

CS/B.ARCH/SEM-1/ARCH-107/2012-13

2012

ARCHITECTURAL DESIGN-I

Time Allotted : 3 Hours

Full Marks : 70

*The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words
as far as practicable.*

Answer *all* questions.

Beside, answer script, you may use butter sheets (max. 2 nos.)
and an imperial size cartridge sheet (max. 2 nos.)

1. Draw any number of squares of size 2 cm 2 cm within a 15 cm 15 cm space and colour them to show rhythm and balance. 10

2. Design an optimum kitchen and a dining space for 2 people providing adequate storage and circulation space and explain the volume through a plan and at least two sections in 1 : 20 scale. The floor height is 3 cm. 25

3. A guard's room is meant for interaction with an recording information of every visitor. Guards almost spend 24X7 hours there in shifts. During off hours these places also act as their resting place.
 - i) Design a Guard's room at the main entrance adjacent to the Gate of your college campus. The carpet area of the room and height of the structure should not exceed 10 sq.m. and 3.0 m respectively. 15

 - ii) Prepare dimensioned and labelled drawings in 1 : 20 scale of the following : 4X5
 - a) Site plan (room's location with respect to the entrance gate)

 - b) Plans (Ground floor, roof plan)

 - c) Elevations

 - d) Sections.