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**Question Paper Code: 56102**

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

Sixth Semester

Civil Engineering

15UCE602-CONSTRUCTION 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. The main function of the construction management is CO1-R  
(a) planning                      (b) organising                      (c) directing                      (d) all of these
2. In construction work, the controlling function aims at CO1-R  
(a) keeping a watch over the physical progress of each activity of the work  
(b) controlling the expenditure on each item of work  
(c) controlling the use of machines and materials  
(d) all of the above
3. The difference between the total float and free float is called CO2-R  
(a) duration                      (b) interfering float                      (c) critical activity                      (d) none of these
4. An activity of the project is graphically represented by on the network. CO2-R  
(a) a circle                      (b) a straight line                      (c) an arrow                      (d) none of these
5. The cash required for a project can be found by knowing CO3-R  
(a) cumulative cash outflow                      (b) cumulative cash receipt  
(c) both (a) and (b)                      (d) none of these
6. The hierarchy of engineers in PWD is given by CO3-R  
(a) Chief Engineer, Superintending Engineer, Executive Engineer and Assistant Engineer  
(b) Executive Engineer, Chief Engineer, Superintending Engineer, and Assistant Engineer  
(c) Executive Engineer, Chief Engineer, Assistant Engineer and Superintending Engineer  
(d) Assistant Engineer, Executive Engineer, Chief Engineer, and Superintending Engineer

7. \_\_\_\_\_ describes all the person within the quality programme, their responsibility, authority and inter relationship relative to quality control tasks is proposed CO4-R
- (a) Linear responsibility chart (b) bar chart  
(c) Gantt chart (d) Resource loading chart
8. The major quality control method(s) commonly used on construction project is/are CO4-R
- (a) inspection (b)testing (c)sampling (d) all of these
9. In order to judge the managerial capability of the promoters, the financial institutions examine the following(s) CO5-R
- (a)Resourcefulness (b)understanding (c)commitment (d) all of these
10. \_\_\_\_\_ shows the financial condition of a business at a given point of time. CO5-R
- (a) Capital sheet (b) Balance sheet (c) Production sheet (d) None of these

PART – B (3 x 8= 24 Marks)

**(Answer any three of the following questions)**

11. Explain the basic concepts in the development of construction planning CO1- App (8)
12. What is critical path method? Discuss their usages and advantages in construction with an example. CO2-App (8)
13. Discuss the concept application and methods of project budget forecasting CO3-Ana (8)
14. Write a detailed note on quality and safety concern in construction and discuss the factors affecting it. CO4-U (8)
- 15 Enlist the advantages and disadvantages of equity capital. CO5-U (8)

