

C-8560

Sub. Code

81221

B.Des. DEGREE EXAMINATION, APRIL 2023

Second Semester

Interior Design

HISTORY OF INTERIOR DESIGN

(2019 onwards)

Duration: 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Art and Craft?
2. Give the post war modernism design.
3. What are American Art and Culture?
4. Write on interior for non-European.
5. What is interior texture?
6. How colour influence the Interior Design?
7. What are elements of Interior design style?
8. List the types of space.
9. Give the feature of interior design process.
10. What is ergonomic?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain De Stijl interior design.

Or

(b) Discuss Colonial.

12. (a) Write note on Japan traditional interior design.

Or

(b) Discuss the interior architect of Islamic country.

13. (a) Explain the importance of colour in interior design of Finland.

Or

(b) Describe the Aalvar Alto architect interior.

14. (a) Elaborate traditional styles of interior.

Or

(b) Explain the important accessories in interior design of Gujarat.

15. (a) Describe the traditional design of India.

Or

(b) Give the standards for non-European tradition.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the concepts of Art and Craft movement of interior design.

Or

- (b) Discuss the Le Corbusier interior design with suitable example.

17. (a) Discuss the important considerations involved in the design of an interior of an American culture.

Or

- (b) Explain the African based interior design.

18. (a) Explain briefly regarding decoration of home in Tamilnadu with suitable example.

Or

- (b) Describe the historical style in interior design.

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B.Des. DEGREE EXAMINATION, APRIL 2023

Second Semester

Interior Design

ELEMENTS OF INTERIOR DESIGN

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is texture?
2. Give the importance of masonry wall planes.
3. What is articulation of skylight?
4. What is roof aperture?
5. What is interior colour?
6. How mosaic influence the Interior Design?
7. What is Interior design style of ventilator?
8. What are the different types of doors?
9. Highlight the interior design process of floor.
10. Highlight beam interior design.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain creation of natural pattern in masonry walls.

Or

- (b) Discuss chronic and mouldings.

12. (a) Write note on types of roofs.

Or

- (b) Discuss the interior architect material for roof.

13. (a) Explain the types of flooring pattern.

Or

- (b) Describe the various styles of floor coverings.

14. (a) Elaborate styles of doors.

Or

- (b) Explain the important material in window interior design.

15. (a) Describe the standard for manipulating false ceiling.

Or

- (b) Give the standards for traditional wall making.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the perceptions of architectural effect in wall planes.

Or

- (b) Discuss the effect of tilting vertical axis of wall planes with suitable example.

17. (a) Discuss the false ceiling types, materials and finishing.

Or

(b) Explain the types of lighting for interior design.

18. (a) Explain briefly various types of windows.

Or

(b) Explain the manipulation of floor with architectural effect in interior design.

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B.Des. DEGREE EXAMINATION, APRIL 2023

Third Semester

Interior Design

INTERIOR LANDSCAPE DESIGN

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is meant by a rock garden?
2. Write short note on water forms.
3. Write the reason for the yellowing of plant leaves.
4. Define botanical nomenclature.
5. List any two plants with a mounding form.
6. Define physical attributes of plants.
7. State the function of a sculpture in a landscape.
8. Mention the advantage of lighting in design.
9. List the factors affecting indoor plants growth.
10. What are commercial forms?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss in brief about the use of stone in landscape.

Or

- (b) Summarize the types of indoor plants.

12. (a) How does light affect plant growth? Discuss in brief.

Or

- (b) Write note on plant biology.

13. (a) Briefly discuss the application of ground covers in interior landscapes.

Or

- (b) How to manage a plant material in relation to the built environment.

14. (a) Describe the various applications of walls in landscape design.

Or

- (b) Explain design concepts related to use of lightings.

15. (a) Elaborate on the importance of sustained irrigation.

Or

- (b) Outline landscaping design parameters.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write a detailed essay on the role of flower arrangements.

