Dec./2007

Marks :- 100   The exampapers.com   Time :-3 Hours

Answer to this paper must be written on the paper provided separately.
You will NOT be allowed to write during the first 15 minutes.
This time is to be spent in reading the question paper.
The time given at head of this paper is the time allowed for writing the answers.
All dimensions are in mm.
The intended marks for questions, or parts of questions, are given in brackets

Attempt any Three questions from Section A and Two from Section B.

Section A (48 Marks)

Question 1:- A) Construct a scale to read up to 3.5 meters, when in a drawing
a line measuring 90 mm was dimensioned 2.25 meters. Show 2.25 mts.   (08)

B) Draw the projection of line AB & Determine its inclination with
H.P. & V.P. Also find its true length, When the distance between
the end point projectors of a line AB is 45. The end point A is 15 mm
above H.P. & 25 mm in front of V.P.   (08)

Question 2:- Copy full size Isometric Drawing of a Tension Bracket. (Fig No. :- 06)   (16)

Question 3:- Convert the given orthographic views in to Oblique. (Fig No. :- 05)   (16)

Question 4:- A) Construct Parabola, when Height and Base are 125, 75 mm. respectively.   (08)
B) Draw Heptagon with any method, Length of a side is 45 mm.   (08)

Question 5:- Draw the True shape and Auxiliary view of a cylinder. (Fig No. :- 04)   (16)

Section B (52 Marks)

Question 6:- Develop a Truncated Cone (Fig No.:- 03)   (26)

Question 7:- Copy the given views and draw a Front view in section
In 1:1 scale in Third angle. (Fig. No. :- 02)   (26)

