

T.E. Civil V - CBGS

BDD - II

02.6.2016

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.
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|-------------------------------|-------|---|--|
| 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 | ----- | 28m ² | |
| Post sorting room | ----- | 30m ² | |
| Treasury room | ----- | 12m ² | |
| 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.
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|-----------------------|---------------------------|
| a) Green belt. | b) Zoning. |
| c) Built Environment. | d) Massing & composition. |
| e) Green building. | |

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