

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain the construction of bar chart. Write its limitations.
- Q.24 Why CPM method of scheduling is preferred for bar chart. What are limitation of bar chart.
- Q.25 Explain in details safety measures for
- a) Ex-cavation work
 - b) Form work

No. of Printed Pages : 4

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Roll No.

5th Semester/Civil Subject : Construction Management

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 A Milestone chart
- a) Shows the interdependencies of various jobs
 - b) Depicts the delay of jobs, if any
 - c) Points outgoing ahead of schedule of jobs, if any
 - d) None of these
- Q.2 Completion of an activity on CPM network diagram, is generally known
- a) Event
 - b) Node
 - c) Connector
 - d) All the above
- Q.3 A dummy activity
- a) Is artificially introduce
 - b) Is represented by a dotted line
 - c) Does not consumer time
 - d) All the above

- Q.4 Time and progress chart of construction, is also known as
- Bar chart
 - Gantt chart
 - Modified mile stone chart
 - Critical path method chart
 - All the above
- Q.5 Henry gantt developed bar charts for planning and scheduling of projects in
- 1900
 - 1910
 - 1925
 - 1930
- Q.6 The most popular type of organisation used for civil engineering constructions, is
- Line organisation
 - Line and staff organisation
 - Functional organisation
 - Effective organisation

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 Design is a function of construction management.
- Q.8 The contractor is the client of engineer.
- Q.9 Bar charts are also known as milestone charts.
- Q.10 Lead and lift does not affect the efficiency of project.

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- Q.11 Indian Trade Union Act was passed in the year 1926.
- Q.12 Hot bitumen work can even be continued in stormy weather.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 What do you understand by 'Job Layout'?
- Q.14 Define the term accident? Give four example of accident in construction industry.
- Q.15 Describe the classification of schedule? Define construction schedule.
- Q.16 Write the Principle of storing and stocking Material at site?
- Q.17 Enlist any five function of an architect.
- Q.18 Describe the relation ship between owner & Engineer.
- Q.19 What is special repair contract.
- Q.20 Prepare bar chart for the construction of a wall.
- Q.21 Differentiate between free float and independent float.
- Q.22 What is cost optimization?

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