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Question Paper Code: 57701

B.E./B.Tech. DEGREE EXAMINATION, MAY 2022

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)

- The project life cycle consists of CO1- R
 - Understanding the scope of the project
 - Objectives of the project
 - Formulation and planning various activities
 - All of the above
- Which of the following is NOT a project management cause of failed projects? CO1- R
 - Shortcuts taken during the project
 - Lack of or imprecise targets
 - Inadequate systems analysis and design tools
 - Budget overruns
- In _____ process, the time of beginning and completion of each event can be defined. CO2- R
 - Loading
 - Scheduling
 - Sequencing
 - Planning
- Which of following schedule determines the start and finish times of next priority job by assigning it to the earliest available time slot. CO2- R
 - Flowshop
 - Backward
 - Forward
 - Job shop
- Process Analysis is a function of CO3- R
 - Performance Analysis
 - Quality Metrics
 - Process Improvement Plan
 - Quality Improvement Plan

6. A planning phase for an engineering component generated 80 engineering drawings. The QA team randomly selected 8 drawings for inspection. This exercise can BEST be described as example of CO3- R
- (a) Inspection (b) Statistical Sampling (c) Flowcharting (d) Control Charting
7. The Quality Management Plan must address CO4- R
- (a) Quality Control for the project
- (b) Quality Assurance for the project
- (c) Continuous Process Improvement for the project
- (d) All of the above
8. A narrative description of the work to be performed as part of a project is CO4- R
- (a) Scope statement (b) Statement of work
- (c) Project definition (d) Project overview
9. Which financial statement is used to show what the firm owns? CO5- R
- (a) Income statement (b) Balance sheet
- (c) Statement of retained earnings (d) Cash flow statement
10. The cash flow statement consists of which of the following sections? CO5- R
- (a) Operating and non-operating (b) Current and non-current
- (c) Operating, investing and financing (d) Trading and financial

PART – B (5 x 2= 10 Marks)

11. Mention the importance of project management. CO1- R
12. List the limitations of CPM/PERT. CO2- R
13. State the advantages of resource allocation method CO3- R
14. Define: “Concept of project quality” CO4- R
15. State the advantages of financial statements. CO5- R

PART – C (5 x 16= 80 Marks)

16. (a) Enlighten the types of project and project organizational structure with suitable example. CO1- U (16)
- Or
- (b) Discuss about project life cycle and work breakdown structure with the help of case study. CO1- U (16)

17. (a) Describe the project network development using Pert and CPM method. CO2- Ana (16)
- Or
- (b) Elucidate the difference between total and free slack. And between ES, EF,LS and LF CO2- Ana (16)
18. (a) Illuminate the resource allocation method and multi project resources scheduling with examples. CO3- App (16)
- Or
- (b) Deliberate on critical chain scheduling method and state its application and limitations. CO3- App (16)
19. (a) Explain the different stages of project management, tools and techniques with suitable example. CO4-U (16)
- Or
- (b) Discuss about project audit process, termination steps and final closure of project with suitable example. CO4-U (16)
20. (a) Explain the types of Financial ratio analysis. CO5-U (16)
- Or
- (b) Briefly explain the purpose and uses of financial accounting system. CO5-U (16)

