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Total No. of Pages : 03

Total No. of Questions : 01

B.Arch. (Sem.-6)

ARCHITECTURAL DESIGN – VI (Continue Next Day)

Subject Code : AR-322

Paper ID : [A0932]

Time :12 Hrs.

Max. Marks : 100

INSTRUCTIONS TO CANDIDATES :

1. You are required to submit the preliminary sketch design at the end of the first day of the examination, which will not be returned. However, a copy of the same may be retained for your reference.
2. No major changes from preliminary design to the final design are allowed.
3. Requirements which are not given in problem may be calculated by student.
4. Assume any missing data and mention the same.

HOUSING COMPLEX FOR CENTRAL GOVERNMENT EMPLOYEE

A piece of land measuring 60 M × 100 M has been earmarked for construction of 20 Nos flats for officers of Central Government Employees, on the outskirts of Delhi by Central Government Employee welfare housing organization.

You are an Architect, have been commissioned to evolve the design for the same as housing complex, not exceeding five storeys. The super area of one Flat has been reserved as 175 Sq.m with following requirements :

- | | |
|--------------------------------------|--------|
| 1. Living cum dining Area | -1 Nos |
| 2. Bed Rooms (with attached toilets) | -2 Nos |
| 3. Study Room with wash room | -1 Nos |
| 4. Store /Puja Room | -1 Nos |
| 5. Kitchen and washing area | -1 Nos |

- | | |
|--|--------------------------|
| 6. Balconies /Terraces (of suitable sizes) | - 2 Nos |
| 7. Parking | - 2 cars per flat |
| 8. Visitor parking | -10 Nos |
| 9. Services (lifts and staircase) | -As per standard |
| 10. Sentry post | -At each Gate of Complex |

Building Rules and Regulation :

1. Max Ground Coverage - 30 %
2. F.A.R -1
3. Set Back 10 m on all sides.
4. Max permissible height -18 m

Drawing required :

- a. Site Plan.
- b. All Floor Plans.
- c. Detailed Plan of one typical flat.
- d. One Elevation and one section.
- e. Basement Plan or stilt plan if any.

