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IV Semester B.Sc. Degree Examination, September/October - 2022

INTERIOR DESIGN AND DECORATION

Interior Services - II - Plumbing, Sanitation, HVAC & Fire Safety

(CBCS Scheme - Freshers + Repeaters - 2019-20 Onwards)

Paper : ID 404A

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

- i) All sections are compulsory.
- ii) Write question no's legible.
- iii) Draw the sketches wherever essential.

SECTION - A

I. Answer any Ten of the following.

(10×2=20)

1. Name the types of water supply systems.
2. Mention the standard water consumption for a residence in litres /head/day.
3. What is man hole
4. What is septic tank.
5. Mention two types of water closets.
6. List two types of plumbing systems.
7. Define natural ventilation.
8. What is mechanical ventilation.
9. Name any two brands of airconditioners.
10. What is comfort zone with reference to air conditioning.
11. Mention any two causes of fire.
12. Give two examples of materials that are used in fire resistant construction.



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SECTION - B

II. Answer any FIVE of the following.

(5×4=20)

13. Explain water supply for a residential building of 2 stories.
14. Explain the purpose of traps.
15. Explain different types of wash basins with sketches.
16. What are the guidelines for good natural ventilation.
17. Write a short note on window air conditioner
18. Explain in detail the working of a fire extinguisher.

SECTION - C

III. Answer any FIVE of the following.

(5×6=30)

19. Explain water supply system for an apartment.
 20. Explain briefly the various materials used in sanitary fixtures & fittings.
 21. Explain with sketches any three types of traps.
 22. Describe the methods of mechanical ventilation.
 23. Describe central air-conditioning system.
 24. Explain briefly the preventive measures of fire.
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