

**C-6729**

**Sub. Code**

**100221**

**P.G. DIPLOMA EXAMINATION, APRIL 2022.**

**Second Semester**

**Interior Design**

**BUILDING SERVICES**

**(2021 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. List any two uses of generators.
2. What is inverter?
3. Write short note on split unit.
4. What is meant by utilization factor?
5. What is mechanical ventilation?
6. What is renewable energy?
7. What is fossil fuel?
8. Define Acoustics.
9. What are the causes of fire?
10. Write the importance of lighting.

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write short note on electrical layout.

Or

- (b) Write about estimation of load.

12. (a) Write about temperature control in A.C.

Or

- (b) State the different types of escalators.

13. (a) Write short note on day light factors.

Or

- (b) Write the methods of mechanical ventilation.

14. (a) Write the effects of fire.

Or

- (b) Discuss about fire detection and alarm systems.

15. (a) Write short note on bio mass energy.

Or

- (b) Write the characteristics of sound.

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the conventional symbols for electrical installations.

Or

- (b) Elaborate the preparation of electrical layout for a show room.

17. (a) Explain the factors to be considered in the design of ventilation.

Or

(b) Elaborate on arrangement of luminaries and distribution of illumination.

18. (a) Elaborate on fire fighting installation.

Or

(b) Explain the general requirements for fire resisting buildings.

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**P.G. DIPLOMA EXAMINATION, APRIL 2022.**

**Second Semester**

**Interior Design**

**PROFESSIONAL PRACTICE AND ESTIMATION**

**(2021 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is professional practice?
2. What is tender?
3. What is work order?
4. Define interior project.
5. Expand BOQ.
6. What is specification writing?
7. What is closed specification?
8. What is master list?
9. Write short note on sectional formats.
10. What is layout?

**Part B**

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss about invitation of tender.

Or

- (b) Why scrutiny of tender is done?

12. (a) What are the specifications for interior projects?

Or

- (b) What are the requirements of preparing a bill of quantities?

13. (a) State the need and importance of specification writing?

Or

- (b) What are the specification writing method to include sectional formats?

14. (a) Write the importance of legal aspects completion period.

Or

- (b) Write short note on tender document.

15. (a) Write short note on restaurant planning layouts.

Or

- (b) How lighting is important in restaurant design project?

**Part C**

(3 × 10 = 30)

Answer **all** questions.

16. (a) How professional practice is helpful in completion of an interior design project?

Or

- (b) Explain the merits and demerits of various types of contracts.

17. (a) Elaborate on estimation for interior project.

Or

- (b) How will you prepare bill of quantities?

18. (a) Explain the steps in project detailing and execution.

Or

- (b) Explain in detail about restaurant design project.
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