

4. A rectangular block of size (4 cm(w) × 6 cm(l) × 12 cm(h) is attached to another rectangular block of size 12 cm(w) × 4 cm(l) and 6 cm(h) by its shorter side forming a I shaped pattern in plan. Another triangular block of size 4 cm × 4 cm × 4 cm is attached to the bigger block on its shorted side, keeping the slanting face on top.

Draw and render the following :

- |                         |    |
|-------------------------|----|
| i) Plan                 | 5  |
| ii) Elevation           | 10 |
| iii) A perspective view | 30 |

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### FIRST ARCH. PART–I EXAMINATION, 2008

(2nd Semester)

### ARCHITECTURAL GRAPHICS

Time : Three Hours

Full Marks : 100

Answer for 100 marks.

1. The base of an isosceles triangle lying in spoke is perpendicular to the vertical plane and parallel to H.P. The nearer point is at a distance of 3 cm from V.P. The apex now makes an angle of 45° with H.P. The base is 4 cm long and the sides are 10 cm long. Draw the projections. 15
2. A circular plane of diameter 10 cm. is placed at a distance of 3 cm above HP. and parallel to AP. The plane now makes an angle of 45° w.r.t HP, the position of the opposite point remaining save. Draw the projections 15
3. Draw the axonometric/isometric view of the following : 15  
A cube (6 cm × 6 cm × 6 cm) is placed on a square base (10 cm × 10 cm × 2 cm) diagonally and centrally. A hexagonal pyramid of side 1 cm abd height 3 cm is placed in an invested manner centrally on the cube. 25

[ TURN OVER ]