

## Instructions

1. Attempt Q1-Q3 on A3 Sheet
2. Attempt Q4 on the Question paper.
3. Only one A3 sheet will be provided. Choose the scale appropriately.
4. Draw the title block and margin on A3 sheet.
5. Write your Name, Entry number and Group Number with Pen.

Q1. Draw the orthographic views of the given Fig.1 in 1st angle of projection. Use unidirectional dimensioning system.

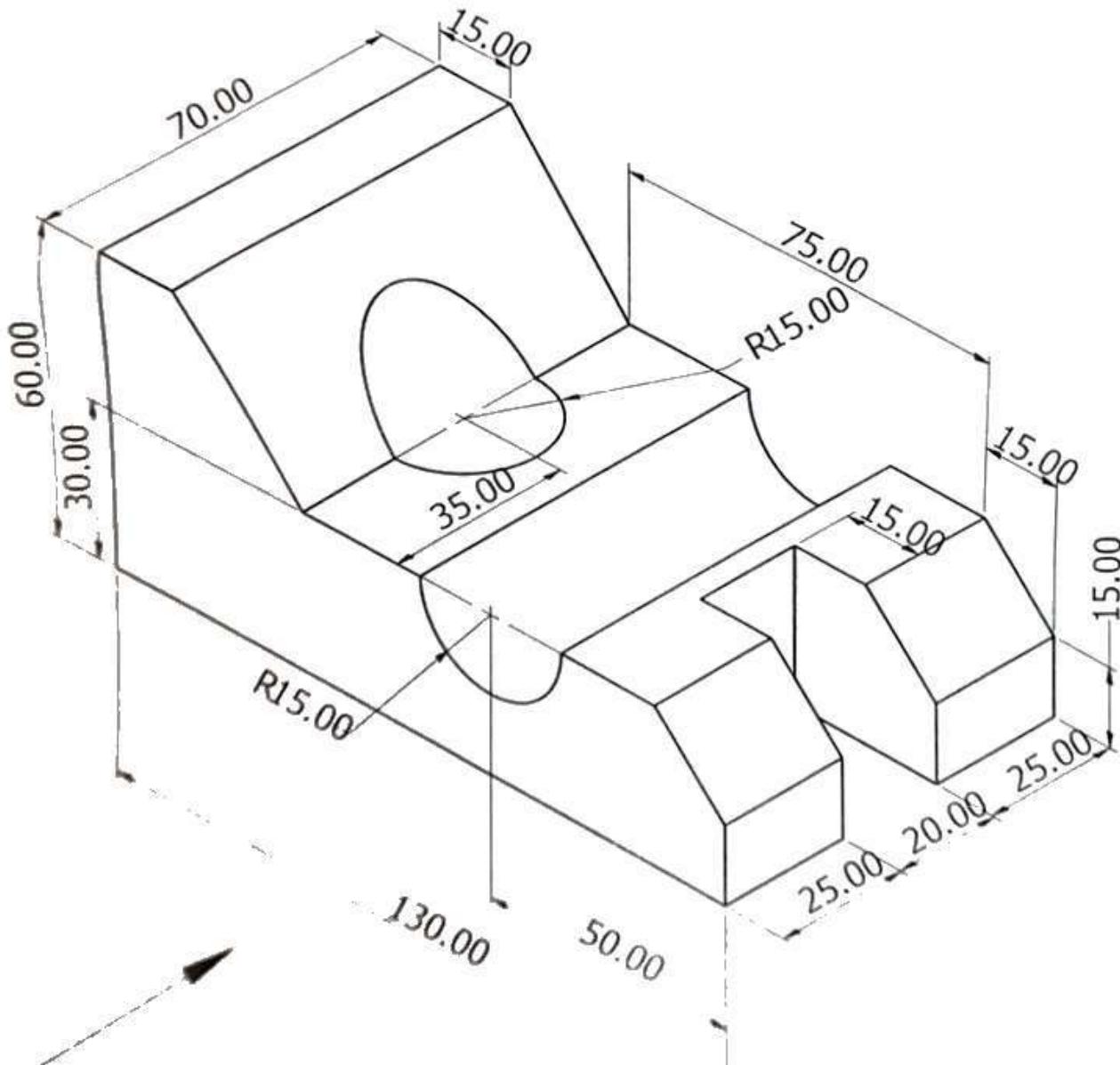
Front View

Top View

Right Side View

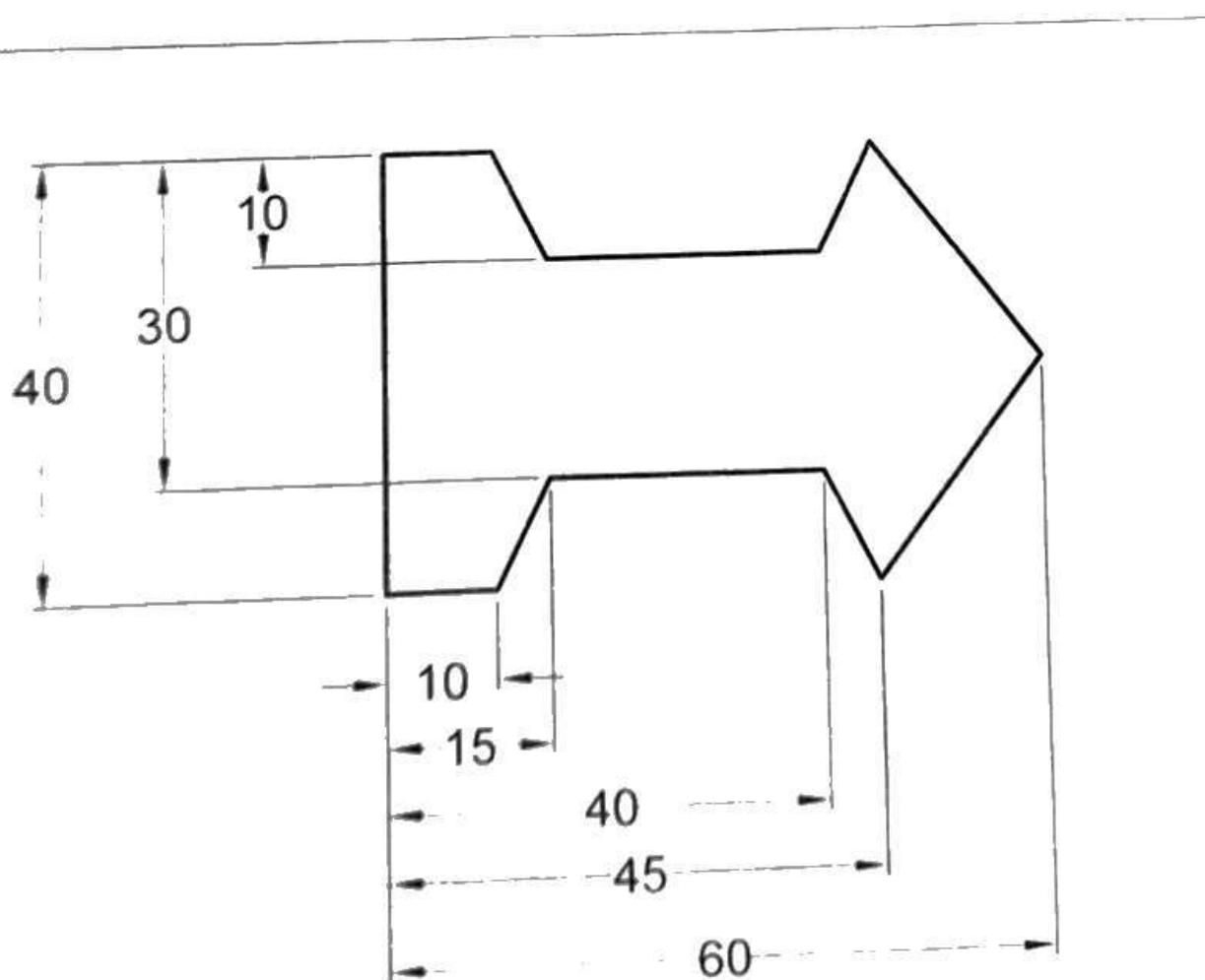
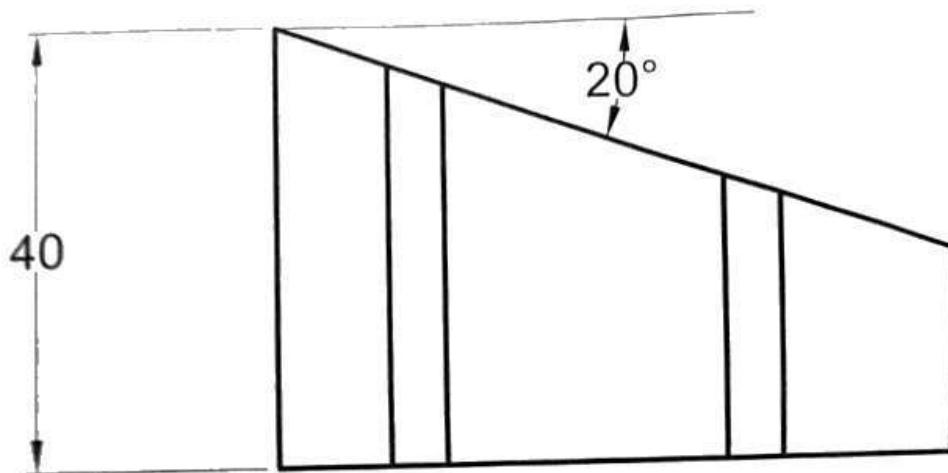
Consider the hole as throughout the body.

