

**ENGINEERING DEPARTMENT**  
**HYDERABAD DIVISION**

**QUESTION BANK FOR SELECTION TO THE POST OF TECH – PIPELINE FITTER**

**Gr-III**

1. Calipers are used for ?
- a. **Measurements**
  - b. Cutting instruments
  - c. Making of joint
  - d. Covering of wound

**Ans. A**

2. One meter is equal to \_\_\_\_\_ centimeters
- a. 10
  - b. 50
  - c. **100**
  - d. 150

**Ans. C**

3. One feet is equal to \_\_\_\_\_ inches
- a. 10
  - b. 20
  - c. **12**
  - d. 6

**Ans. C**

4. 48 inches means \_\_\_\_\_ feet
- a. 2
  - b. 3
  - c. **4**
  - d. 2.5

**Ans. C.**

5. 160 Centimeters mean \_\_\_\_\_ meters
- a. **1.6**
  - b. 16
  - c. 0.16
  - d. 160

**Ans. A**

6. Among drainage pipes the accessory used to stop the foul gases entering into the house by providing water is called?
- a. Valve

- b. Union
- c. Trap
- d. Sink

**Ans. C**

7. Which of the following is not a trap
- a. S-Trap
  - b. P-Trap
  - c. Z-Trap
  - d. Q-Trap

**Ans. C**

8. Both P and S trap are used for which of the following
- a. Water closet
  - b. Wash basin
  - c. Water tank
  - d. Flush tank

**Ans. A**

9. The material used for making socket and spigot joint cast iron pipes is
- a. Lead
  - b. Rubber
  - c. Plastic
  - d. Iron

**Ans. A**

10. Before casting lead for making Socket and spigot joint which one of the following is carried out first?
- a. Thread packing to be done
  - b. Lead packing to be done
  - c. Iron packing to be done
  - d. Rubber packing to be done

**Ans. A**

11. The pipe holding accessory required to hold it before making cutting is
- a. Bench vice
  - b. Calipers
  - c. Axe
  - d. Spanner

**Ans. A**

12. The instrument used for cutting pipes is
- a. Bench vice
  - b. Spanner

- c. Hack saw
- d. Calipers

**Ans. C**

13. All pipe used in plumbing applications will have all of the following markings except:
- a. Pressure rating in psi
  - b. Nominal pipe size
  - c. Length of the pipe
  - d. Manufacturer's brand name

**Ans. C**

14. What size of P-Trap is required for a kitchen sink?
- a. 1"
  - b. 1 1/4"
  - c. 1 1/2"
  - d. 1 3/4"

**Ans. C**

15. For 2" to 4" Dia. The distance between the manholes should be
- a. 100'-200'
  - b. 300'-500'
  - c. 600'-800'
  - d. 1000'-1200'

**Ans. B**

16. For 4" to 6" Dia. The distance between the manholes should be
- a. 100'-200'
  - b. 300'-500'
  - c. 600'-800'
  - d. 1000'-1200'

**Ans. C**

17. For above 6" Dia. The distance between the manholes should be
- a. 100'-200'
  - b. 300'-500'
  - c. 600'-800'
  - d. 1000'-1200'

**Ans. D**

18. Urinals are placed at a height of

- a. 1'
- b. 2.5'
- c. 5'
- d. 6'

**Ans. B**

19. For place of connecting the underground drains pipes with vertical soil pipes is called as ?

- a. Inspection chamber
- b. Trap
- c. Grease trap
- d. Vent Trap

**Ans. A**

20. Which of the following is not a pipe line layout?

- a. Dead End System
- b. Grid System
- c. Ring System
- d. Water system.

**Ans. D**

21. The following is used for provided thread for pipe?

- a. Dye set and dye bit
- b. Blow lamp
- c. Packing chisel
- d. Hack saw

**Ans. A**

22. After joining the CI pipes by pouring the liquid lead which of the following is used for filling is strongly?

- a. Cutting Pliers
- b. Packing chisel
- c. Wrench
- d. Spanner

**Ans.B**

23. Which of the following devices is used for opening when water is required and stopping when water is not-required ?

- a. Bib Cock
- b. Packing chisel

- c. Bench vice
- d. Sluice valve

**Ans. A**

24. At what level high level flush tank to be placed?

- a. 4'
- b. 5'
- c. 6'
- d. More than 6'

