

No. of Printed Pages : 4

180734/170734/120734

Roll No.

/030734

Branch : Civil
Subject:- Construction Material

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 Granite is an example of (CO1)

- a) aqueous rocks
- b) Sedimentary rocks
- c) metamorphic rocks
- d) Igneous rocks

Q.2 For one cubic meter of brick masonry the number of bricks required are (CO2)

- a) 400
- b) 450
- c) 500
- d) 550

Q.3 The commonly used lime in white washing is (CO3)

- a) quick lime
- b) fat lime
- c) lean lime
- d) hydraulic lime

Q.4 Vicat's apparatus is used to determine the (CO4)

- a) Initial setting time of cement
- b) final setting time of cement
- c) consistency of cement

- d) all of these

Q.5 The time required for air seasoning of soft wood is (CO5)

- a) 15 to 30 days
- b) 30 to 60 days
- c) 60 to 90 days
- d) 90 to 120 days

Q.6 The thinner used for oil paint is (CO6)

- a) water
- b) turpentine
- c) Carbon tetrachloride
- d) All of these

Q.7 The maximum percentage of carbon in wrought iron is _____ (CO7)

- a) 0.15%
- b) 1.5%
- c) 0.9%
- d) 3%

Q.8 The glass generally used for making wind screen of motor vehicle is (CO8)

- a) Wired Glass
- b) Plate Glass
- c) Safety Glass
- d) both (b) and (c)

Q.9 The inner annual rings which surrounds the pith is called _____ (CO5)

- a) Heart wood
- b) Sapwood
- c) Inner bark
- d) Medullary rays

Q.10 The clinker is formed at a temperature of (CO3)

- a) 500°C
- b) 1000°C
- c) 1200°C
- d) 1500°C

SECTION-B

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

- Q.11 Name one common heat insulating material. (CO8)
- Q.12 What is Ductility? (CO7)
- Q.13 What is the base material for distemper? (CO6)
- Q.14 The defect caused by imperfect seasoning is called (CO5)
- Q.15 Name the central part of a tree is called _____ (CO5)
- Q.16 What do you mean by Quick setting cement? (CO4)
- Q.17 What is moulding of bricks ? (CO2)
- Q.18 The rocks which have silica is main constituent is known as _____ (CO1)
- Q.19 Full form of POP. (CO8)
- Q.20 The bricks should be burnt at temperature from _____ (CO2)

SECTION-C

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

- Q.21 Write short note on Lamin Board. (CO5)
- Q.22 Explain Chemical composition of Rocks. (CO1)
- Q.23 Write the advantages of clamp burning. (CO2)

Q.24 What do you mean by natural and artificial cement? (CO4)

- Q.25 Describe the classification of trees. (CO5)
- Q.26 Write the properties of Thermoplastics. (CO8)
- Q.27 What are the uses of Mild Steel? (CO7)
- Q.28 What precautions should be taken while using driers in paint. (CO6)
- Q.29 Write short note on chemical seasoning. (CO5)
- Q.30 Write short note on soundness test of cement. (CO4)
- Q.31 Describe various uses of limestones. (CO3)
- Q.32 Describe the dressing of stones. (CO1)
- Q.33 Draw the diagram of Bull's Trench Kiln. (CO2)
- Q.34 What are the functions of Vehicle? (CO6)
- Q.35 What is Cork? Write down its properties. (CO8)

SECTION-D

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

- Q.36 Explain the different market forms of timber. (CO5)
- Q.37 Define the constituents of brick earth. (CO2)
- Q.38 Explain manufacturing of cement. (CO4)