Or

- (b) Explain the design concept related to use sculpture and garden furniture.
17. (a) Garden furniture can play a crucial role in establishing the character of an indoor area. Substantiate.

Or

- (b) Explain the process of selecting and managing of plant material in relation to the built environment.
18. (a) Describe the types of plants based on texture, colour, and foliage.

Or

- (b) Explain the science of maintaining and growing greenery plants.
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B.Des. DEGREE EXAMINATION, APRIL 2023

Third Semester

Interior Design

INTERIOR SERVICES – I

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is a tube well?
2. Define water supply system.
3. Explain the function of “Aati-siphon” pipe in sewer system.
4. Define sanitation.
5. Define : Activated sludge process.
6. Mention any two problems due to improper disposal of wastes.
7. List any four types of valves used in house plumbing.
8. What are the types of wires?
9. Explain the function of traps in home drainage system.
10. Mention the importance of lighting.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss on Reverse osmosis.

Or

- (b) Explain canalized water treatment.

12. (a) Write short note on:

(i) Submersible pump

(ii) Jet pump.

Or

- (b) Write note on standards of sanitary fittings.

13. (a) Explain the various systems of plumbing.

Or

- (b) Write note on water carriage system.

14. (a) Write brief note on following with sketch :

(i) Plastic pipe

(ii) Concrete pipe.

Or

- (b) Elaborate on anaerobic decomposition.

15. (a) Explain how to collect and dispose of solid wastes.

Or

- (b) Draw a flow chart explaining methodology for collection of solid waste.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Detail out the mechanism and installation of window type AC with sketches.

Or

- (b) Explain disposal methods of solid waste from a building with suitable diagram.

17. (a) What do you understand by reverberation? How do you specify reverberation time?

Or

- (b) Explain in detail the function of flush tanks with suitable example.

18. (a) List down the measure to be followed with regarding to electrical wiring and gadgets in household level.

Or

- (b) Explain the factor affecting the choice of piping systems for a building.

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B.Des. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Interior Design

FURNITURE CONSTRUCTION AND DETAILING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is a pre laminated board?
2. What is a modular kitchen?
3. Define the nomenclature of wood.
4. What is the need of Mortise joints?
5. Expand MDF.
6. How is the Grain trolley made?
7. What is Fabrication of furniture?
8. What is the measurement of a sofa set?
9. Mention the machining plans.
10. What is a dovetail joint?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Why is wood primarily used as a material for building houses?

Or

- (b) What are the different types of wood?

12. (a) How useful is plywood for making furniture?

Or

- (b) Give a detailed sketch of the construction of a cabinet kitchen.

13. (a) What are the layout techniques using plywood?

Or

- (b) What are the essential requirements for designing a modular kitchen?

14. (a) Write a note on the different furniture joinery.

Or

- (b) Elaborate the different measurement techniques for designing furniture.

15. (a) With respect to furniture making, is the European and Islamic style of architecture different.

Or

- (b) Describe the various wood based panels.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Narrate the significance of making block models using thermocol.

Or

- (b) Describe the final finishing of a cot construction.

17. (a) What are the different tools for construction of furniture?

Or

- (b) What is the relevance of building a block model of furniture?

18. (a) Note down the availability of wood products in India.

Or

- (b) Make an elaborate drawing of the construction of the dining table and chairs.

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B.Des. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Interior Design

INTERIOR SERVICES – II

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are air inlets?
2. What is the Hvac system and its functions?
3. What are the concepts in fire protection?
4. Explain about Smoke Detectors.
5. Define resonance.
6. What is echo?
7. What is building wiring systems?
8. What is sound absorption?
9. Define Artificial Intelligence.
10. What is the role of Information technology in intelligent buildings?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain about heat sensitive detectors and foam systems.

Or

- (b) Explain the terms.
- (i) reflection
 - (ii) reverberation
 - (iii) Echo of sound energy and then show graphically the nature of growth and decay of sound energy in a hall due to reverberation.