**Ans. D**

25. The Tap which is fixed for wash basin is called

- a. Bib Cock
- b. Stop Cock
- c. Push Cock
- d. Pillar Cock

**Ans. D**

26. The valve used for operation of pillar cock is

- a. Sluice Valve
- b. Stop Valve
- c. Ball Valve
- d. Flat Valve

**Ans. B**

27. Which of the following is used for wash basin

- a. Bib Cock
- b. Push Cock
- c. Blow off
- d. Waster Plug

**Ans. D**

28. Which of the following is used for mounting wash basin

- a. Vice
- b. Bracket
- c. Wrench
- d. Trap

**Ans. B**

29. For fixing of big diameter pipes the following is used?

- a. Vice
- b. Chain Wrench
- c. Packing tool

- d. Spanner

**Ans. B**

30. Identify **the** tool used for fixing the pipe.

- a. Packing tool
- b. Trap
- c. Elbow
- d. Adjustable wrench

**Ans. D**

31. Identify the tool used Joining pipes of two different diameters

- a. Wrench
- b. Di set
- c. Elbow
- d. Reducer

**Ans. D**

32. Identify the tool for joining two pipes at an angle

- a. Reducer
- b. Coupling
- c. Socket
- d. Elbow

**Ans. D**

33. Identify the tool used for joining two pipe of same diameter in an alignment

- a. Reducer
- b. Elbow
- c. Coupling or Socket
- d. Bend

**Ans. C**

34. For measuring the discharge through a pipe the following is used

- a. Meters
- b. Coupling
- c. Elbow
- d. Reducer

**Ans. A**

35. For joining three pipe the which of the following is used

- a. Diset

- b. Elbow
- c. Packing tool
- d. Tee (T)

**Ans. D**

36. For facilitating repairing the pipe line network one of the following is placed at regular intervals, identify it

- a. Diset
- b. Packing tool
- c. Union
- d. TEE

**Ans. C**

37. For arresting leakage of pipe at the end of pipe line network which one among the following is used

- a. Plug
- b. Elbow
- c. Tee
- d. Coupling

**Ans.A**

38. For removing the pipe which are placed at the centre in a pipe line network which among the following is used

- a. Elbow
- b. Flange
- c. Lead
- d. TEE

**Ans. B**

39. A small pipe with threads on its either side is called a

- a. Nipple
- b. Elbow
- c. Flange
- d. TEE

**Ans. A**

40. Identify the joint used to join two concrete pipe

- a. Lead
- b. Cement Concrete
- c. Flange
- d. Thread

**Ans. B**

41. The valve that is used to regulate the water supply from main water pipe line to service line is

- a. Sluice Valve

- b. Air release valve
- c. Ball valve
- d. Non-return valve

**Ans. A**

42. During the process of water supply through main water supply the air is expelled through which of the following valve

- a. Air release Valve
- b. Gate valve
- c. Sluice valve
- d. Flat valve

**Ans. A**

43. The valve that gets stopped as soon as the water tank is filled is a

- a. Gate Valve
- b. Float valve
- c. Sluice valve
- d. Air release valve

**Ans. B**

44. The valve that is used to reduce the pressure increase due to sudden stoppage or due to blockages is

- a. Pressure release Valve
- b. Float valve
- c. Sluice valve
- d. Gate valve

**Ans. A**

45. The valve that is used to make the water flow in one direction is

- a. Pressure release Valve
- b. Ball valve
- c. Gate valve
- d. Non-return valve

**Ans. D**

46. The valve that is used at every 300m for water pumping to high heights is

- a. Non Return Valve
- b. Ball valve
- c. Float valve
- d. Sluice valve

**Ans. D**

47. The valve that is used to remove drainage from manholes

- a. Non Return Valve
- b. Float valve
- c. Air release valve



d. Drain or Screw valve

**Ans. D**

48. The valve that is used to check water not to enter the households is

- a. Check Valve
- b. Float valve
- c. Pressure release valve

d. Stop valve

**Ans. D**

49. If the length of pipe line is more the sluice valve is placed at which of the following intervals

- a. 1-2 Kms.
- b. 2-6 Kms.
- c. 6-10 Kms
- d. 10-15 Kms

**Ans. B**

50. If the depth of drain is more than 300 Cms, the dimension of inspection chamber is

- a. 60x45 Cms
- b. 75x60 Cms
- c. 90x75 Cms
- d. 120x105 Cms

**Ans. D**

51. 4. What fitting is required to join copper with galvanized pipe?

