

C-4834

Sub. Code

91913

B.Sc. DEGREE EXAMINATION, NOVEMBER 2021.

First Semester

Interior Design

THEORY OF DESIGN

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the secondary colours?
2. Mention the type of lines and draw.
3. Draw the various line weight.
4. What is rhythm and give an example?
5. Write short notes on shade and shadow.
6. Define light and shade.
7. What is scale and proportion?
8. What is Balance and give examples?
9. Define contrast with examples.
10. What is a good composition?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the various types of Balance with example.

Or

- (b) Explain the positive and negative shape with examples.

12. (a) Explain how repetition creates rhythm in interior design.

Or

- (b) What is classical design and explain?

13. (a) Explain the anthropometry uses in the design field.

Or

- (b) Explain in detail of the design principles with sketches.

14. (a) Illustrate the concepts of organisation in a design.

Or

- (b) Explain the various stages of design development.

15. (a) How emphasis is achieved in interior design.

Or

- (b) Account on association of nature in a design with examples.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the Gestalt theory with reference to interior design.

Or

- (b) Explain the scale and proportion with an example.
17. (a) Explain the colour scheme with illustrations.

Or

- (b) Discuss in detail of any four modern materials used in interior design.
18. (a) Explain the uses of texture in interior design.

Or

- (b) Draw a view of a kitchen and show how colour creates depth and perspective.
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Sub. Code

91932

B.Sc. DEGREE EXAMINATION, NOVEMBER 2021

Third Semester

Interior Design

INTERIOR SERVICES – I

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Acoustics?
2. Describe the sound waves.
3. What is reinforcement and give an example.
4. Define the piping system.
5. Give any four sound insulation materials.
6. What are the terms related to acoustics?
7. What is one and two way pipe system?
8. Account on types of solar heating system.
9. How do you measure the sound?
10. Write short note on caulking compounds.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the underground drainage system with necessary sketches.

Or

- (b) Explain the materials used for floor sound proofing in interior.

12. (a) Explain the noise control practice method in the buildings.

Or

- (b) Explain about the acoustic requirements for an auditorium theatres.

13. (a) Write short notes on

- (i) Bath tub (ii) Bidet.

Or

- (b) Explain how sound generated and its impact against the interior of rooms.

14. (a) Explain the important fittings and fixtures of water supply with sketches.

Or

- (b) Write short notes on

- (i) Sound frequency
(ii) Flushing cisterns.

15. (a) Explain the functions of a good water closet system.

Or

- (b) Draw and name the standard sanitary fittings.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the working method of solar water heating system with drawings.

Or

- (b) Draw a layout of a water supply system for an independent house.

17. (a) Draw a drainage layout adopted in your area.

Or

- (b) Explain and draw what are the principles to be considered while designing a theatre.

18. (a) Write short notes on

- (i) Joints
- (ii) Transmission
- (iii) Shower Panel
- (iv) Noise control

Or

- (b) What are the acoustics principles that have to be considered for multimedia recording studios?

C-1858

Sub. Code

91943

B.Sc. DEGREE EXAMINATION, NOVEMBER 2021

Fourth Semester

Interior Design

LIGHTING AND COLOURS IN INTERIORS

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is natural light?
2. Define Luminance.
3. Enlist the sources of artificial lighting.
4. Write short note on neon lamps.
5. Explain the term value in terms of colour theory.
6. What are the qualities of purple colour?
7. Expand HID lamps.
8. Write any two lighting accessories.
9. What is meant by track lighting?
10. State the impact of glare in human.

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) State the importance of day lighting in interiors.

Or

- (b) Discuss the factors that are to be considered for calculating openings for natural lighting in interiors.

12. (a) Describe the advantages and disadvantages of halogen lamps.

Or

- (b) Explain the psychological aspects of light in establishing the character of an individual.

13. (a) Does colour affect a person physically. Justify.

Or

- (b) Express analogous colour scheme with suitable drawings.

