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Question Paper Code: 57701

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Seventh Semester

Mechanical Engineering

15UME701 – PROJECT MANAGEMENT AND FINANCE

(Regulation 2015)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. A project is always CO1- R
(a) Customers specific (b) Company specific
(c) Money specific (d) Materials specific
2. Reassigning of staff takes places in CO1- U
(a) Defining (b) Planning (c) Executing (d) Delivering
3. The constraint is _____ by providing additional capacity. CO2-R
(a) Elevated (b) Project performance (c) Resource (d) None of the above
4. A _____ is a procedure based upon a simple rule. CO2- R
(a) Heuristic (b) Least slack (c) Shortest task time (d) Most resource
5. Parkinson's Law states that the work expands to fit the allotted CO3- U
(a) Cost (b) Time (c) Resources (d) Activity
6. A horizontal bar chart that shows project tasks against a calendar is called CO3- R
(a) Milestone (b) Goal (c) Gantt chart (d) PERT chart
7. Project quality means quality of the project end-items CO4- U
(a) Deliverable (b) Product (c) Deliverable and product (d) Safety
8. The control and _____ are part of every project manager's job CO4- R
(a) Elevate (b) Schedule (c) Cost (d) Scope

9. A Project costs Rs.3,00,000 and yields an annual cash flow of Rs.50,000/- for 8 years. Calculate its pay-back period. CO5- U
- (a) 4 Years (b) 5 Years (c) 6 Years (d) 7 Years
10. Any written evidence in support of a business transaction is called CO5- U
- (a) Journal (b) Ledger (c) Ledger posting (d) Voucher

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Briefly explain types of project organizational structure. CO1- Ana (8)
12. Briefly explain about the Precedence Diagramming Method. CO2- U (8)
13. Explain in detail about the resource allocation method based on Theory of Constraints. CO3- U (8)
14. Briefly define the purpose of quality function deployment (QFD) CO4- U (8)
15. Explain the types of financial ratios in detail. CO5- U (8)