- a. Adaptor
- b. Coupling
- c. Dielectric Union
- d. Solder Joint

**Ans. C**

52. In order to fit a valve in the running line an offset pipe taken Normal to axes of pipe is called

- a. Nipple
- b. Union
- c. Coupler
- d. Adopter

**Ans. A**

53. To change the alignment of pipe to 90° the accessory used is

- a. Bend or elbow
- b. Winch or pivot .
- c. Sluice valve
- d. None of these

**Ans. A**

54. The phrase DI is the acronym for

- a. Ductile Iron
- b. Durable Iron
- c. Density Iron
- d. Derived Iron

**Ans. A**

55. PVC stands for

- a. Poly vinyl chloride
- b. Poly Viral Chloride
- c. Poly versatile Chloride
- d. Poly Vinyl Chlorine

**Ans. A**

56. CPVC stands for

- a. Chlorinated poly vinyl chloride
- b. Chloroform Poly vinyl Chloride
- c. Common Ply Vinyl Chloride
- d. Chlorivnate Ply versatilve chloride

**Ans. A**

57. The valve that operates with the use of ball is a Ball valve

- a. Gate valve
- b. Ball Valve
- c. Float valve
- d. Sluice Valve

**Ans. B**

58. The valve that operate by used the gate movement is s Gate valve

- a. Gate valve
- b. Ball Valve
- c. Float valve
- d. Sluice Valve

**Ans. A**

59. The pipe used for casing in the bore well is called UPVC pipe

- a. Uno Plasticized Poly vinyl chloride
- b. Unplasticized Poly vinyl chloride
- c. Unitary poly vinyl chloride
- d. Uniform Poly vinyl chloride

**Ans. B**

60. A draw-off tap with a vertical inlet is called as Pillar cock

- a. Bib Cock
- b. Angle cock
- c. Pillar cock
- d. Stop cock

**Ans. C**

61. The Drew-off tap with horizontal inlet is called as Bib cock

- a. Bib Cock
- b. Angle cock
- c. Pillar cock
- d. Stop cock

**Ans. A**

62. A tap with bent up nozzle with long length enough to provide space between the wall and the water drop point is called Long body bib cock

- a. Bib Cock
- b. Angle cock
- c. Pillar cock
- d. Long Body Bib cock

**Ans. D**

63. A cock which as two function with one drop point as bib cock and other drop point used for attaching a health faucet or hand shower is called as

- a. Bib Cock
- b. Angle cock
- c. Two way Bib cock
- d. Long Body Bib cock

**Ans. C**

64. Nominal bore of the pipe stands for

- a. External Diameter
- b. Outside Diameter
- c. Internal Diameter
- d. Average Diameter

**Ans. C**

65. In order to connect a higher dia. pipe to a lower dia. Pipe the accessory used is a Reducer

- a. Augmenter
- b. Enhancer
- c. Union
- d. Reducer

**Ans. D**

66. The No. of reducers based on their alignment are 2

- a. 4
- b. 2
- c. 3
- d. 5

**Ans. B**

67. \_\_\_\_\_ are the accessory that in general join two pipes of standard or non-standard length based on the site conditions.

- a. Augmenter
- b. Enhancer
- c. Union
- d. Reducer

**Ans. C**

68. The flexible pipe which is used to convey water from one location to other is called as

- a. CI Pipe
- b. DI Pipe
- c. Hose Pipe
- d. UPVC pipe

**Ans. C**

69. The peripheral used to control the flow of liquid in a conduit is called a

- a. Valve
- b. Pipe
- c. Wrench
- d. Trap

**Ans. A**

70. The flow of water is bifurcated and made to flow in two perpendicular directions is achieved by using a accessory "T"

- a. Q
- b. R
- c. W
- d. T

**Ans. D**

71. What does PP-R (

- a. Plastic Propylene Random Copolymer
- b. Plastic Propylene Rigid Copolymer
- c. Plastic Propylene Rigid Copolymer
- d. Polypropylene random copolymer

