

**6<sup>TH</sup> SEM./CIVIL ENGG.//2022(S)**  
**TH -2      Construction Management**

Full Marks: 80

Time- 3 Hrs

Answer any five Questions including Q No.1& 2  
Figures in the right hand margin indicates marks

1. Answer **All** questions 2 x 10
  - a. What is muster roll?
  - b. Define owning and operating cost.
  - c. What is equipment schedule?
  - d. What do you mean by invoice?
  - e. State the objective of preparing job layout.
  - f. What is line and staff organisation?
  - g. What is meant by “Dummy Activity”.
  - h. What do you mean by workmen’s compensation act?
  - i. What are the objectives of quality control in a construction project?
  - j. What do you mean by non destructive method of quality control?
2. Answer **Any Six** Questions 5 x 6
  - a. State the difference between CPM and PERT.
  - b. State the factors to be considered while selecting equipment.
  - c. What is construction management? State the objectives of construction management.
  - d. Write down the advantages and disadvantages of line organization.
  - e. What are the causes of conflicts?
  - f. What are the limitations of bar chart?
  - g. Describe briefly the features of network planning.
3. Describe the steps for inspection and testing of construction equipments. 10
4. Explain about the importance of owning and operating costs in making decisions for hiring and purchase of equipments. 10
5. Explain the causes of accident on a construction site. Describe the safety measures required in excavation and demolition work. 10
6. (a) Define motivation and mention different types of motivation. 5  
(b) Describe methods of recording progress of work. 5
7. Describe the various stages of planning for construction. 10