

GRADE XI
Plumbing and Wiring

Model questions

विद्यार्थीले सकेसम्म आफ्नै शब्दमा उत्तर दिनुपर्नेछ । दायाँ किनारामा दिइएको अङ्कले पूर्णाङ्क जनाउँछ ।

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

Time : 2 Hrs.

Full Marks: 50

Group: A

Write Very short answer to the following Questions.

9x1=9

1. What is plumbing?
2. Write the full form of CPVC. CPVC.
3. For what purpose can we use reducer?
4. How can volume of material of pipe be measured?
5. Write the applications of micrometer.
6. What is the function of switch?
7. Define electric circuit.
8. A bulb is rated with 100 watt. What does it mean?
9. Define 1 unit electrical energy consumption.

Group: B

Write Short answer to the following Questions.

5x5=25

10. List out the steps involved in laying of pipe.
11. What are the different types of pipe joints?
12. Differentiate between AC and DC.
13. What is series combination of resistor? Find the equivalent resistance of it mentioning its characteristics.
14. Mention the different methods of charging a battery. Explain any one of them.

Group: C

Write Long answer to the following Questions.

2x8=16

15. List out the different types of tools used in plumbing works. Mention their use also.
16. Explain in detail about the construction and working principle of fluorescent lamp.