**Ans. D**

72. Pipe that are connected with threads are in general have some unseen gaps which can be closed using a

- a. Coagulant
- b. Sealant
- c. Gum
- d. Bleaching powder

**Ans. B**

73. The stone ware pipes are glazed to prevent chipping of stone ware due to \_\_\_\_\_ of running water

- a. Pressure

- b. Friction
- c. Corrosion
- d. Velocity

**Ans. A**

74. Most cheapest way of sewerage disposal can be done with one of the following pipes

- a. Asbestos Pipes
- b. UPVC pipes
- c. Stone ware glazed pipes
- d. Hume pipes

**Ans. C**

75. The pipe that provides better stability for high temperate liquid/steam supplies of order 200 ° Celsius is

- a. GI pipe
- b. PVC
- c. CPVC
- d. PP-R

**Ans. A**

76. \_\_\_\_\_ pipe is better for potable water as it checks the growth of bacteria.

- a. PVC
- b. GI
- c. DI
- d. CPVC

**Ans. D**

77. \_\_\_\_\_ pipes are in general referred as NP pipes (Non Pressure pipes)

- a. PVC
- b. Asbestos
- c. UPVC
- d. Hume

**Ans. D**

78. No. of categories of NP pipes in India are \_\_\_\_\_

- a. 3
- b. 2
- c. 4
- d. 5

**Ans. C**

79. Np-1 stands for low work and lighter pipe

- a. Lighter Pipe
- b. Denser Pipe
- c. Medium Pipe
- d. Heavy Pipe

**Ans. A**

80. NP-4 stands for

- a. Lighter Pipe
- b. Denser Pipe
- c. Medium Pipe
- d. Heavy Pipe

**Ans. D**

81. Stoneware pipe are made up of

- a. Clay
- b. Stone
- c. Rock
- d. Cement

**Ans. A**

82. EPDM stands for

- a. Ethylene Propylene Diene Monomer
- b. EthynePropylene Di Monomer
- c. Ethylene Propylene Diene Material
- d. Ethylene Propane DieneMonom

**Ans.A**

83. PTMT stands

- a. Polytetra Methylene Terephthalate
- b. Polytetra Methylene Terepropane
- c. Polytetra Methylene Tetraethene
- d. None of these

**Ans.A**

84. In general manhole covers are made with \_\_\_\_\_

- a. Wrought
- b. Cast Iron
- c. Pig iron
- d. Mild steel

**Ans.B**

85. The IS code for Glazed stone ware pipes and its fittings is

- a. 456
- b. 800
- c. 516
- d. 651

**Ans.D**

86. Based on the crushing strength, pipe are classified into \_\_\_\_\_ Types

- a. 3
- b. 2
- c. 4
- d. 5

**Ans.A**

87. The main purpose of a trap is to prevent \_\_\_\_\_ gasses entering into the house by holding enough standing water.

- a. Pleasant
- b. Combustible
- c. Foul
- d. Life saving

**Ans.A**

88. Which is the most safest trap

- a. P
- b. V
- c. S
- d. Q

**Ans.A**

89. The legs of the trap are meeting at right angle to each other for \_\_\_\_\_ trap

- a. V
- b. S
- c. P
- d. Q

**Ans.C**

90. The legs of the trap meet at an angle that the trap is \_\_\_\_\_ trap

- a. V
- b. S
- c. P
- d. Q

**Ans.D**

91. The legs of the trap are parallel to each other then it is \_\_\_\_\_ trap

- a. V
- b. S
- c. P
- d. Q

**Ans.B**

92. The depth of water seal in the trap should be atleast \_\_\_\_\_ mm

- a. 50
- b. 75
- c. 45
- d. 25

**Ans.B**

93. Common gases which are produced in the sewage system are

- a. Methane, Hydrogen Sulphide, Nitrogen & Carbon Monoxide
- b. Oxygen, Nitrogen
- c. Hydrogen, Oxygen, Sulphur Dioxide
- d. Carbon Dioxide & Oxygen

**Ans.A**

94. The trap generally used for upper stories is \_\_\_\_\_ trap.

- a. P
- b. Q
- c. S
- d. V

**Ans.B**

95. The minimum depth of water seal provided by nahani trap is \_\_\_\_\_ mm

- a. 50
- b. 75
- c. 45
- d. 25

**Ans.A**

96. Which of the following is not a common reasons for failure of trap seal

- a. Evaporation
- b. Capillary Action
- c. Leakage due to wavering out of the seal
- d. Pressure

