

No. of Printed Pages : 4
Roll No.

220716

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 Bench vice is which type of tool (CO1)

- a) Cutting tool b) holding tool
- c) Fitting tool d) bending tool

Q.2 For joining of two different diameter pipes we use (CO2)

- a) Elbow b) Union
- c) Reducer d) nipple

Q.3 Stop valve is also known as (CO3)

- a) Gate valve b) air relief valve
- c) Globe valve d) needle valve

Q.4 Which test is used to check the sewer line (CO4)

- a) Water test b) air test
- c) Smoke test d) all of the above

Q.5 Which colour absorb maximum energy (CO5)

- a) Green b) Red
- c) Black d) Blue

Q.6 The heat from sun reach the earth by which mode (CO5)

- a) Conduction b) convection
- c) Radiation d) None of the above

SECTION-B

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

Q.7 The tools which are used for cutting the pipes, fixtures and bolts etc. is known as _____? (CO1)

Q.8 What is the full form of HDPE _____ (CO2)

Q.9 _____ pipes coated with Zinc or called galvanized iron pipes (CO2)

Q.10 Check valve is called _____ or _____ (CO3)

Q.11 When a _____ is broken in a drainage system smell with escape back to the building. (CO4)

Q.12 There are _____ modes to transfer of heat . (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 the rules to be followed for designing and installing plumbing system (CO1)
- Q.15 Describe four disadvantage of cast iron pipe. (CO2)
- Q.16 Enlist any two advantages and disadvantages of HDPE pipes. (CO2)
- Q.17 Write four advantages of ring and circular system of distribution of water supply. (CO3)
- Q.18 Define centrifugal pump and reciprocating pump. (CO3)
- Q.19 What points should be kept in mind while fixing accessories. (CO4)
- Q.20 Enlist any four advantages of one pipe system over two pipe system. (CO4)
- Q.21 Writes a short note on solar water heater. (CO5)
- Q.22 Explain about Supply of Hot water to Domestic Building? (CO5)

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SECTION-D

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

- Q.23 Explain dead end system of water supply distribution system with sketch and also give its advantage and disadvantage. (CO3)
- Q.24 Describe in brief stages of laying sewer lines. (CO4)
- Q.25 Explain various types of Pipes used in plumbing. (CO2)

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