QP Code : 31204

(4 Hours)   (Total Marks: 80)

(1) Question No **1** is **compulsory.**
(2) Attempt any three questions out of remaining questions.
(3) Assume suitable data wherever required.
(4) Figures to the **right** indicate **full** marks.

Q.1) It is proposed to construct a Post Office building in a town. The building is (G+1)
R.C.C framed building. Following are the dimensional requirements of various units.
Entrance & moving front space ----- 30m^2.
Public Counters ----------------------- Height 1.6m.-1.8m & Width 0.7m. - 0.9m
Post Master's room -------------------- 12m^2
Working area for staff ---------------- 28m2
Post sorting room -------------------- 30m^2
Treasury room ----------------------- 12m2
Staff rooms (male/female) --------- 12m^2 (each)
Provide Water room, sanitary units, doors & windows, stair etc. of suitable sizes.
   Draw a) Developed plan of ground floor.   ---- 15 M.
          b) Line plan of first floor.   ---- 05 M.

Q.2) Draw sectional view of the building planned in Q.No.1.   ---- 20 M.

Q.3) a) Draw foundation plan of the building planned in Q.No.1   -----10M.
     b) Draw site plan of the building planned in Q.No.1   -----10M.

Q.4) Draw Two point perspective with the following details:-   ---- 20M.
     1) Size of Hall = 13 x 10m.
     2) Wall height (including parapet) = 4.2 m.
     3) Plinth Height= 0.6m.
      Assume appropriate eye level.
      Also assume suitable location & sizes of door, windows &entrance steps.

Q.5) a) what is slum clearance? Explain the methods of slum clearance.   ------10M.
     b) What is town planning? Why it is necessary? Explain.   -----06M.
     c) Define, "Master Plan. Explain how it is prepared?   -----04M.

Q.6) Write Notes on followings (Any four)   -----20M.
     a) Green belt.   b) Zoning.
     c) Built Environment.   d) Massing & composition.
     e) Green building.