


WRITTEN TEST FOR MFCP OF TECHNICIAN (PLUMBER) A TO B

08.09.2017

1. Hardness which can be removed by boiling is called
 - a) Stiffness
 - b) Toughness
 - c) Permanent hardness
 - d) Temporary hardness
2. Water which forms scum with soap is called
 - a) Distilled water
 - b) Hard water
 - c) Soft water
 - d) Un distilled water
3. A cutting tools used to remove sharp and rough edged from cut metal is known as
 - a) Chisel
 - b) Punch
 - c) Files
 - d) Pipe
4. Which of the following is used for checking straightness of large surface?
 - a) Steel rule
 - b) Straight edge
 - c) True square
 - d) Foot rule
5. _____ is the most commonly used vice sometimes also known as parallel jaw vice.
 - a) Bench vice
 - b) Hammer
 - c) Chisel
 - d) Jack
6. The permissible pH value for drinking water
 - a) 7.4
 - b) 7.11
 - c) 7.8
 - d) 7
7. _____ is a very common tool used for scribing straight lines at right angles to a true surface.
 - a) Bevel gauge
 - b) Universal square gauge
 - c) True square
 - d) Files
8. _____ is used for striking chisels in chipping and cutting and the punch in marking.
 - a) Chisel
 - b) Hammer
 - c) Hack saw
 - d) Gauge
9. Which of the following is used to cut external threads on the surface of bolt or rod?
 - a) Die
 - b) Drills
 - c) Tap
 - d) Dressing
10. A _____ is a tool used to remove fine amount of materials from a work piece.
 - a) Pipes
 - b) File
 - c) Cold hammer
 - d) Dies
11. The minimum diameter of a manhole cover should be
 - a) 25 cm
 - b) 50 cm
 - c) 75 cm
 - d) 100 cm
12. Multi-stage centrifugal pumps are used to
 - a) Give high discharge
 - b) Pump viscous fluids
 - c) Produce high heads
 - d) Produce low heads
13. The rate of hydration of cement depends up on its
 - a) Setting time
 - b) Tensile strength
 - c) Fineness
 - d) Soundness
14. Acetylene can be prepared by the chemical reaction between
 - a) Water & calcium carbide
 - b) Water and calcium carbonate
 - c) Hydrogen & calcium carbide
 - d) Hydrogen & calcium carbonate
15. The pipe joint commonly used in pumping station is
 - a) Flexible joint
 - b) Flanged joint
 - c) Expansion joint
 - d) Spigot and socket joint
16. Zinc is a coating on the outside and inside of pipes to slow corrosion. This is called
 - a) Soldering
 - b) Brazing
 - c) Galvanization
 - d) None of these
17. _____ are defined as fittings at the end of soil pipes of waste pipes to prevent foul gases coming out of waste pipes.
 - a) Vent
 - b) Leakage
 - c) Trap
 - d) Ventilation

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18. Used to connect the two ends of two pipes, neither of which can be turned
a) Nipple b) Coupling c) Tread d) Jack
19. The lowest portion of the inside of any pipe or conduit that is not vertical.
a) Span b) Invert c) Fitting d) Elbow
20. A valve permitting a liquid or gas to flow in one direction
a) Float valve b) Globe valve c) Gate valve d) Check valve
21. What is the most common pipe material?
a) Plastic b) Steel c) Copper d) Clay
22. Solder for potable water pipes shall be ____ free
a) Copper b) Zinc c) Lead d) Metal
23. In sanitary fitting, the symbol , stands for
a) Elbow b) Tee c) Valve d) Union
24. ____ is also used as the trade name for a polymer with similar properties, perfluoroalkoxy polymer resin (PFA)
a) PVC b) PP-R c) Teflon d) None of these
25. The liquid waste from kitchen, bath rooms and wash basin, is not called
a) Liquid waste b) Sullage c) Sewage d) None of these
26. A pipe installed in the house or building drainage to preserve the water seal of a trap
a) Soil pipe b) Waste pipe c) Vent pipe d) Anti-syphonage pipe
27. The disposal of sewage into natural water course such as streams, river, sea and lake is known as
a) Chemical privy b) Dry privy c) Disposal by dilution d) Septic tank
28. The bacterias which exist under dark and stagnate conditions in the absence of oxygen are known as
a) Self purification c) Aerobic bacterias
b) Sewage treatment d) Anaerobic bacterias
29. ____ are commonly used for heating of water.
a) Fossil fuels b) Pipe c) Die d) Chisel
30. ____ is a thermodynamic process that uses an energy source to heat above its initial temperature.
a) Water heating c) Gravity fed system
b) Geothermal heating d) None of these
31. ____ is not ductile and cannot be adopted to absorb shocks and impact
a) Cast iron b) Steel c) Both (a) & (b) d) None of these
32. For drainage pipe in buildings the test applied before putting them to use, is
a) Smoke test b) Water test c) Chemical test d) Straightness test
33. ____ is an inspection chamber, in a drainage system.
a) Septic tank c) Gully trap
b) Manhole d) All of these

