

**Avinashalingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore-641043
Comprehensive Examination –November 2018
I Semester**

**Class: I UG
Major: Interior Design and Resource Management**

**Time: 3Hrs
Max marks: 100**

18BIDC02-Colour and lighting

Part – A

10x1=10

Answer the following in 400 words or two pages

1. The physicist is the person who works with
 - a. sensation of colours
 - b. artificial colouring
 - c. significance of colour
 - d. chemistry of colors
2. The intensity as colour describes
 - a. hue
 - b. shade
 - c. chroma
 - d. tint
3. The value that obtain lighter colour is called?
 - a. Tint
 - b. shade
 - c. chroma
 - d. intensity
4. What is the adjacent colour of red in physicist theory?
 - a. yellow
 - b. blue
 - c. red-violet
 - d. green
5. What is the physiological symbolism of purple colour?
 - a. mourning
 - b. mystery
 - c. joy
 - d. Heaven
6. What is the unit used to measure lighting?
 - a. watt
 - b. foot candles
 - c. Sq.m
 - d. kilowatt-hour
7. The unit used to describe wavelength is
 - a. Kelvin
 - b. Angstorm
 - c. Decibel
 - d. Joule
8. Which one of the following denote general lighting?
 - a. Fluroscent light
 - b. sunlight
 - c. clear bulbs
 - d. led lights
9. Mention the foot-candle recommended for the kitchen activities
 - a. 50-70
 - b.30-50
 - c. 10-30
 - d. 70-30
10. A light which is used to highlight an art object is called
 - a. Ambient
 - b. Cornice
 - c. Task
 - d. Recessed

Part – B

5x6=30

Answer the following in 400 words or two pages

11. a. Illustrate Nunsell colour system with diagram and explain
(or)
11. b . Explain the sources of lighting
12. a. Describe the types of general lightings.
(or)
12. b. Mention the importance of lighting in Interior design
13. a. Explain different types of architectural lighting in detail.
(or)
13. b. How will you measure lighting and mention it's various foot-candles for residence areas.
14. a. State the ideal requirement for good lightings.
(or)
14. b. Explain about the recent trends in lightings in home interior.
15. a. Give a brief note on the emotional effects of colour.
(or)
15. b. How will you plan lighting for office interiors.

Part – C

5x12=60

Answer the following in 800 words or Four pages

16. a. Mention the light requirement for various rooms in a residence.
(or)
16. b. Elaborate the accessories used for lightings
17. a. Plan a colour scheme for a teenage bedroom and explain its psychological effects.
(or)
17. b. Explain about the trendy materials used in lighting and lighting fixtures
18. a. Discuss on psychological aspects of colour in interiors
(or)
18. b. Discuss on advantages and disadvantages of artificial lightings.
19. a. Explain the contrasting colour harmonies in detail.
(or)
19. b. Discuss 'value' in colour and also explain its implication.
20. a. Discuss about the colour scheme and lightings used in restaurants.
(or)
20. b. Explain the types of artificial lighting used in interiors.
