Reg. No. :

Question Paper Code: 47701

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

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

PART A - (10 x 1 = 10 Marks)

(Answer all Questions)

1. Milestone charts are developed around   CO1- R

   (a) 1800   (b) 1840   (c) 1900   (d) 1940

2. The process of scoping, planning, staffing, organizing, and controlling   CO1- R
   the development of an acceptable system at a minimum cost within a
   specified time frame is

   (a) Project management   (b) Process management

   (c) Expectations management matrix   (d) Statement of work.

3. Process Analysis is a function of   CO2- R

   (a) Performance Analysis   (b) Quality Metrics

   (c) Process Improvement Plan   (d) Quality Improvement Plan

4. A strategy wherein all project stakeholders participate in a multiple-day   CO2- R
   workshop to achieve consensus on project scope, schedule, resources and
   budget is:

   (a) Total Quality Management   (b) Stakeholder's Meeting

   (c) Joint Project Planning   (d) Capability Maturity Planning

5. The process of Control Procurements falls under which process group   CO3- R

(a) Planning   (b) Closing

(c) Monitoring and Control   (d) Executing

6. In multilevel feedback scheduling algorithm   CO3- R

(a) a process can move to a different classified ready queue

(b) classification of ready queue is permanent

(c) processes are not classified into groups

(d) none of the mentioned

7. The phases of a project life cycle are   CO4- R

(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

8. Which of the following is not a function of project quality management?   CO4- R

(a) Plan Quality Management   (b) Quality Assurance

(c) quantitative measurement   (d) Control Quality

9. Which is the function of financial control?   CO5- R

(a) Audit   (b) Planning for Control

(c) Accounting   (d) All of the above

10. A key aspect of managing a project involves   CO5- R

(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= 10Marks)

11. What is mean by WBS (Work Breakdown Structure)?   CO1- U

12. What is Activity-on-Node (AON)?   CO2- U

13. Define Limitation of CCS (Critical Chain Scheduling).   CO3- U

14. Explain the concept of quality project management?   CO4- U

15. Define ratio analysis.   CO5- U

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PART – C (5 x 16= 80Marks)

16.	(a)	Explain characteristics of organization structure with advantages and disadvantages.	CO1 -App	(16)
		Or		
	(b)	Briefly explain about the project life cycle.	CO1 -U	(16)

17.	(a)	Brief about PERT and CPM. List out some projects done by PERT and CPM.	CO2- U	(16)
		Or		
	(b)	What is project planning? List and explain its steps.	CO2- U	(16)

18.	(a)	Describe the multi project scheduling method for a project.	CO3- U	(16)
		Or		
	(b)	Draw the layout about critical chain method with clear explanation.	CO3- U	(16)

19.	(a)	Explain in details of Quality management at different stages.	CO4 - Ana	(16)
		Or		
	(b)	What are the phases of project audit? Explain in detail.	CO4- U	(16)

20.	(a)	(i) A project requires an initial investment of Rs 5, 00,000/- and is estimated to generate future cash inflow of Rs 62,000, Rs 70,000, Rs 45,000, Rs 72,000, Rs 75,000, Rs 85,000, Rs 90,000, Rs 56,000, Rs 50,000 and Rs 55,000. Compute the Payback period.	CO5- Ana	(8)
		(ii) Discuss about the Average rate of return, and its merits and demerits	CO5- Ana	(8)
		Or		
	(b)	Explain risks and return evaluation in investment.	CO5- U	(16)

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