Question 8:- Convert the given orthographic views in to isometric. (Fig No. :- 01)   (26)
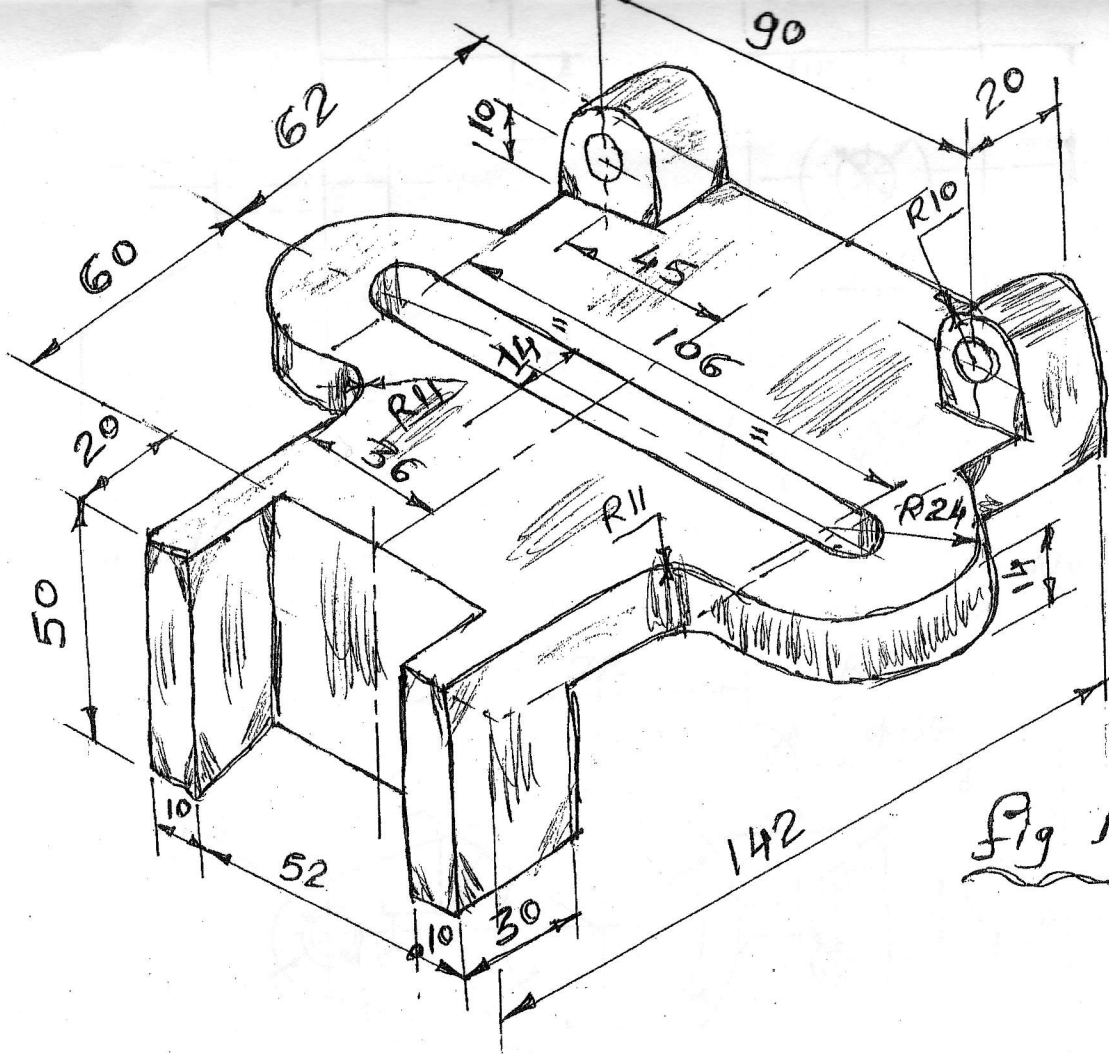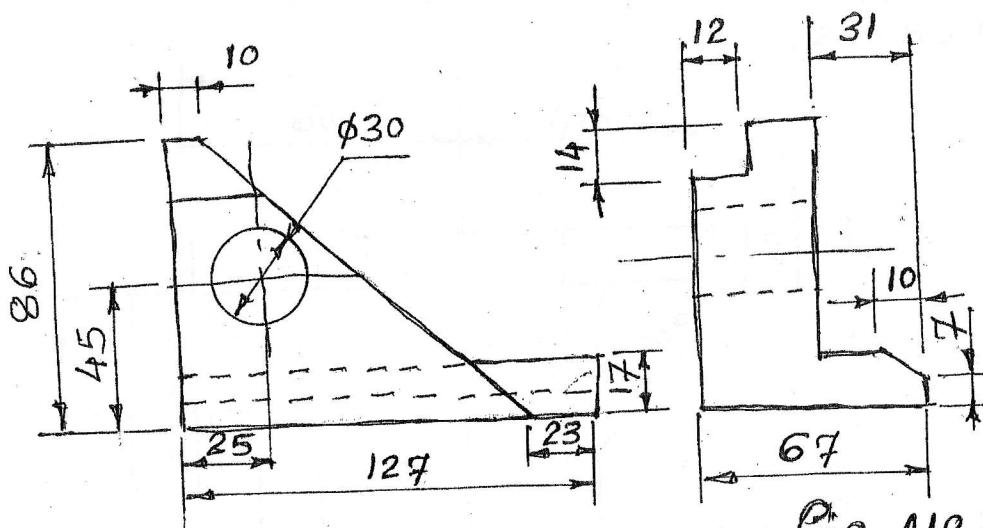
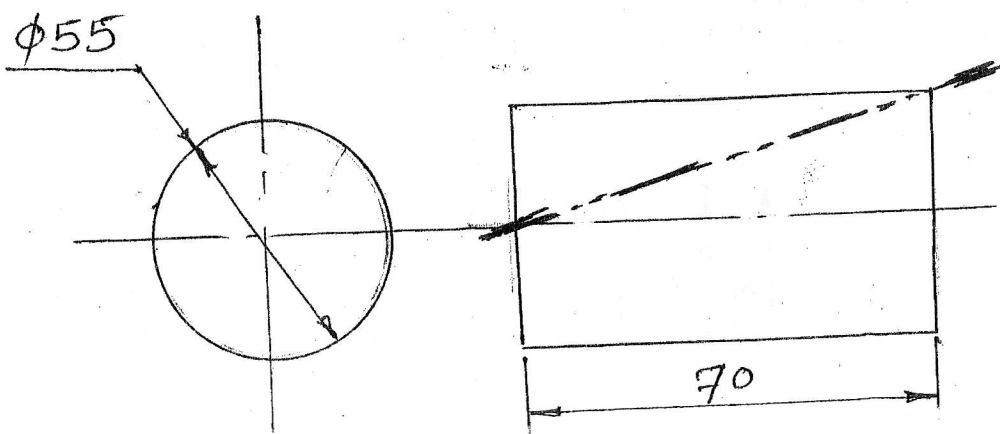