12. (a) Explain how the reverberation time of a hall is affected by

- (i) size
- (ii) nature of its wall surfaces
- (iii) Audience.

Or

- (b) What do you mean by acoustically correct hall? Or what are the conditions for good acoustics?

13. (a) Explain the term

- (i) acoustics
- (ii) coefficient of absorption.
- (iii) reverberation
- (iv) reverberation time.

Or

- (b) A classroom has dimensions $20 \times 15 \times 5$ metre square. The reverberation time is 3.5 sec. Calculate the total absorption of its surface and average absorption coefficient?

14. (a) State any five factors affecting the acoustics of the building and give at least two remedies for each.

Or

- (b) Discuss Sabine's formula.

15. (a) Elaborate the history of development of BAS.

Or

- (b) List out and explain the Indian electricity rules, relevant provisions of NBC.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What is the capacity of AC and types of AC systems? Explain.

Or

- (b) Elaborate the air distribution systems.

- (i) Dusts
- (ii) Air inlets

17. (a) Explain the terms :

- (i) Echelon effect
- (ii) Use of absorbents
- (iii) Absorption.

Or

- (b) Explain the terms :

- (i) Bel
- (ii) Phon

18. (a) What are the classification of sound and characteristics of musical sound?

Or

(b) Explain the terms :

(i) MCB cutouts

(ii) Circuits

(iii) Service wires.

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B.Des. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Interior Design

ART APPRECIATION

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is origin of art?
2. What is context?
3. List the types of arts.
4. What is texture?
5. What is line art?
6. Define modern art.
7. What is cubism?
8. What is pop art?
9. What is Hindu art?
10. Write a note on art balance.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Write about importance of art.
Or
(b) State the importance of media in art.
12. (a) What are the essentials of vocabulary of art?
Or
(b) Explain the 2D elements.
13. (a) Briefly explain Egyptian art.
Or
(b) Write short note on western art.
14. (a) Write a brief note on history of modern art.
Or
(b) Outline the features of modern art.
15. (a) Write briefly about emphasis and harmony of art.
Or
(b) Discuss about Art principle.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain in detail about fundamentals of art.
Or
(b) Explain the art elements.

17. (a) Explain 2D elements with examples.

Or

(b) Explain in detail about traditional art.

18. (a) State and importance of 20th century art.

Or

(b) Explain in detail Indian Art.

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B.Des. DEGREE EXAMINATION, APRIL 2023

Fourth Semester

Interior Design

LIGHTING AND COLOUR IN INTERIORS

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Intensity
2. How does one calculate daylight factor
3. Differentiate Uplighters and Downlighters
4. Describe Light glare.
5. Briefly explain about monochromatic colours
6. Describe colour temperature
7. Mention few lighting accessories
8. Write a note on Task lighting
9. Explain the importance of Sockets.
10. Mention a few artificial lighting concepts.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Demonstrate the top lighting concept in modern interiors.

Or

- (b) Describe and Discuss about Photometric Quantities.

12. (a) Sequence the various types of lighting categories and sources.

Or

- (b) Elaborate about Candela, Lumen and Lux.

13. (a) Comment on Munsell colour System.

Or

- (b) Discuss about Split complementary colour scheme.

14. (a) Explain in detail about types of fixtures.

Or

- (b) Review the usage of Luminaire components.

15. (a) Comment on Circadian Lighting.

Or

- (b) Why is it essential to have lighting in control?

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Compare and Contrast Day lighting and Artificial Lighting.

Or

- (b) Explain in detail about various methods to calculate artificial light.

17. (a) List out various colour schemes and explain in detail.

Or

- (b) Elaborate the requirement of artificial lighting.
18. (a) Illustrate and Explain about Light Distribution curves.

Or

- (b) Write a note on any lighting project of your choice.
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