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Question Paper Code: 57701

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

Seventh Semester

Computer Science Engineering

15UME701 -PROJECT MANAGEMENT AND FINANCE

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

(Regulation 2015)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. In Stage of the project life cycle, project objectives are established, teams are formed, and major responsibilities are assigned. CO1- R
(a) Identifying (b) Defining
(c) Planning (d) Executing
2. In the _____ stage of the project life cycle, project objectives are established, teams are formed, and major responsibilities are assigned. CO1- R
(a) Identifying (b) Defining (c) Planning (d) Executing
3. Developing a technology is an example of ----- CO2- R
(a) Process (b) Project (c) Scope (d) All of the above
4. The performance of a specific task in CPM, is known CO2- R
(a) Dummy (b) Event (c) Activity (d) Contract
5. If resources are not adequate to meet peak demands, the resulting reschedule is termed CO3- R
(a) Resource-constrained scheduling (b) Time-constrained scheduling
(c) Mandatory leveling (d) Project resource adjustment

6. More common problems associated with managing multi project resources include all of the following except CO3- R
- (a) Inefficient resource utilization
- (b) Delays in one project cause delays in other projects
- (c) Reducing "downtime" created by lack of tasks to perform
- (d) Resource bottlenecks
7. _____ is the lowest level of quality development. CO4- R
- (a) Quality Assurance (b) Quality Management
- (c) Inspection (d) Total Quality Management
8. The quality function deployment (QFD) process begins with: CO4- R
- (a) Technical design parameter (b) Customer wants and needs
- (c) Quality control requirements (d) Target component characteristics
9. When the concept of ratio is defined in respected to the items shown in the financial statements, it is termed as CO5- R
- (a) Accounting ratio (b) Financial ratio
- (c) Costing ratio (d) None of the above
10. Which of the following items involves the quantitative aspects of planning? CO5- R
- (a) Budget development (b) Project administration
- (c) Leadership styles (d) Conflict management

PART – B (5 x 2= 10Marks)

11. What is Work Breakdown Structure? CO1- U
12. Write any three network diagram methods? CO2- U
13. What is resource scheduling? CO3- U
14. What are the elements of Quality management? CO4- U
15. What is Net Present Value? List its advantage and disadvantages CO5- U

PART – C (5 x 16= 80Marks)

16. (a) Explain Project Management Life Cycle and the various phases in a Project Life Cycle CO1- U (16)

Or

- (b) Describe the concept of work break down structure in project planning. CO1- U (16)
17. (a) Explain the difference between application of PERT and CPM Techniques under the implementation of project scheduling. CO2-App (16)
- Or
- (b) How the networks help in project uncertainty periods and for managing risk? CO2-App (16)
18. (a) Explain in detail about the types of constraints and kinds of resource constraints. CO3-App (16)
- Or
- (b) What is Critical Chain Project Management? How can you develop Critical chain scheduling methods for implement in the projects? . CO3-App (16)
19. (a) Define the Quality Function Deployment (QFD) and explain the QFD process. CO4- U (16)
- Or
- (b) With a neat sketch explain any one quality management tool and its technique CO4- U (16)
20. (a) Describe the classification of asset accounts found on a company's balance sheet. CO5-Ana (16)
- Or
- (b) Discuss in detail various tools in capital budgeting under the area of financial management CO5-Ana (16)

