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Register Number:

5530

Name of the Candidate:

B.Sc. DEGREE EXAMINATION, May 2015

(INTERIOR DESIGN)

(SECOND YEAR)

209: LIGHTING TECHNOLOGY AND APPLICATIONS

(Old Regulation)

Time: Three hours

Maximum: 60 marks

SECTION-A

(5×2=10)

Answer ALL questions

1. _____ were an early form of light fixture.
2. _____-lighting is mainly used for decorative purpose.
3. Visible light output is typically measured in_____
4. A light suspended from the ceiling with a chain or pipe is called _____
5. _____provides a controlled current to the lamps.

SECTION-B

(4×5=20)

Answer any FOUR questions

6. Write the advantages and disadvantages of Incandescent lamp.
7. Compare electromagnetic –ballasts and electronic ballasts.
8. Describe the Lumen method for day light.
9. Explain the term Glare and mention its limitation in lighting.
10. Draw the electrical layout for a star hotel reception and lungs.
11. Write the lighting system provided for a residential building.

SECTION-C

(3×10=30)

Answer any THREE questions

12. Explain the term Luminaires and list out the different types of Luminaires.
13. Discuss about pendant lights and wall lights.
14. Explain the different types of lighting with examples.
15. What are the most common kinds of light fixture and what are the difference between them.

16. How to integrate interior design and lighting design?
17. Write short notes on
 - a) Dimness
 - b) Tungsten Halogen
 - c) Illumination
 - d) Task lighting
