

B.I.D. (Sem.-IV) Examination  
406 AR Lighting Design  
May-2017

[Max. Marks : 50]

Time : 2 Hours]

Instruction:

1. Assume suitable data if necessary.
2. Neat proportionate sketches are necessary to explain theories.
3. Figures to the right indicate full marks.

- Q-1 Explain the following: **(Any Five)** (05)
- Candela
  - Lighting
  - Lumen
  - Lux
  - Reflectance
  - Illustration
  - Standard graphical notations for preparing electric layout.
- Q-2 Design and explain which type of lighting will be used in following space using furniture layout, ceiling layout, and electrical layout with legends. **(Any One)** (25)
- A room of 30' x 20' x 10' is in an open space of 60'x 60'.  
opening: 3' x 7'
- Art gallery
  - Café
  - Residence(1bhk)
  - Garment store
- Q-3 (a) What is the electric source of energy and its type With Sketches? (10)
- OR**
- (b) What are the principles of lighting, Explain it with diagram?
- Q-4 (a) Explain with sketches the exploration of day lighting with the opening sizes and placements. (10)
- OR**
- (b) Lighting as a Design Element in Interior Spaces.