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Question Paper Code : AR 8121

B.Arch. DEGREE EXAMINATION, 2017

First Semester

AR 8121 – ARCHITECTURAL DRAWING – I
(Regulations 2017)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A(10×2=20 Marks)

1. Draw a line of length 65 mm into 4 equal parts using compass.
2. Define a polygon and name any four.
3. What are the different conic sections that can be derived when a cone is cut by a plane at different angles ?
4. Draw the plan and elevation of a point P 30 mm in front of V.P. and 40 mm below H.P.
5. Differentiate between a paraline and a perspective drawing.
6. Draw the isometric view of a solid with the shape of alphabet H.
7. Draw the plan and elevation of the frustum of a square pyramid resting on its base of side 60 mm and frustum height 40 mm.
8. What is the representation of the following materials in section :
 - i) brick
 - ii) concrete.
9. What is the importance of measured drawing in building documentation ?
10. How would you measure the diameter of a circular column of a building ?

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