



MCQ-001-005502 Seat No. _____

Third Year B. A. (ID) (Sem. V) (CBCS) Examination

May / June - 2018

Building Science - III

(Light)

Faculty Code : 001

Subject Code : 005502

Time : 2 Hours]

[Total Marks : 50

- Instructions :** (1) All questions are compulsory.
(2) Any ambiguity will be considered as a wrong answer.

- 1 Explain : (Any Five) 10**
- (1) Reflected Glare
 - (2) Spread of light
 - (3) ERC
 - (4) Atrium Space
 - (5) Lux
 - (6) Skylight
 - (7) North Light
- 2 Answer the following questions in brief : (Any Four) 40**
- (1) Strategies to improve internal reflected component for office of depth 8 - 9 meters having source of daylight only from one wall.
 - (2) Which are the factors affect the overall transmission of daylight through window in a showroom located on a dusty street ? How ?
 - (3) What is the Change in daylight penetration due to change in the sill height and lintel height.

- (4) Suggestions/Strategies for improving daylight inside your class room with details (see that no direct sunlight enters the room).
 - (5) Explain all possible steps to reduce glare because of bright opening located on the west side wall.
 - (6) Compare all four directions on the basis of quality of natural light and importance of north light.
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