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AR – 2495

Eighth Semester B. Arch. Examination

ADVANCED SERVICES

8 SA 4

P. Pages : 2

Time : Two Hours] [Max. Marks : 40

Note : (1) All questions carry marks as stated.
(2) Answer **Three** Questions.
(3) Q. No. **Three** is compulsory.
(4) Due credit will be given to neatness and adequate dimensions.
(5) Assume suitable data wherever necessary.
(6) Retain the construction lines.
(7) Illustrate your answer wherever necessary with the help of neat sketches.
(8) Use pen of Blue/Black ink/refill only for writing the answer book.

1. (a) Describe the term 'Air conditioning' and state the importance of it.

(b) Describe the factors affecting Ventilation. 13

OR

2. (a) Describe with neat sketches 'Lifts', their types and uses.

(b) Explain 'how electrical supply from power house to individual building is done'. 13

3. Describe with neat sketches any **Three** :—

(i) Solar energy and its importance in building.

(ii) Service floor.

(iii) Escalators.

(iv) Flyovers. 14

4. (a) Explain in detail 'Plumbing in Highrise building'.

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(b) Explain the term 'Precautions against fires and fire detection system in high rise buildings'. 13

OR

5. (a) Explain the term :—

(i) Lightning conductor.

(ii) Gobar gas plant and its working.

(b) Describe special lighting on stage of a Theatre. 13

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