**Ans.D**

97. Which of the following is a low density pipe are \_\_\_\_\_

- a. CI pipe
- b. DI pipe
- c. Cement Pipe
- d. PVC

**Ans.D**

98. Which of the following is not the purpose for which Jalli is provided over the nahani trap

- a. Allowing only liquiedwatesthorough it
- b. Preventing Solid substances into trap



- c. Facilitating easy cleaning mechanism
- d. Allows movement of insects through it easily

**Ans.D**

99. One gallon is equal to

- a. 4.222
- b. 3.505
- c. 3.785
- d. 4.005

**Ans.C**

100. \_\_\_\_\_ is used in water as disinfectant as it kills potential pathogens in water which may cause various diseases

- a. Chlorine
- b. Bromine
- c. Iodine
- d. Hydrogen

**Ans.A**

101. The correct bevel of rounded blade is restored by grinding it over

- a. Sand Stone
- b. Granite
- c. Marble
- d. Grindstone

**Ans.D**

102. The standard length of GI pipe available in the market is 6m

- a. 10m
- b. 4.5m
- c. 6m
- d. 7.5m

**Ans.C**

103. Brick are laid with its \_\_\_\_\_ up for proper interlocking

- a. Length
- b. Width
- c. Frog
- d. Depth

**Ans.C**

104. \_\_\_\_\_ CI covers are used as manhole covers on Road

- a. Light duty
- b. Medium Duty
- c. Heavy duty
- d. None of these

**Ans.C**

105. Soakage pits are generally constructed \_\_\_\_\_ septic tank

- a. Before
- b. After
- c. Atleast 100m away

d. Near

**Ans.D**

106. While sharpening the blade the material used to minimize the heat caused due to friction is

- a. Water
- b. Kerosence
- c. Alchohol
- d. Oil

**Ans.D**

107. Normally foot rests are fixed in manholes at a distance of 40cm

- a. 40 Cm
- b. 60 Cm
- c. 75 Cm
- d. 100 Cm

**Ans.A**

108. GI pipe sockets are normally designated by its Nominal bore of pipe

- a. Outer Bore
- b. Diameter
- c. Effective bore
- d. Nominal Bore

**Ans.D**

109. \_\_\_\_\_ Pipes are coated with Zinc to prevent the iron from getting rust

- a. Iron Pipes
- b. Steel Pipes
- c. Copper Pipes
- d. CPVC pipes

**Ans.A**

110. One eighth bend changes the direction of sewage pipe by

- a.  $22.5^\circ$
- b.  $36^\circ$
- c.  $45^\circ$
- d.  $60^\circ$

**Ans.D**

111. A \_\_\_\_\_ is a fitting with three openings or a joint where three pipes meet.

- a. Z

- b. L
- c. Y(Wye)
- d. None of these

**Ans.C**

112.Which of the following is not used for preventing leakages for the flange type fittings in pipe line networks.

- a. Gasket
- b. Packing
- c. O ring
- d. Cello Tape

**Ans.D**

113.\_\_\_\_\_are heating devices used by plumber for solder or fixing copper pipes

- a. Light torches
- b. Pressure Torches
- c. Pyrometers
- d. Blowtorches

**Ans.D**

114..Which of the following is not a valve that are fitted to the pipe

- i. Sluice Valve
- ii. Air release valve
- iii. Pressure Release valve
- iv. Indian Valve

**Ans.D**

115.Pressure valve or safety valve is used under which circumstances

- a. At the end of lengthy pipe lines where water hammering occurs
- b. At the tapering section of pipe
- c. At the locations where the reducers are kept,
- d. At flanges joints

**Ans.A**

116.Name the pipe which is not used as sewage pipe lines?