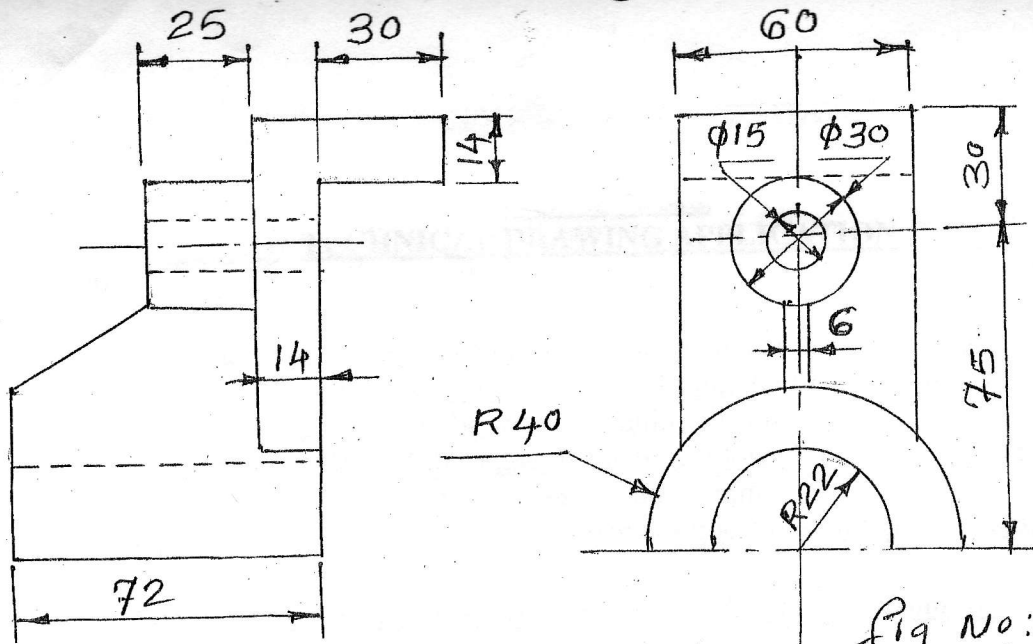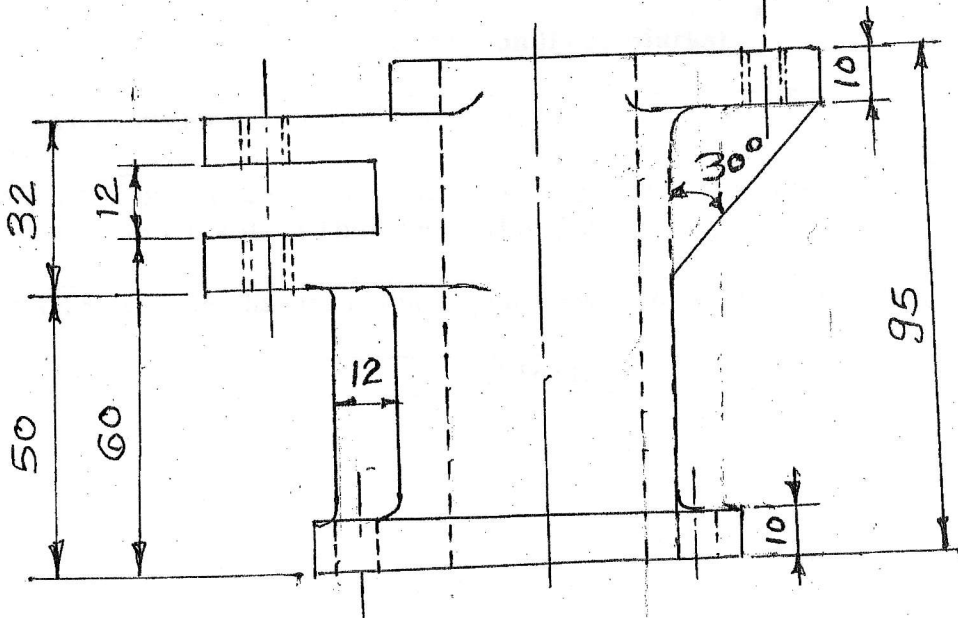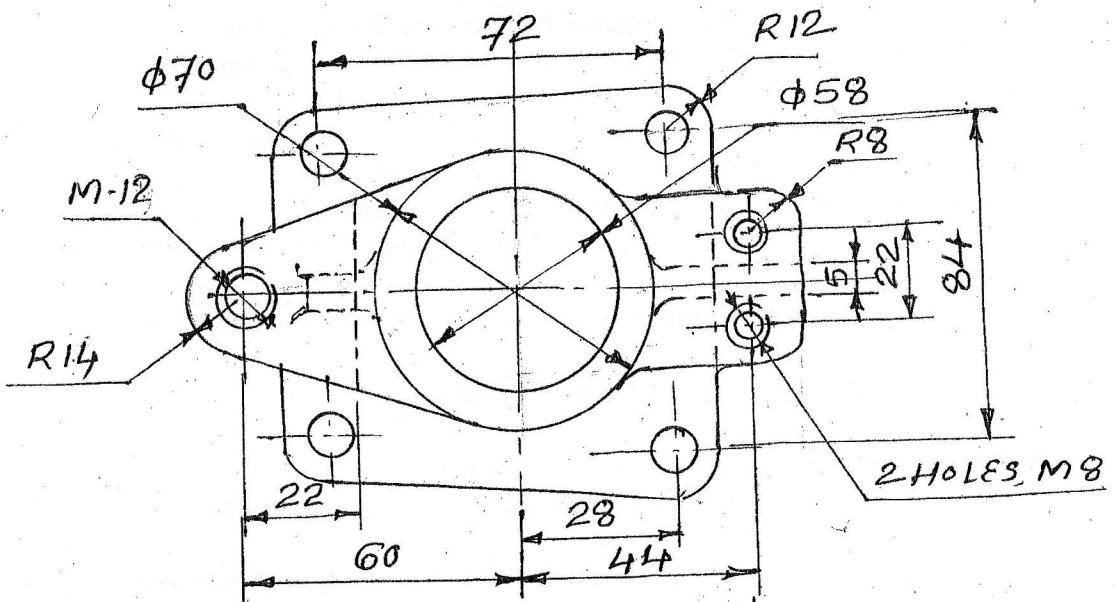All The Best

fig No:- 06

fig No:- 01

fig No:- 04

Fig No:-05

Fig No:-02

Fig No:-03