18. (a) Describe the multi project scheduling method for a project.. (16)

Or

(b) Draw the layout about critical chain method with clear explanation. (16)

19. (a) Discuss details about the different types of quality management tools. (16)

Or

(b) Explain about project monitoring, evaluation and control process. (16)

20. (a) Briefly explain about the Cash flow analysis and funds flow analysis. (16)

Or

(b) Explain risks and return evaluation in investment. (16)