- a. Earthenware or stoneware salt glazed pipes
- b. Cement concrete pipes
- c. Cast iron pipes
- d. Ductile iron pipes

**Ans. D**

117. What should be the ratio main pipe line diameter in terms of service pipe line diameter

- a. 3
- b. 2
- c. 4
- d. 5

**Ans.A**

118. For 3" Diameter water supply pipe line the dia. Of ferrule should be

- a. 0.75"
- b. 0.50"
- c. 1.00"
- d. 1.25"

**Ans.B**

119. For 4" and 6" water supply pipe line the dia. Of ferrule should be?

- a. 0.75"
- b. 0.50"
- c. 1.00"
- d. 1.25"

**Ans.A**

120. Where does the water meter is fixed

- a. At the end of service line
- b. At the middle of service line
- c. At the point of take off of service line from main line
- d. At 10m distance from the take off point of service line from main lines

**Ans.C**

121. Which of the following joint pertains to GI pipe line

- a. Flanged Joint
- b. Lap Joint
- c. But joining
- d. None of these

**Ans.A**

122. Scour or blow of pipes are used for location of pipes in

- a. Summits
- b. Valleys or dead ends
- c. Level
- d. None of these

**Ans.B**

123. Inspection chambers are usually spaced at \_\_\_\_\_ feet intervals

- a. 75'
- b. 90'
- c. 100'
- d. None of these

**Ans.C**

124. After repairing the old pipe line for defect the same is joined with new pipe line with the following \_\_\_\_ accessory intervals

- a. Tee
- b. Valve
- c. Reducer
- d. Union

**Ans.D**

125. Inspection chambers are used for

- a. Checking the blockages and clearing
- b. For making a junction
- c. Drainage connection at 90° crossing only
- d. None of These

**Ans.A**

126. Intercepting trap is provided at

- a. Inside the building to check foul gases
- b. At the end of building sewer network before connecting to public sewer to check foul gases entering into households
- c. For connecting to IWC/EWC for checking the entry of foul gases into the house
- d. None of These

**Ans.B**

127. Which of the following is inevitable for length pipe connection

- a. Leakages are likely owing to more joints
- b. Drop of pressure due to friction
- c. Thermal expansion or contraction likely to occur
- d. All of these

**Ans.D**

128. Which of the following plumbing system effectively handles thermal stresses owing to temperature increase or decrease.

- a. CI pipe system
- b. DI pipe system
- c. GI pipe system
- d. CPVC pipe system

**Ans.D**

129. Pipe wrench is used for \_\_\_\_\_ of pipes in plumbing.

- a. Tighten or loosen
- b. Assembling and disassembling
- c. They use their jaws as a means for gripping
- d. All of these

**Ans.D**

130. In order to stop the pressure from the places of summit in a pipe line network to travel backward the valve used is.

- a. Ball valve
- b. Gate valve
- c. Reflex valve
- d. All of these

**Ans.C**

131. Which valve is used at the summit of pipe line networks

- a. Ball valve
- b. Air release valve
- c. Reflex valve
- d. All of these

**Ans.B**

132. Which of the following is not a joint of drainage system

- a. Bandage
- b. Collar
- c. Mechanical
- d. Ankle

**Ans.D**

133. Where does asbestos cement pipe used

- a. Sewer water
- b. Drinking water
- c. Rain water
- d. None of the above

**Ans.C**

134. Identify the water meter among the options

- a. Rotary type
- b. Angular
- c. Digital
- d. None of the above

**Ans.A**

135. What of the following is not a joints in plumbing

- a. Threaded Joint
- b. Flange Joint
- c. Spigot Joint
- d. Stitch joint

**Ans.D**

136. Two stone ware glazed pipes are joined using

- a. Cement mortar
- b. Lime mortar
- c. Welding
- d. Soldering

**Ans.A**

137. Two stone ware glazed pipes are joined using

- a. Cement mortar
- b. Lime mortar
- c. Welding
- d. Soldering

138. Which of the following is not a special used for pipe fitting

- a. Union
- b. Elbow
- c. TEE
- d. Ankle

**Ans.D**

139. SDR in PP-R means

- a. Standard Dimension ratio
- b. Standard Diameter ratio
- c. Standard Diameter Rate
- d. Standard Dimension rate

**Ans.A**

140. Which of the following metal is not used in plumbing

- a. Zinc
- b. Brass
- c. Iron

d. Silver

**Ans.D**

141 . FPS in FPS non-modular brick means

a. Feet Pound Second

b. Foot Pound Second

c. Feet Pounce Second

d. Foot pounce second

**Ans.A**

142.Which of the following is a water tight seal

a. Pipe range

b. Pipe Dope

c. Range Dope

d. None of these

**Ans.B**

143 . The height of handicapped toilet should be between

a. 15" to 17"

b. 17" to 19"

c. 19" to 21"

d. 21" to 23"

