Total No. of Questions : 8]

SEAT No. : ____

PF-4964

[Total No. of Pages : 2

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T.E. (E & TC/E & C-ACT/VLSI D&T)
PROJECT MANAGEMENT
(2019 Pattern) (Semester - VI) (304193)

Time : 2½ Hours] ***[Max. Marks : 70***

Instructions to the candidates :

1) ***Attempt all the questions out of Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8***
2) ***Neat diagrams must be drawn whenever necessary.***
3) ***Figures to the right side indicate full marks.***
4) ***Assume suitable data if necessary.***

Q1) a) Elaborate three key roles assigned to project leader and explain responsibility for each role. **[9]**

b) Illustrate, various leadership styles for project manager and ways to choose them. **[9]**

OR

Q2) a) Explain management of conflicts in context of conflict resolution modes adapted by project manager? **[9]**

b) Write short note on (any two) : **[9]**

i) Team Management

ii) Diversity Management

iii) Change Management

Q3) a) Explain PERT model with its advantages and disadvantages. Highlight the importance of two measures of variability in PERT analysis. **[9]**

b) For each of the following estimating methods, briefly describe the method, when it is used and the estimate accuracy it provides : **[8]**

i) Expert Opinion

ii) Analogy

iii) Parametric

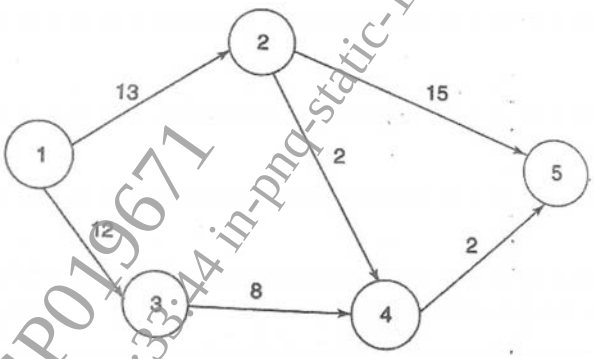
iv) Cost Engineering

OR

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Q4) a) Calculate the earliest occurrence time and latest occurrence time for each event in the project network given below : **[8]**



b) What are critical and slack paths in a project network? What do they signify? Explain with suitable examples. **[9]**

Q5) a) Identify the two principal project financing structures and explain in detail. **[8]**

b) Write five steps involved in effective risk management process and explain in detail. **[9]**

OR

Q6) a) Examine the response options for positive risks (opportunities) and negative risks. **[9]**

b) What do you understand by risk analysis? How is it performed on cost, schedule and technical evaluation? **[8]**

Q7) a) Explain in depth the legal issues related to product development and Entrepreneurship with suitable examples. **[9]**

b) What do you understand by product significations? Correlate in context of market, customer, Innovation, Strategy, society & future proofing. **[9]**

OR

Q8) a) What is the role of robust design? Highlight the key principles and strategies involved in robust design. **[9]**

b) What is Licensing? Illustrate with examples in context of technology, brand, content and franchise. What are its benefits for IP owners and Licensees? **[9]**

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