

SECTION-D

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

- Q.23 Enlist the name of various types of Plumbing tools used for Plumbing work. Explain any two of them. (CO1)
- Q.24 Differentiate between HDPE pipe and cast iron pipe with their four advantages. (Co2)
- Q.25 Explain ring system of water supply distribution system with sketch and also gives its two advantages and disadvantages. (CO3)

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1st Sem / Civil

Subject : Plumbing Services

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

- Q.1 Hacksaw is which type of tool (CO1)
- a) Cutting tool b) Holding tool
- c) Fitting tool d) none
- Q.2 For joining of two different diameter pipes we use (CO2)
- a) Elbow b) Union
- c) Reducer d) Nipple
- Q.3 Which layout of water distribution system is also known as 'Tree System'? (CO3)
- a) Dead end system b) Grid iron System
- c) Ring system d) Radial system

Q.4 Which is not related to types of trap system (CO4)

- a) P-Trap b) Q-Trap
- c) S-Trap d) K-Trap

Q.5 The heat from Sun reaches to Earth through (CO5)

- a) Conduction mode b) Radiation mode
- c) Convection mode d) none

Q.6 What should be the maximum height of wash basin from floor level? (CO5)

- a) 50-60 cm b) 60-70 cm
- c) 70-80 cm d) 80-100 cm

SECTION-B

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

Q.7 In Bench vice one jaw is _____ and other is _____. (CO1)

Q.8 _____ joint is used for Cast iron and Steel pipes. (CO2)

Q.9 _____ is used for supplying water during fire. (CO3)

Q.10 Drainage system works under _____. (CO4)

Q.11 _____ Colour absorbs maximum energy as compare to others. (CO5)

Q.12 Indian toilet is a type of toilet called _____. (CO5)

SECTION-C

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

Q.13 Define plumber. Explain the skills required for plumber. (CO1)

Q.14 Write any four advantages of P.V.C. pipes. (CO2)

Q.15 Explain spigot joint in detail. (CO2)

Q.16 Write short note on Centrifugal pump. (CO3)

Q.17 What are advantages of Grid iron system of distribution of water supply? (CO3)

Q.18 What is seal in traps? Write any four causes of breaking of seals in traps. (CO4)

Q.19 Explain Smoke test to check out the leakage in sewer pipe system. (CO4)

Q.20 What is septic tank and why it is provided? (CO4)

Q.21 Explain any two types of wash basin. (CO5)

Q.22 Write short note on:- (Co5)

- a) Conduction
- b) Convection