**Ans.B**

144 . Which of the following is best suited for pipe lines in coastal areas

a. Cast Iron

b. Wrought Iron

c. Galvanised iron

d. Pig iron

**Ans.C**

145. The IS code for specification of sewer bricks

a. 516

b. 4885

c. 2062

d. 456

**Ans.B**

146. Identify the composite pipe

a. GI pipe

b. PE-AL-PE pipe



- c. DI Pipe
  - d. Cement pipe
- Ans : B

147. One inch is equal to

- a. 254 mm
- b. 25.4 mm
- c. 2.54 mm
- d. 0.254 mm

**Ans.B**

148 . Brick of Class 7.5 indicates

- a. Having a compressive strength of 7.5 Kg/Sq.m
- b. Having a compressive strength of 7.5 N/Sq.mm
- c. Having a compressive strength of 7.5 Kg/Sq.mm
- d. None of these

**Ans.B**

149. Function/Functions of Ferrule which is used for joining service pipe with Main water supply

- a. As a means of tight compression fitting
- b. To prevent water and air leakage
- c. Extensively used in pipe and fixtures joints
- d. All of the above

**Ans.D**

150. Identity the wrong one among the following in case of precaution to be taken by Plumber in ensuring safety

- a. Should wear goggles in order to protect eyes from flying objects
- b. Being casual in case of working with inflammable substances
- c. Should be careful while handling Sharpe edges objects
- d. Should ensure adequate measure taken while working with underground pipes as there is a risk of electrical shock

**Ans.B**

151 Which of the following is used in joining two materials or to take up a repair to existing one so as to make water tight

- a. Adhesives like glue
- b. Alcohol
- c. Turpentine oil

- d. None of these

**Ans.A**

152. Which of the following are the functions of vent cowl

- a. To increase the draft from the pipe
- b. To arrest back flow
- c. Arresting birds to build their nests
- d. All of these

**Ans.D**

153. Which one of the following is considered as the basic step to unclog any blockages in pipe

- a. To pour hot water through pipe
- b. To pour cold water through pipes
- c. Using a composition of Vinegar, Baking soda and water
- d. Using caustic soda

**Ans.A**

154. What does HWT mean

- a. Hot water tank
- b. Half width of tank
- c. Height width tape
- d. None of these

**Ans.A**

155. Which of the following is used to arrest grease coming out from the canteen?

- a. Intersecting trap
- b. Gully trap
- c. Grease trap
- d. None of these

**Ans.C**

156 The perimeter of 2" pipe is

- a.  $\pi$
- b.  $2\pi$
- c.  $3\pi$
- d. None of these

**Ans.B**

157. The number of joints in a pipe of length 10m where a nipple is to be placed at every

2.5m intervals starting from one end are

- a. 2
- b. 3

- c. 4
- d. None of these

**Ans.B**

158. Water tank is measure by its

- a. Capacity to hold water
- b. By weight
- c. By density
- d. By nature of materials

**Ans.A**

159. Teflon tape is used to provide

- a. Water seal on a threaded joint
- b. It is a polytetrafluoroethylene (PTFE) film tape
- c. It helps in lubricate the connection making threading a bit smoother
- d. All the above

**Ans.D**

160.Which among the following is a locator used for location for interal diameter

- a. Solid supports
- b. Pin type locator
- c. Vee locator
- d. Nest locator

**Ans.B**

161. Which one of the following is used for making a branch right angle to the main line in pipeline fitting?

- a. Union
- b. elbow
- c. Tee
- d. Flange.

