



DU – 218

VII Semester B.Architecture Degree Examination, Dec. 2017/Jan. 2018
(Semester Scheme)

AR-14-701 : ARCHITECTURAL DESIGN – VII

Time : 6+6 = 12 Hours

Max. Marks : 200

- Instructions:**
- 1) *At the end of first sitting of **6 hours**, the candidate shall submit **single line** plans and Sections to the same scale as the final drawings. This shall not be returned to the candidates.*
 - 2) *The candidate shall **retain a copy** of all the **submitted** drawings as necessary to continue the drawing work on the following sitting.*
 - 3) *No **major deviations** from the conceptual design will be allowed in the final design.*
 - 4) *The candidate shall not remove his/her work outside the examination hall.*
 - 5) *The data not given may be **assumed**.*
 - 6) *At the end of final sitting, the candidate shall submit the drawings in tracing sheets.*

Apartment :

A builder group intends to build an apartment comprising of one bed, two bed and three bed unit design the apartment with following requirements.

1. Single bed unit

- * Hall cum Dining – 20 m²
- * Bed room + Toilet – 15 m²
- * Kitchen
- * Utility

2. Double bed unit

- * Hall cum dining – 22 m²
- * Bedrooms – 2 No. + Toilet – 18 m² each
- * Kitchen
- * Utility

P.T.O.



3. Three bed unit :

Hall cum dining – 25 m²

Master bed + Toilet – 25 m²

Two bedroom + Toilet – 18 m² each

Kitchen

Store

Pooja

Utility

Proposed site measure 25 m × 40 m one of the shorter side faces North side by road.

Provide set back of 4.5 m on all sides.

Design the apartment considering

- a) Basement parking
- b) Ground + Three floors

Drawings required :

- 1) Site plan – 1 : 500
- 2) All floor plans – 1 : 100
- 3) Two sections – 1 : 100
- 4) Two elevations – 1 : 100
- 5) One view

Consider any missing data suitably.
