

No. of Printed Pages : 4

Roll No. ....

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**6th Sem. / Civil, Brick Tech.**

**Subject : CMA**

Time : 3 Hrs.

M.M. : 100

**SECTION-A**

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

- Q.1 Define Organising.
- Q.2 What is Construction Team.
- Q.3 Define Network.
- Q.4 What is line Organisation.
- Q.5 What is Unity of command.
- Q.6 Name type of wages.
- Q.7 Define measurement Book (MB)
- Q.8 Name two types of Bills.
- Q.9 What is Cash Book.
- Q.10 Define Master Roll.

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**SECTION-B**

**Note:** Very short answer type questions. Attempt any ten questions out of twelve questions. 10x2=20

- Q.11 What is Light construction and heavy construction?
- Q.12 Name any three kind of schedules.
- Q.13 Write full form of PERT & CPM.
- Q.14 Name two types of organisations.
- Q.15 Name two factors influencing selection & design of temp. Services for a construction.
- Q.16 Define Piece Rate system of wage payment.
- Q.17 What is direct & indirect cost.
- Q.18 Name any two stages of Inspection.
- Q.19 Name any two causes of Accidents.
- Q.20 Give two safety measures for excavation work.
- Q.21 Give two main features of P.W.D. system of accounts.
- Q.22 Define Treasury challan.

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## SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. 8x5=40

Q.23 What are the stages in construction. Discuss any three.

Q.24 Discuss the stages of construction planning.

Q.25  $t_o$        $t_e$        $t_p$        $t_e$       find  $t_e$ .

12      17      33      ?

9      16      22      ?

Q.26 List the principles of organisation. Explain any two.

Q.27 Draw a neat & clean job layout plan for a building.

Q.28 Discuss the minimum wages Act, 1948.

Q.29 Define cost optimization. Draw a neat sketch.

Q.30 Describe the Physical Physiological causes of accidents.

Q.31 Discuss the classification of works in P.W.D. system.

Q.32 Name the classification of stores. Discuss any two.

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## SECTION-D

**Note:** Long answer type questions. Attempt any three questions out of four questions. 3x10=30

Q.33 (A) Tell about the construction Team (5)

(B) Define  $t_o$ ,  $t_p$  &  $t_e$  time estimates.

Q.34 (A) What is the requirement of a Good organisation. (5)

(B) Discuss the Payment of Wages Act, 1936 (5)

Q.35 (A) Describe about the Process Chart while control of Progress. (5)

(B) What are Principles of Inspection & quality control. (5)

Q.36 (A) Discuss about safety Campaign. (5)

(B) Short Note on log book. (5)

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