

**MANIPAL UNIVERSITY****SECOND SEMESTER B. DES. (ID)/B.A. (ID) DEGREE EXAMINATION – JULY 2017****SUBJECT: BID 104 – GRAPHICS FOR INTERIORS – 3 DIMENSION**

Wednesday, July 12, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 50

✍ Question no-1 is compulsory.

✍ Answer any **THREE** from remaining four questions.

1. Draw one point perspective view of Kitchen. As shown in the FIG (Q1)  
P.P to observer is 7cm, ground line to horizon line at eyelevel I,e 4.5cm. Draw the view.  
**SCALE 1:25. ALL THE DIMENSIONS ARE IN CM**  
**(Do not erase the construction lines, Assume suitable data).**  
(20 marks)
2. A square prism of side 30mm and height 65mm lying on its base on HP, 15 mm in front of VP is cut by a section plane which is perpendicular to VP and inclined at 30° to HP. The section plane is passing through the mid height of the axis of the prism.  
(3+3+4 = 10 marks)
3. A square pyramid of 40 mm sides of base and height 60 mm rests with its base on HP with one of the edges of the base parallel to VP. Draw the development of the pyramid.  
(2+2+6 = 10 marks)
4. Draft the plan, section, 2 elevations and isometric view of the Boutique sofa from the given FIG (Q4).  
(2+2+2+4 = 10 marks)
5. A pentagonal pyramid, side of base 30 mm and height 60 mm, stands with its base on H.P and an edge of the base is parallel to V.P. It is cut by a plane perpendicular to V.P, inclined at 40 degree to H.P and passing through a point on the axis, 32 mm above the base. Draw the sectional top view and develop the lateral surface of the truncated pyramid.  
(2+2+2+4 = 10 marks)

FIG (Q1)

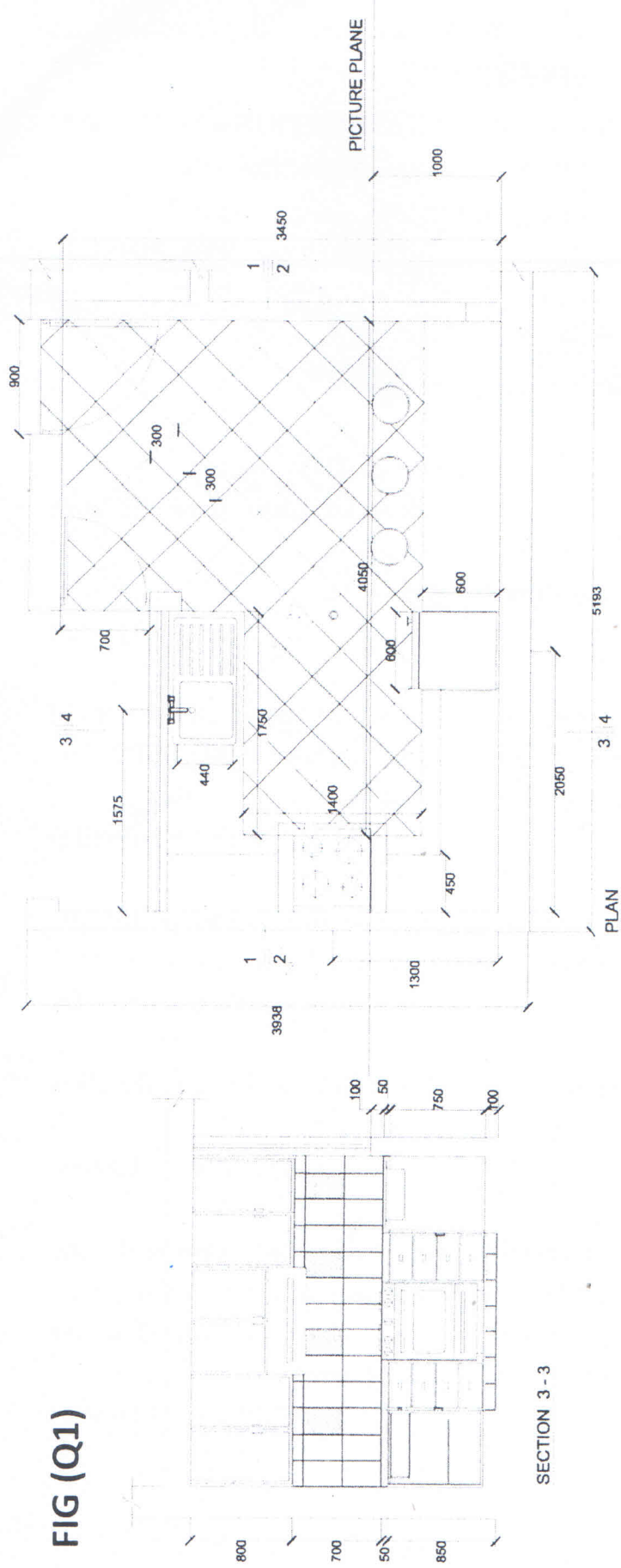
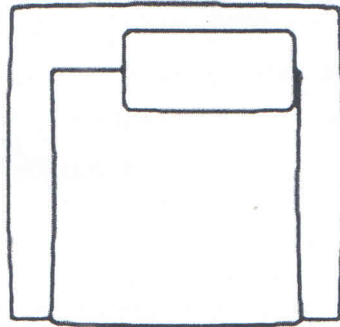


FIG (Q4)

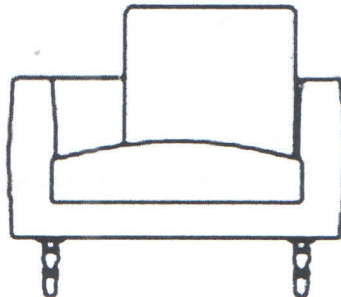
## Boutique Sofa

86cm | 33.9"

---



86cm | 33.9"



40cm | 15.7"

