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V Semester B.Sc. Degree Examination, January/February - 2025**INTERIOR DESIGN AND DECORATION****Building Services - Plumbing and Sanitation****(NEP Scheme 2021-22 Onwards)****Paper : ID-7 5.3****Time : 2½ Hours****Maximum Marks : 60****Instructions to Candidates:**

1. All Sections are Compulsory
2. Illustrate wherever necessary.

SECTION - A**I. Answer any Ten of the following.****(10×2=20)**

1. Define Plumbing.
2. What is Sanitation?
3. List the sources of fresh Water.
4. Define traps.
5. What is Ventilation?
6. List any two guidelines for natural ventilation.
7. Define Air Conditioning systems.
8. List any four causes for Fire.
9. Draw a neat sketch for any two types of hand wash basins.
10. What is meant by Septic tank?
11. What are traps?
12. What is direct water supply?

[P.T.O.]

**SECTION - B****II. Answer any Five of the following.****(5×4=20)**

13. Explain the different types of Water supply systems in a Residential Building.
14. Draw a neat Sketch of Septic tank kits and lable the parts.
15. List and explain types of Heater.
16. Calculate the Water supply requirements and under ground storage capacity for a 15 people Residing.
17. Define a Ducts Grills and Duct Diffuser.
18. Explain the need of atmospheric conditions in Interior Design.

SECTION - C**III. Answer any Four of the following.****(4×5=20)**

19. Draw a neat layout plan for Cold water supply of Hot water supply in Residential Building.
 20. Explain the difference between Mechanical Ventilation and Natural ventilation
 21. List the specifications and requirements for fire Resistance building.
 22. Write a brief note on Air Conditioning system with a neat sketch and its components.
 23. Draw any Five hardwares used in Sanitation.
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