**Ans.C**

162. Which one of the following accommodates four pipes in pipe fitting

- a. Socket
- b. Elbow
- c. Tee
- d. Cross

**Ans.D**

163. Which among the following is used to block up the pipe on one end

- a. Plug
- b. Union
- c. Tee
- d. Cross

Ans.A

164. Which among the following is used for extending the length in straight line by joining two different diameter pipe.

- a. Socket
- b. Reducing socket
- c. Union
- d. Flange

Ans.B

165. Which among the following is used to separate the connection without disturbing the pipeline.

- a. Union
- b. Plug
- c. Socket
- d. Cross

Ans.A

166. Which among the following methods is generally used to cut threads on G.I. pipes

- a. By centre lathe
- b. By thread rolls
- c. By tap sets
- d. By die stock

Ans.D

167. Non-return Valve permits water supply in

- a. One way
- b. Two way
- c. Three way
- d. Four way

Ans.A

168. Gate Valve permits water flow in

- a. Straight line
- b. Angular
- c. Right angle
- d. None of the above

Ans.A

169. Which among the following is the cause for water flowing from tap even when firmly closed.

- a. Spindle bent
- b. Spindle threads worn out
- c. Defective washer
- d. Valve on the spindle loose

Ans.C

170. What are the common causes of flange leak?

- a. Centering of gasket
- b. Out of parallel flange face
- c. Damaged flange face
- d. All of the above

Ans.D

**Official Language  
(Rajbhasha)**

## Question Bank on Official Language for Departmental Examination

1. What is the official language of the India?

a) Telugu b) Hindi c) Marathi d) Hindi in Devnagari Script

[Answer: d]

2. In which article of the constitution of India Hindi has been declared as Official Language?

a) Article 120 b) Article 210 c) Article 343 d) Article 351

[Answer: c]

3. As per the provisions of the Constitution of India Official Language Hindi shall be written in which script?

a) Brahmi Script b) Sanskrit Script c) Roman Script d) Devnagari Script

[Answer: d]

4. Which forms of the numerals should be used in official purposes of the Union of India?

a) International form of Indian Numerals b) Devnagari numerals

c) Roman numerals d) None of the above

[Answer: a]

5. Hindi Day is celebrated in India on every year.

a) 10<sup>th</sup> January b) 26<sup>th</sup> January c) 15<sup>th</sup> August d) September

[Answer: d]

6. Why Hindi Day is celebrated in India on 14<sup>th</sup> September?

a) Constituent Assembly of India had adopted Hindi as Official Language of India on that day.

b) Ministry of Home Affairs, Department of Official Language had ordered to do so.

c) Railway Board had ordered to do so d) None of the above

[Answer: a]

7. In which article of the Constitution of India envisages setting up of Official Language Commissions?

a) Article 343 b) Article 344 c) Article 345 d) Article 346

[Answer: b]

8. Which article of the Constitution of India empowers the Indian states to choose their own Official Language?

a) Article 343 b) Article 351 c) Article 210 d) Article 345

[Answer: d]

9. If a state does not choose Official Language for itself from the languages spoken in the state what language will be its Official Language?

a) All the languages spoken in the state b) Hindi Language

c) English Language d) None of the above

[Answer: c]

10. The authoritative texts of all Bills to be introduced or amendments thereto to be moved in either House of Parliament or in the House or either House of the Legislature of a State shall be in which language?

- a) In Hindi    b) In English
- c) In any of the Languages mentioned in 8<sup>th</sup> Schedule of the Constitution of India
- d) None of the above

[Answer: b]

11. As per the prevailing provisions of the Constitution of India all proceedings in the Supreme Court and in every High Court shall be in \_\_\_\_\_ language.

- a) In Hindi    b) In English
- c) In any of the Languages mentioned in 8<sup>th</sup> Schedule of the Constitution of India
- d) None of the above

[Answer: b]

12. In which article of the constitution of India the duty to promote the spread of the Hindi language assigned to the Union of India?

- a) Article 120    b) Article 210    c) Article 343    d) Article 351

[Answer: d]

13. Which of the following languages not included in the VIII Schedule of the Constitution of India?

- a) Chhattisgarhi    b) Maithili    c) Dogri    d) Bodo

[Answer: a]

14. As per the provisions of the Constitution of India vocabulary should be drawn primarily from which language wherever necessary or desirable for enrichment of Hindi Language to serve as medium of expression for all the elements of the composite culture of India?

- a) English Language    b) Hindustani Language    c) Lingua Franca    d) Sanskrit Language

[Answer: d]

15. In which article of the Constitution of India the provision contains that if a Member of Parliament does not adequately express himself in Hindi or in English he/she would be permitted by the Chairman of the Council of the States or speaker of the House of the People or person acting as such as the case may be, to address the house in his mother tongue?

- a) Article 120    b) Article 210    c) Article 343    d) Article 351

[Answer: a]