

C-8222

Sub. Code

91913

B.Sc. DEGREE EXAMINATION, APRIL 2023

First Semester

Interior Design

THEORY OF DESIGN

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Draw the colour wheel and name it.
2. Define line and direction.
3. Draw repetition by using lines.
4. What is tint and shade?
5. Define focal point.
6. What are the types of shape?
7. Define the importance of light.
8. Green is contrast to Red. Similarly yellow is contrast to what colour?
9. Define typography.
10. Define Space.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the Golden section with sketches.

Or

- (b) Explain the human scale application in designing.

12. (a) High light the importance of lighting in a design.

Or

- (b) Explain how colours react in an interior of an office room.

13. (a) Explain the characteristic of a water colour.

Or

- (b) Explain the colour theory and its uses in design.

14. (a) Explain the elements of design and its uses.

Or

- (b) Explain movement in a design with sketches.

15. (a) Explain how furnitures can be effectively used.

Or

- (b) Explain what is beauty and how it can be achieved in design.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain how Gestalt theory applied in design.

Or

- (b) Explain the Balance in design and its impact.

17. (a) Describe how nature associates in design to make interest.

Or

(b) Explain the design process and development in various stages.

18. (a) Explain the types of texture plays a greater role in design.

Or

(b) Explain the ways of achieving spatial transformation in a design.

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91923

B.Sc. DEGREE EXAMINATION, APRIL 2023

Second Semester

Interior Design

ELEMENTS OF INTERIOR SPACES

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are Wall plane?
2. How to create natural texture in masonry walls?
3. Give the importance of roof plane design.
4. What is the purpose of roof aperture?
5. Mention the basics of tiles.
6. What is floor covering?
7. What is the purpose of window?
8. What is ventilator?
9. What are materials used for window creation?
10. What is interior effect?

Part B

(5 × 5 = 25)

Answer **all** questions

11. (a) Describe the application of texture in walls.

Or

- (b) How to create a natural pattern in walls with suitable example?

12. (a) Explain the various roof.

Or

- (b) Explain the various types of lighting.

13. (a) Explain the features of flooring materials.

Or

- (b) Describe the floor casings.

14. (a) Describe the braced door in detail.

Or

- (b) Discuss the purpose of ventilator.

15. (a) Explain the importance of architectural effect.

Or

- (b) Briefly explain the any one roof planes with example.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the 3D wall creation with suitable example.

Or

- (b) Discuss the articulation of opening in wall planes.

17. (a) Explain the concept of creating floor ceiling.

Or

- (b) Describe the various types of flooring with suitable spaces.

18. (a) Explain the methods of creating any two windows with suitable example.

Or

- (b) Explain the components of creating interior effect in wall and floor.
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91932

B.Sc. DEGREE EXAMINATION, APRIL 2023

Third Semester

Interior Design

INTERIOR SERVICES I

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Highlight the importance of plumbing.
2. List the sizes of the drainage pipes available in market.
3. Mention sanitary fittings used in sanitation.
4. What are Caulking compounds?
5. What is plumbing studio.
6. Write about multi-storeyed building?
7. Define acoustics.
8. List the terms related to acoustics.
9. What are the acoustic materials used in theatres?
10. Write about importance acoustics in recording studio.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write about water supply in domestic building.

Or

- (b) Discuss about one and two pipe systems.

12. (a) Write about sinks and bathtubs.

Or

- (b) Write about solar water heating systems.

13. (a) Write about sanitary installations.

Or

- (b) Explain about most common tools required for plumbing.

14. (a) Explain the theory of sound generation.

Or

- (b) How sound is measured? Explain.

15. (a) Write about the need of acoustics in broadcasting studio.

Or

- (b) Write about basic principles in designing an acoustic room.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe about piping system of a multi-storeyed building.

Or

- (b) Explain about water supply arrangement of a building.

17. (a) Describe about septic tanks in relation to buildings

Or

- (b) Discuss the working drawings of various fitting of water supply.

18. (a) Explain in detail the basic principles in designing of lecture halls.

