

BASIC CIVIL & MECHANICAL ENGINEERING WORKSHOP

* Required

EXPERIMENT 6 - Make a Plumbing Line using PVC fittings

Plumbing Line using PVC fittings

The bench vice is a type of _____ tool. *

1 point

- ☒ (a) Holding tool
- ☐ (b) Fitting tool
- ☐ (c) Cutting tool
- ☐ (d) Pipe bending tool

The function of a Vernier caliper is to _____.

1 point

- ☐ (a) Measure depth of a large container
- ☒ (b) measure diameter of a pipe
- ☐ (c) measure weight
- ☐ (d) measure pressure



Which of the following fittings is used to connect four pipes? *

1 point

- ☐ (a) Offset
- ☐ (b) Union
- ☒ (c) Cross
- ☐ (d) Reducer

Water is supplied through _____ and fittings. *

1 point

- ☐ (a) Holding system
- ☒ (b) Distribution system
- ☐ (c) fitting system
- ☐ (d) Cutting systems

The instrument which is used to check rectangularity of external and internal corners is called _____. *

1 point

- ☐ (a) Drill bits
- ☒ (b) Mason's square
- ☐ (c) Measuring tape
- ☐ (d) Spirit level



What is the full form of BIS? *

1 point

- ☒ (a) Bureau of Indian Standards
- ☐ (b) Bureau of Indian Store
- ☐ (c) Bank of Indian Standards
- ☐ (d) Bureau of Internal Standards

How many type of holding tools in plumbing? *

1 point

- ☐ (a) 4
- ☐ (b) 5
- ☒ (c) 2
- ☐ (d) 8

Which of the following is a unit of area? *

1 point

- ☐ (a) m²
- ☐ (b) cm²
- ☐ (c) Hectare
- ☒ (d) All of the above

_____ is a tool used for making a hole in a metal, wood or concrete. *

1 point



- ☐ (a) Mason's square
- ☒ (b) Drilling Machine
- ☐ (c) Measuring tape
- ☐ (d) Spirit level

Which tool is very much useful to hole slippery or small nuts and bolts for loosening or tightening? *

1 point

- ☒ (a) Wrenches
- ☐ (b) Spanner
- ☐ (c) Hacksaw
- ☐ (d) Bench vice

A chisel is mostly used for _____concrete surface and making grooves. *

1 point

- ☒ (a) Cutting
- ☐ (b) Joining
- ☐ (c) Welding
- ☐ (d) Fixing

The skill and art of transporting water from the source to the treatment plants and then to the end user is known as_____.

1 point

- ☐ (a) Masonry
- ☐ (b) construction
- ☒ (c) plumbing
- ☐ (d) concreting



Sanitary work refers to carrying the waste water to the waste disposal system through -----* 1 point

- ☒ (a) Plumbing fixtures
- ☐ (b) Holding tools
- ☐ (c) Fitting Tools
- ☐ (d) Cutting Tools

Which tool is very much useful to removing of sharp edges and smoothening of surfaces? * 1 point

- ☐ (a) Pliers
- ☐ (b) Screwdriver
- ☒ (c) Files
- ☐ (d) Drill bits

Every residential building should have regular and adequate -----supply. * 1 point

- ☒ (a) Water
- ☐ (b) Gas
- ☐ (c) Liquid
- ☐ (d) Plasma



From the total building construction, the appropriate cost percentage usually marked 1 point
for plumbing and sanitary work is_____.*

- ☐ (a) 12 per cent
- ☐ (b) 10 per cent
- ☐ (c) 5 per cent
- ☒ (d) about 8 per cent

Which of the following is the correct order of stages in a plumbing cycle? * 1 point

- ☒ (a) Supply, Distribution, Disposal, Treatment
- ☐ (b) Disposal, Distribution, Supply, Treatment
- ☐ (c) Supply, Treatment, Disposal, Distribution
- ☐ (d) Treatment, Supply, Disposal, Distribution

Which of the following is a unit of length? * 1 point

- ☐ (a) kg
- ☒ (b) m
- ☐ (c) minute
- ☐ (d) mL



Which of the following fittings is used to connect two pipes with each other? *

1 point

- ☐ (a) Tee
- ☐ (b) Connector
- ☒ (c) Elbow
- ☐ (d) All of the above

Plumbing and pipe fittings play a major role in the construction of buildings like *

1 point

- ☐ (a) Residential
- ☐ (b) Commercial
- ☐ (c) Industrial
- ☒ (d) All of the above

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