



- 3** An owner of a land having a plot of 18 m x 20 m size at 7.5 m wide road in front of sea shore (sea shore is in south direction) wants to construct a bungalow. Plan the building using principles of planning and considering bye-laws. Planning should be done in such a way that in future he can construct one more floor on it.
- (i) Draw ground floor plan **12**
- (ii) Draw elevation and prepare schedule of opening. **9**

**OR**

- (ii) Draw section passing through stair and kitchen. **6**
- (iii) Draw furniture layout for kitchen and bed room. **6**
- (iv) Work out F.S.I. **3**

**SECTION - II**

- 4** Prepare a plan for a nursing home of 30 beds and justify your planning. **13**

**OR**

- 4** Prepare a school building for 200 students and justify your planning. Assume suitable data. **13**
- 5** Draw the perspective view of a single room building of size 5 m x 3 m when station point is 8000 mm from picture plane, height of eye level is 1500 mm from G.L. Total height of room is 3000 mm. **13**
- 6** Attempt any **four** : **24**
- (i) Satellite Town
- (ii) Elements of city planning
- (iii) Necessity of town planning
- (iv) Civic surveys
- (v) Master plan