

- Q.27 List items of work prone to severe accidents.
 - Q.28 Write short note on “Safety campaign and safety devices”.
 - Q.29 Describe various factors which affect job layout of construction site.
 - Q.30 Explain the factors which influence the provision of temporary service at site.
 - Q.31 Differentiate between Direct cost and Indirect cost.
 - Q.32 Explain various precautions required to be adopted for demolition work.
 - Q.33 Explain various purposes for preparation at Labour schedule.
 - Q.34 Describe the importance of site Engineer in an organization.
 - Q.35 List the important Trade unions and briefly state their purpose.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Describe various safety measures required in excavation to avoid accidents.

Q.37 Describe the importance of site planning and construction management.

Q.38 Explain five major provisions of Minimum Wages Act, 1948.

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Time : 3Hrs. M.M. : 100

M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Q.1 Which one of the following represents an activity

 - Excavation for foundation
 - Curing of concrete
 - Setting of question paper
 - All the above

Q.2 The performance of specific task in CPM is known

 - Dummy
 - Event
 - Activity
 - Contract

Q.3 Various activities of a project, are shown on bar charts by

 - Vertical Lines
 - Horizontal Lines
 - Dots
 - Crosses

Q.4 The difference between the time avail-to do a job and the time required to do the job, is known as

 - Event
 - Float
 - Duration
 - Constraint

- Q.5 The estimated time required to perform an activity, is known as
a) Event b) Dummy
c) Duration d) Float

Q.6 Which one of the following represents an event?
a) Concrete cured b) Fixing of door
c) Plastering of walls d) Selecting sites

Q.7 A construction schedule is prepared after collecting
a) Number of operations
b) Output of labour
c) Output of machinery
d) All of above

Q.8 The first stage of a construction is
a) Preparation of estimate
b) Survey of the site
c) Initiation of proposal
d) Preparation of tender

Q.9 The main principle of an organization is
a) Unity of command
b) Effective control at all levels
c) Delegation of authority
d) All the above

Q.10 An event is indicated on the network by a number enclosed in
a) A circle b) A square
c) A triangle d) All the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Contractor.
 - Q.12 Enforcement.
 - Q.13 Critical activity.
 - Q.14 Time rate system.
 - Q.15 Excavation.
 - Q.16 Communication.
 - Q.17 Latest event time.
 - Q.18 Temporary service.
 - Q.19 Network.
 - Q.20 Expand INTUC.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain the causes of accidents on a construction site.
 - Q.22 Write short note on “Cost optimization”.
 - Q.23 Differentiate between PERT and CPM.
 - Q.24 Explain two methods of wage payment to construction workers.
 - Q.25 State the purpose of scheduling.
 - Q.26 Explain the important points to be checked during inspection of reinforcement.