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Question Paper Code: 47071

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2017

Seventh Semester

Computer Science Engineering

14UME701 - PROJECT MANAGEMENT AND FINANCE

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

(Regulation 2014)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

- Which of these is not one of the constraints of a project?
(a) Scope (b) Resources (c) Team (d) Budget
- If the Earned Value is equal to Actual Cost, it means
(a) Project is on budget and on schedule (b) Schedule Variance Index is 1
(c) There is no schedule variance (d) There is no cost variance
- Process Analysis is a function of
(a) Performance Analysis (b) Quality Metrics
(c) Process Improvement Plan (d) Quality Improvement Plan
- Risk in capital budgeting implies that the decision maker knows what type of the cash flows
(a) Probability (b) Certainty (c) Variability (d) None of these
- The process of Control Procurements falls under which process group
(a) Planning (b) Closing (c) Monitoring and Control (d) Executing
- The cost of capital method includes
(a) Dividend yield method (b) Earning yield method
(c) Dividend yield + growth in dividend method (d) All the above
- The phases of a project life cycle are
(a) Starting, planning, control and closing
(b) Concept, definition, development, handover and closure
(c) Initiation, definition, planning, monitoring and operations
(d) Concept, definition, implementation and operations
- 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. A key aspect of managing a project involves

- (a) Defining which operational systems to put in place
- (b) Identifying routine tasks
- (c) Ensuring ongoing operations are maintained
- (d) Planning to achieve defined objectives

PART - B (5 x 2 = 10 Marks)

11. What is mean by WBS (Work Breakdown Structure)?

12. Define CPM.

13. Limitation of CCS (Critical Chain Scheduling).

14. What is quality management system?

15. Define ratio analysis.

PART - C (5 x 16 = 80 Marks)

16. (a) Explain characteristics of organization structure with advantages and disadvantages. (16)

Or

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

17. (a) Brief about PERT and CPM. List out some projects done by PERT and CPM. (16)

Or

(b) Explain precedence diagramming method. (16)

18. (a) Explain resource allocation method in project management. (16)

Or

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

19. (a) Explain in details of Quality management at different stages. (16)

Or

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

20. (a) Brief explain about cash flow and funds flow analysis. (16)

Or

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