

GANPAT UNIVERSITY**B. TECH SEM- 3rd Semester(Civil) REGULAR EXAMINATION- NOV-DEC 2016****2CI 304: Building Planning And Design****TIME: 3 HRS****TOTAL MARKS: 60****Instructions:** (1) This Question paper has two sections. Attempt each section in separate answer book.

(2) Figures on right indicate marks.

(3) Be precise and to the point in answering the descriptive questions.

SECTION: I**Q.1 (A) Define Following Term (Any Five) (5)**

(a) Plinth Height (b) Eye Point (c) Carpet Area (d) Angle of Vision (e) Set back Line

(f) Damp Proof Course

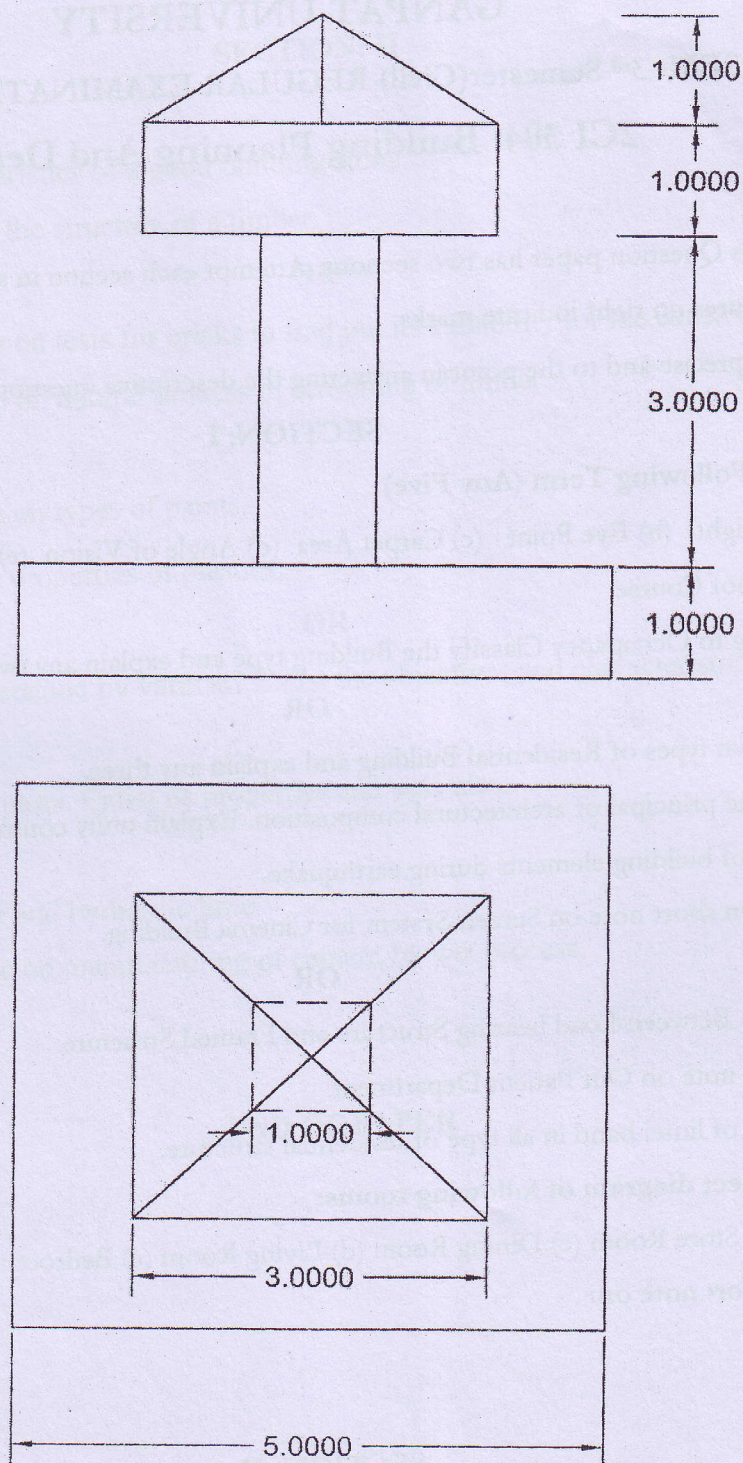
(B) According to Occupancy Classify the Building type and explain any two. (5)**OR****Q. 1 (A) Write down types of Residential Building and explain any three. (5)****(B) List out the principal of architectural composition. Explain unity contrast proportion. (5)****Q.2 (A) Behavior of building elements during earthquake. (5)****(B) Write down short note on Screen System for Cinema Building. (5)****OR****Q.2 (A) Difference Between Load bearing Structure and Framed Structure. (3)****(B) Write short note on Out Patient Department. (2)****(C) Advantage of lintel band in all type of residential structure. (5)****Q.3 (A) Draw Aspect diagram of following rooms: (5)**

(a) Kitchen (b) Store Room (c) Dining Room (d) Living Room (e) Bedroom.

(B) Write a short note on:**(a) Privacy (3)****(b) Grouping (2)****SECTION: II****Q.4 Draw the Plan, Elevation and Section for a residential unit approximate area is 1125 sq.ft which (20)**
having drawing room, 2 Bedroom with attach, kitchen cum dining room, 1 guest room and 1 study room etc. as per building bye laws. (Assume data should be written along with the answer)**OR****Q.4 Draw the Plan and Elevation for a Commercial unit approximate area is 1125 sq.m which having (20)**
minimum 60% Parking / open space. as per building bye laws. (Assume data should be written along with the answer)

Q.5 Draw Perspective Drawing of Fig. below (View Point Height is 2 cm, all dimension are in cm)

(10)



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