0305E301

Candidate's Seat No:

B.Arch. (Sem.-I) Examination AR 106 Geometry-I

Time: 2 Hours]

Geometry-l May-2017

[Max. Marks: 50

Instructions:

- (1) Theory and write up to be supported with neat sketches
- (2) All questions are mandatory

Q.1 Match the following.

(10)



Tetrahedron



Dodecahedron



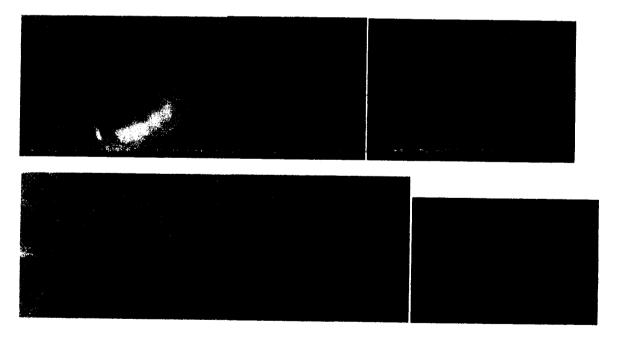
Icosahedron



Cube

- 1. 8 vertices, 12 edges and 6 faces
- 2. 20 vertices, 30 edges and 12 faces
- 3. 12 vertices, 30 edges and 20 faces
- 4. 4 vertices, 6 edges and 4 faces

Q-2. Identify and sketch out through a line diagram and answer it in single word- the principle geometry in the images of the following natural elements; (any 20) (40)



(PT.0)

E 301-2