Or

- (b) Describe the factors to be considered while designing an auditorium theatre.
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91943

B.Sc. DEGREE EXAMINATION, APRIL 2023

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. Write about nature of light.
2. What is intensity in lighting?
3. List few artificial lightings?
4. What is task lighting?
5. Write about fluorescent colour scheme
6. Explain Munsell system.
7. Write about free standing fixture.
8. Write about ceiling roses.
9. List few lighting accessories.
10. Write about interior lighting.

Part B

(5 × 5 = 25)

Answer **all** questions

11. (a) Write about illumination and luminance.

Or

(b) Explain about design sky concept.

12. (a) Write about special purpose lighting.

Or

(b) Explain about halogen and neon lamps.

13. (a) Explain about complementary colour schemes.

Or

(b) Compare Munsell system and Oswald system.

14. (a) Write about fixture types.

Or

(b) Write about impact of lighting.

15. (a) Write about anyone lighting concept.

Or

(b) Differentiate between interior and exterior lighting.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss about different sources of light.

Or

(b) Explain about guidelines for lighting design.

17. (a) Describe about psychological effects of colour in interiors.

Or

(b) Discuss about effects of colour in different areas.

18. (a) Explain in detail lighting control system.

Or

(b) Discuss about lighting accessories.

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B.Sc. DEGREE EXAMINATION, APRIL 2023

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 is the importance of compressor in air conditioning?
2. Write about duct layout.
3. Mention any two fire safety standards.
4. Write about heat sensitive detectors.
5. List type of wires.
6. Write about three phase supply.
7. Explain electrical studio.
8. Mention few electrical fittings.
9. What is the need for electrical working drawings ?
10. Write about electrical layout.

Part B

(5 × 5 = 25)

Answer **all** questions

11. (a) Write about refrigerant control devices.

Or

(b) Discuss about cooling units.

12. (a) Write about smoke detectors.

Or

(b) Write about foam system.

13. (a) Explain about choice of wiring system.

Or

(b) Explain about distribution boards.

14. (a) Explain about fixtures of electrical installation for residential purpose.

Or

(b) Explain about fittings of electrical installation for residential purpose.

15. (a) Explain about fixtures of electrical installation for commercial purpose.

Or

(b) Write about fittings of electrical installation for commercial purpose.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Describe about air conditioning system for different buildings.

Or

- (b) Explain about mechanism of fire spread in building and its prevention.

17. (a) Describe about automatic water sprinkle system.

Or

- (b) Discuss about typical electrical layout for interiors.

18. (a) Explain in detail the preparation of layout for commercial building.

Or

- (b) Explain in detail the preparation of layout for residential building.
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91961

B.Sc. DEGREE EXAMINATION, APRIL 2023

Sixth Semester

Interior Design

INTERIOR PROJECT MANAGEMENT

(2018 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Any two principles of interior design.
2. Any two softwares for Interior Designing.
3. 3F's of Interior decor.
4. Expand the term PERT.
5. What is meant by CPM?
6. Construction plan
7. Two softwares for preparing estimate.
8. Qualities of a perfect interior.
9. What are the factors influencing colour in an interior?
10. Any two advantages of a bar chart.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss and list out the different elements for Interior Design.

Or

- (b) Elaborate on “Rhythm” and “Emphasis” and its significance in Project management.

12. (a) Discuss the steps involved in CPM and PERT in the project planning process.

Or

- (b) What are the factors affecting rate analysis?

13. (a) State the necessity of administrative approval and technical sanction.

Or

- (b) Discuss the importance of the usage of colours in Interior Designs.

14. (a) Mention the important points for Interior space organisation.

Or

- (b) Why is quality control necessary for a project?

15. (a) Sketch a view of typical office with the layout?

Or

- (b) What is the site plan for an interior designer?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) State the circumstances under which Revised and Supplementary Estimate is prepared.

Or

- (b) Describe the stages of an interior designing project to be undertaken.
17. (a) What is a design analysis? Discuss with suitable examples.

Or

- (b) Discuss the steps involved for planning a construction. What are the do's and don'ts?
18. (a) How should a typical bedroom layout be? Sketch a view of it.

Or

- (b) Explain the significance of space designing for an interior designer.