14. (a) Write the types and uses of lights in interiors.

Or

- (b) What are the lighting fixtures that you would suggest for the outdoor areas.

15. (a) Write notes on : (i) Switches (ii) Sockets.

Or

- (b) Give a brief note on florescent and sodium vapour lamps.

Part C

(3 × 10 = 30)

Answer **all** questions

16. (a) Elaborate the different types of lighting in terms of purpose and effect in interiors with suitable illustrations.

Or

- (b) Discuss the recent lighting fixtures that are available in the market with neat diagrams.

17. (a) How will you apply the principles of design in use of colours with diagrammatic representation?

Or

- (b) Explain briefly the “contrasting colour schemes”.

18. (a) Enumerate on the Prang colour system.

Or

- (b) Suggest on selecting the suitable lamps and lighting fixtures in order to perform different activities and areas.
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C-1859

Sub. Code

91944

B.Sc. DEGREE EXAMINATION, NOVEMBER 2021

Fourth Semester

Interior Design

INTERIOR SERVICES- II

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are chilled water plants?
2. Is air conditioning necessary? Justify
3. Is foam used in fire safety? If so for what purpose?
4. What is the need for heat sensitive detectors?
5. Expand ELCP.
6. What is the use of a circuit breaker?
7. Which type of wire will you use for a an air conditioner?
8. Why are different colours of wires used?
9. What is a layout?
10. What is three phase wires?

Part B**(5 × 5 = 25)**Answer **all** questions.

11. (a) What is duct layout? For which type of building is it required?

Or

- (b) Describe and explain the role of refrigerant control devices and electric motor.

12. (a) Explain automatic water sprinkler system.

Or

- (b) Discuss about the fire safety standards.

13. (a) What would you call a typical electrical layout for interiors?

Or

- (b) Explain main and distribution boards.

14. (a) Write about various wiring systems.

Or

- (b) Discuss about ISI specifications for electrical goods.

15. (a) How does fire spread in a building?

Or

- (b) Explain about compressors and air handling units.

Part C**(3 × 10 = 30)**Answer **all** questions.

16. (a) Explain about the types of air conditioners.

Or

- (b) Discuss about firefighting installation and their requirements.

17. (a) Discuss in detail the need for fire safety in an industry and how can it be achieved

Or

- (b) List and explain the protective devices in electrical installation.

18. (a) Prepare a electrical layout of a single storey building

Or

- (b) Give the working drawing of various fittings and fixtures of electrical installation for a kitchen.

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91961

B.Sc. DEGREE EXAMINATION, NOVEMBER 2021

Sixth Semester

Interior Design

INTERIOR PROJECT MANAGEMENT

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is work breakdown structure?
2. Define dummy in project management.
3. What is meant by network diagram?
4. What is the critical path method?
5. Define optimum duration.
6. List the data required for updating a project.
7. What is a histogram?
8. Define estimate.
9. What is contingency in estimating?
10. Mention the types of specification.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the human aspects of project management.

Or

- (b) What are the guidelines should be considered when creating work breakdown structure?

12. (a) What is pert analysis? Write the steps involved in pert analysis.

Or

- (b) What is cost optimization? Explain the steps in cost-time optimization.

13. (a) Differentiate between resource levelling and resource smoothing.

Or

- (b) Explain the application of computer technology in project management.

14. (a) Write a brief note on bill of quantities.

Or

- (b) Define specification. State the importance of specification in interior designing work.

15. (a) “Valuable decision making is an integral part of project management”. – Discuss.

Or

- (b) Briefly explain the different types of estimates.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What is project scheduling? Explain different techniques employed in project scheduling.

Or

- (b) Discuss the five main phases of project life cycle.

17. (a) Explain the types of costs in a typical project.

Or

- (b) Explain when to update a project and necessary data required for updating.

18. (a) What are the factors to be considered while calculating project cost?

Or

- (b) What is GST? How is GST estimated in a project?
