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Reg. No.

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V Semester B.Sc. Degree Examination, February/March - 2024

INTERIOR DESIGN AND DECORATION

Building Services - Plumbing and Sanitation

(NEP Scheme 2020-21 Onwards)

Paper : ID -T 5.3

Time : 2½ Hours

Maximum Marks :60

Instructions to Candidates:

1. Write the question number legibly.
2. Sketch wherever required.
3. All sections are compulsory.



SECTION -A

I. Answer any TEN of the following.

(10×2=20)

1. What is fire hose ?
2. List any two application of septic tank
3. List any two types of pipes used in sanitary pipelines.
4. What is a Duct ?
5. What is air conditioning systems?
6. Give any two examples for sanitary fixtures.
7. List the necessity of plumbing systems.
8. List the different types of fire Detectors.
9. What is Natural Ventilation?
10. State any two applications of water supply in a Multi Storey Building.
11. Define waste water?
12. List the type of drainage systems.

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SECTION- B

II. Answer any FIVE of the following

(5×4=20)

13. Define traps ? Sketch any two traps.
14. Sketch any three sanitary fixtures with dimensions.
15. List and explain the different sources of water heaters.
16. Explain the causes of fire in the building.
17. Briefly explain the differences between. Natural and Mechanical Ventilation Systems.
18. Write a note on sanitary fittings and its uses in interiors.

SECTION - C

III. Answer any FOUR of the following.

(4×5=20)

19. List the responsibilities of a designer for fire protection and safety.
 20. Neatly sketch plumbing and Sanitation layout for a 2BHK Residential Building.
 21. What are the advantages and disadvantages of septic tank.
 22. Explain briefly the need of Sanitation for Residential Building.
 23. Write a note on waste water, its generation and disposal for a healthy Environment systems.
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