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Register Number:

Name of the Candidate:

B.Sc. DEGREE EXAMINATION December 2014

(INTERIOR DESIGN)

(SECOND YEAR)

209. LIGHTING TECHNOLOGY AND APPLICATIONS

(Old Regulation)

Time: Three hours

Maximum: 60 marks

SECTION – A

(5×2=10)

I. Fill in the blanks:

1. Luminous emitttance is also known as_____
2. _____is the medium that makes visual perception.
3. ____lamps are designed to emit a great deal of light.
4. Visual performance generally improves when the _____level is increased.
5. An important property of light fixture is the _____

SECTION – B

(4×5 =20)

Answer any FOUR questions

6. Explain about color rendering index.
7. State the advantages and disadvantages of LED lighting (light emitting diodes)
8. How would you choice luminaire type?
9. Write a note on Accent fixtures.
10. Explain lighting provided in Reception.
11. Explain the lighting concept in residential buildings.

SECTION – C

(3×10 =30)

Answer any THREE questions

12. Discuss the effect of different kinds of lighting.
13. Describe the impact of light with colour.
14. Discuss the physical factors which determine the visibility of an objects.
15. Explain the lighting arrangements for an office building.
16. Explain the classification of light fixtures in detail.
17. Write short notes on:
 - i) Ballast
 - ii)Fluorescent lamp
