

Q.P. Code : 31789**(3 Hours)****[Total Marks : 80**

Answer any four questions.

Neat, labeled sketches, legible handwriting & practical examples will be appreciated.

- Q.1 (20)
 a Define: Resource management.
 b Explain cycle time of equipment with a suitable example.
 c Enlist the roles of a material manager.
 d Define Human Resource management.
 e Emphasize the importance of periodic ordering.
- Q.2 (20)
 a Explain the importance of classification and coding of materials. Describe ABC analysis and VED analysis in this regard. 08
 b Which points should be borne in mind while purchasing the materials? 06
 c What care has to be taken while storing & handling construction materials on a site? 06
- Q.3 (20)
 a Write an explanatory note on objectives of Human resource management. 10
 b What are the objectives of Human resource planning? Why has it become the need of the hour? 10
- Q.4 (20)
 a Explain the importance of an effective site layout. Draw a site layout for : 08
 Construction of a bridge. ii. Construction of a dam.
 b Explain the importance of motivation of employees in the overall productivity and efficiency of a construction company. 07
 c Explain the importance of quality inspections on site. 05
- Q.5 (20)
 a Explain what is empowerment of employees. How does it affect the overall productivity and efficiency of a construction company? 10
 b What do you understand by job analysis, description and specification? 10
- Q.6 (20)
 Write short notes on :
 a Just in time concept.
 b Equipment log book.
 c Order point control.
 d Economic order quantity