

No. of Printed Pages : 4
Roll No.

180754

**5th Sem / Branch : Civil
Sub.: Plumbing Services**

Time : 3Hrs.

M.M. : 100

SECTION-A

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

Q.1 _____ is used for plastering, brick laying and finishing concrete floors. (CO1)

- a) Spade
- b) Plumb hub
- c) Spirit level
- d) Trowel

Q.2 What is the disadvantage of GI pipe? (CO2)

- a) It can be easily jointed after threading
- b) It is easy to detach joint
- c) This pipe can be easily affected by acid or alkaline water
- d) It will not get rusted easily because of galvanization

Q.3 What pipes are mostly used in Water Supply Scheme? (CO2)

- a) Steel pipe
- b) Lead pipe
- c) Cast iron pipe
- d) Composite pipe

Q.4 A water having pH less than 7 is: (CO3)

- a) Alkaline
- b) Potable
- c) Acidic
- d) Neutral

Q.5 Which valve is provided at intervals in long mains to prevent hack pressure on the pump and in raising lines to prevent backflow of water? (CO3)

- a) Check valve
- b) Mud valve
- c) Reflux valve
- d) Pressure relief valve

Q.6 Access of inspection testing and cleaning of drain is provided by (CO4)

- a) Trap
- b) Cistern
- c) Inspection chamber
- d) Gratings

Q.7 Water meter in piping system is used to check up: (CO4)

- a) Quantity
- b) Quality
- c) Pressure
- d) Controlling

Q.8 The pipe receiving discharge from water closet, urinals etc, are called: (CO5)

- a) Waste pipe
- b) Soil pipe
- c) Rainwater pipe
- d) Ventilation pipe

Q.9 Automatic flushing cisterns are done by: (CO5)

- a) E.W.C.
- b) L.W.C.
- c) Urinal
- d) Bidet

Q.10 How many modes of heat transfer. (CO6)

- a) Two
- b) Three
- c) Four
- d) Five

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(2)

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SECTION-B

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

Q.11 _____ is a tool used for assembly of pipe disassembly of pipe. (CO1)

Q.12 _____ test is applied to check the alignment and condition of the inside of the pipes? (CO2)

Q.13 RCC pipe are joined by _____. (CO2)

Q.14 Tube well water is _____ than surface water. (CO3)

Q.15 What is the function of foot valve? (CO3)

Q.16 For checking and clearing of house drain, the access is provided by : (CO4)

Q.17 Cesspool is a _____. (CO4)

Q.18 In a mixing tap, cold water connection is given to _____ of user. (CO5)

Q.19 Laying of water pipe is simple in case of _____ method.

Q.20 Heat always move from _____ to lower temperature. (CO6)

SECTION-C

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

Q.21 Name different types tools required in plumbing. (CO1)

Q.22 Explain the term of Plumber and skills required for plumber. (CO1)

Q.23 What is the process of pipe bending. (CO2)

Q.24 Explain Reciprocating pump with diagram. (CO3)

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Q.25 Explain the construction, working of expansion joint. (CO2)

Q.26 Explain mixing tap. (CO5)

Q.27 What you understand by rain water harvesting? (CO3)

Q.28 Name the various operation to be followed while laying underground pipes. (CO3)

Q.29 Explain the water test for sewer. (CO4)

Q.30 What Drop manhole and its function. (CO4)

Q.31 Explain squat toilet with sketch. (CO5)

Q.32 Explain various types of wash basin. (CO5)

Q.33 Write a note on:
a) Conduction b) Convection (CO6)

Q.34 Explain the geyser. (CO6)

Q.35 What is domestic hot water supply system (CO6)

SECTION-D

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

Q.36 Explain working and provision of different types of valve. (CO3)

Q.37 Describes the stages of construction and laying of sewer. (CO4)

Q.38 What is pipe joint and explain different types of pipe joint? (CO2)

Note : Course Outcome (CO) mentioned in the question paper is for official purpose only.

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