

AR – 2498

Eighth Semester B. Arch. Examination

ARCHITECTURAL ILLUMINATION

8 SA 7

P. Pages : 2

Time : Two Hours]

[Max. Marks : 40

- Note :** (1) Due credit will be given to neatness and adequate dimensions.
(2) Assume suitable data wherever necessary.
(3) Diagrams and Chemical equations should be given wherever necessary.
(4) Retain the construction lines.
(5) Illustrate your answer wherever necessary with the help of neat sketches.
(6) Use pen of Blue/Black ink/refill only for writing the answer book.

1. (a) Explain the characteristics comparison of various Light Sources. 7
- (b) Distinguish between Fluorescent Lamp and Mercury Lamps with respect to Rejection, Transmission and Distribution. 7

OR

2. (i) Describe the integrated methods of Lighting with installation and Light distribution. 8
 - (ii) Describe Lighting as a building element. 6
3. Answer any **Two** of the following :—
 - (a) Explain various types of Lighting methods used for Residential Bungalow. 7
 - (b) Explain various types of Lighting methods used for Auditoriums and Cinema Halls. 7
 - (c) Various types of Luminaries and general considerations while designing Luminaries. 7
 - (d) Day Lighting, Day Lighting factor, its advantages and disadvantages. 7

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4. Write short notes on (any **Three**) :—

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|-------------------------------|---|
| (a) Lumen Method. | 4 |
| (b) Flood Lighting. | 4 |
| (c) Low-Pressure Sodium Lamp. | 4 |
| (d) Suspended Lighting. | 4 |
| (e) Dis-comfort Glare. | 4 |

