

Detailed Syllabus –Plumber cum Campus Assistant

- Plan and organize different types of basic fitting operation and Check for dimensional accuracy following safety precautions.
- Perform Inner & Outer Thread cutting on Metal & Studs and thread cutting on different types of pipes & fittings accessories.
- Carry out cutting of Pipes of Different dia in different angle and Joining of pipes by gas welding, Soldering and Brazing.
- Construct Masonry brick wall and RCC casting. Brick wall cutting for concealing pipe line.
- Carry out Cutting and Bending of Pipes using Plumber's tools and equipment.
- Join Various type of PVC pipe by heat process or Welding.
- Construct complete pipe line circuit with different types of Joints and fixing Cocks & valve on Pipe line.
- Carry out Cutting of Different Types of PVC Pipe, joining and laying.
- Perform Water analysis test, Water Pressure test and Water distribution system by using Pipe line.
- Align and lay humid pipe line of different dia, and fitting & maintenance of drainage pipe line.
- Install and maintain different Electric pumps.
- Join fittings for different purposes on PVC pipe line.
- Construct inspection chamber, manhole, gutter, septic tank, socket etc.
- Test pipe line as per site drainage pipe line layout.
- Perform removal of leakage in pipe line.
- Install, fix & maintain different valve & cock and sensor system of sanitary fittings.
- Install & maintain water meter and water supply for different fixtures.
- method of bending for different materials & different pipe joint.
- Perform fitting and maintenance of Fixture at different place.
- Carry out fitting, fixing & laying installation of hot & cold water pipe line and symbolizing.
- Perform repairing & reconditioning of waste pipe line.
- Perform repairing & reconditioning, scraping & painting of sanitary fittings pipe line.

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper