

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

(1) 180734/170734/120734
/030734

(2) 180734/170734/120734
/030734

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)

(3) 180734/170734/120734
/030734

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)

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(4) 180734/170734/120734
/030734