[30 Marks]



**FIG. 1**

Q2. Draw the development of an object whose projections are shown in Fig.2 . Develop about the shortest vertical edge. [30 Marks]



**FIG. 2**

Q3. An oblique pentagon pyramid with cutting plane is shown in Fig.3. Draw the following:

- (1) Section Top View
- (2) Section Side View
- (3) Auxiliary View to see the true shape of the cut-section.

[30 Marks]

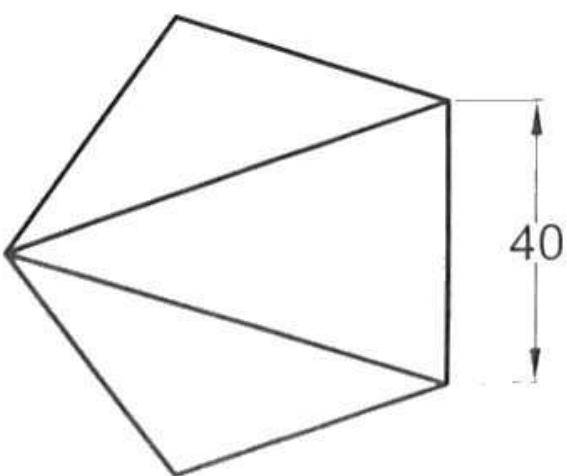
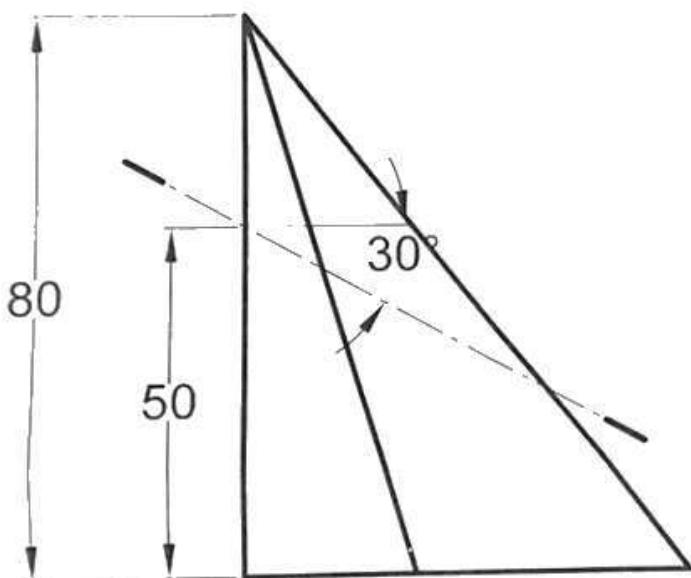


FIG. 3

Name:- VIDEEP KHOT Entry No:- 2023AM10940 Group No:- 26

Q4. Locate the intersection point of line PQ with plane ABC.

[30 Marks]

[Solve this on the space provided]



R IS POINT OF INTERSECTION