WRITTEN TEST FOR MFCP OF TECHNICIAN (PLUMBER) A TO B

34. A _____ is a pipe or tube frequently made of plastic or metal, that carries pressurized and treated fresh water to a building.
a) Water pipe b) Sewer pipe c) Concrete pipe d) Asbestos pipe
35. Which of the following is used in toilet under water closet?
a) Nahini trap b) S trap c) Q trap d) Bottle trap
36. _____ trap heat in the atmosphere, which makes the earth warmer.
a) Green house gases b) Ocean c) Mountains d) Land
37. _____ is used to finish work piece to show high surface quality and high accuracy of shape and dimension.
a) Brazing b) Soldering c) Grinding d) Coating
38. The crude impure iron, which is extracted from iron ores, is known as _____
a) Pig iron b) Cast iron c) Wrought iron d) Steel
39. The commonly used flux in brazing is
a) Rosin b) Borax c) Zinc chloride d) Lead sulphide
40. _____ Forces non-toxic, artificially created smoke through waste and drain pipe under a slight pressure to find leaks.
a) Leak test b) Water test c) Smoke test d) Pressure test
41. A _____ is an instrument designed to indicate whether a surface is horizontal (level) or vertical (plump)
a) Spirit level b) Bench vice c) Caliper d) Pinning file
42. Minimum size of a bibcock is
a) 12 mm b) 25 mm c) 15 mm d) 20 mm
43. The trap used for removing of oil and grease
a) grease trap b) grean trap c) anti Q trap d) nahani trap
44. Priming is the operation of removing
a) pressure from the pipe line c) entrapped air from the delivery pipe
b) entrapped air from the tank d) entrapped air from the pump
45. The depth of common water seal in a trap is
a) 50 mm b) 55 mm c) 60 mm d) 65 mm.
46. The fitting used to cover the inlet in a gully
a) heavy duty cover b) light duty cover c) Cl grating d) Cl cover
47. Minimum diameter of a sewer is:
a) 75 mm b) 100 mm c) 125 mm d) 150 mm
48. Ventilation of sewer is necessary for
a) atmospheric pollution c) to escape mosquito
b) free flow of sewage d) to prevent explosions
49. How the effluents from septic tank disposed off
a) inspection pit b) sock pit c) dust pit d) sand pit
50. Effectiveness of a trap depends upon
a) outlet diameter c) depth of water seal
b) inner smoothness d) cleaning eye

TECHNICIAN (PLUMBER) A to B (MFCP)-
ANSWER KEY (08/09/2017)

1	D	26	D
2	C	27	C
3	C	28	D
4	B	29	A
5	A	30	A
6	D	31	A
7	C	32	A
8	B	33	B
9	A	34	A
10	B	35	B
11	B	36	A
12	C	37	C
13	C	38	A
14	A	39	B
15	B	40	C
16	C	41	A
17	A	42	C
18	B	43	A
19	B	44	D
20	D	45	A
21	A	46	C
22	C	47	D
23	A	48	D
24	C	49	B
25	C	50	C