

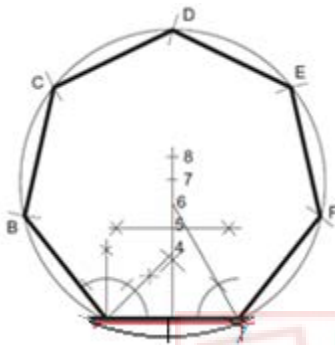
**Marking scheme
DRAWING AND DESIGN
Form 2**

SECTION A (55 MARKS)

1.

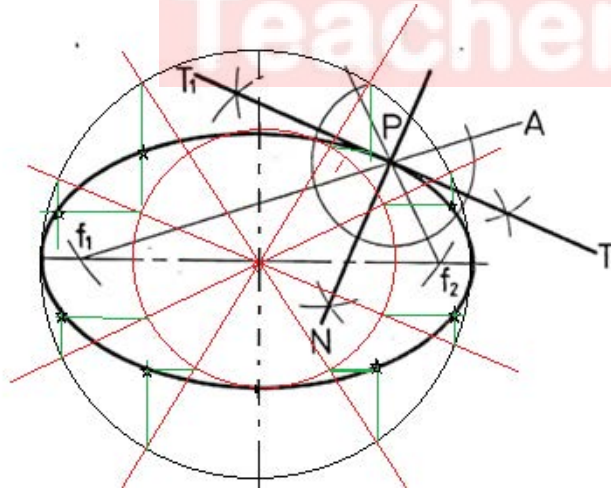
- Has A Good Surface Finish
 - Provide Large Surface Area
- Light In Weight
 - Strong

2.



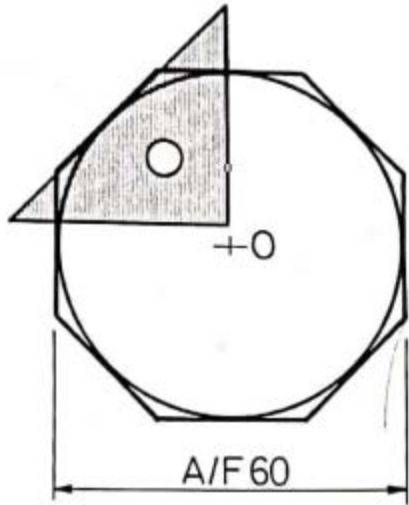
Correct circle= 1 mark
locating point 4,5,6.&7 —1 marks
Polygon= _____ 2 marks
Total= _____ 4 marks

3.



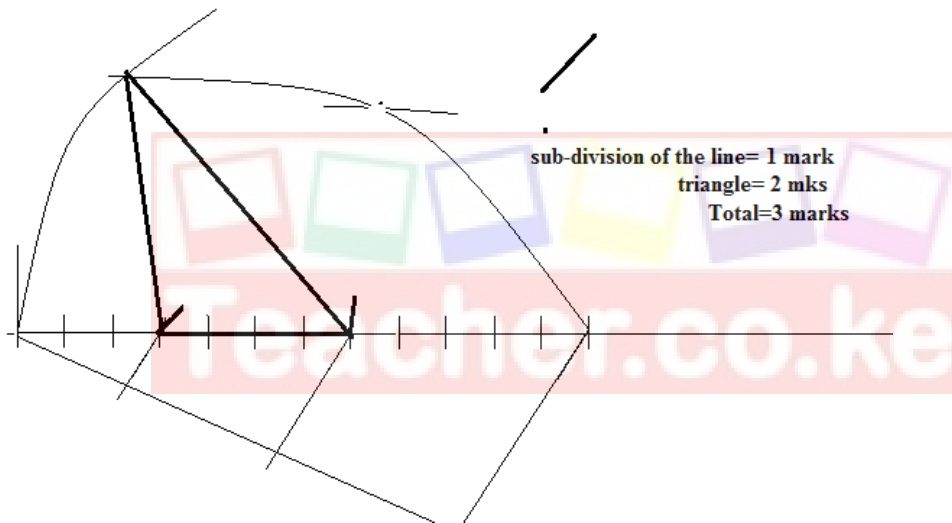
2 CIRCLES=1 MARKS
SUB-DIVISIONS=2 MARKS
ELLIPSE= 2 MARKS
NORMAL= 1 MARK
TANGENT 1 MARKS
TOTAL 7 MARKS

4.



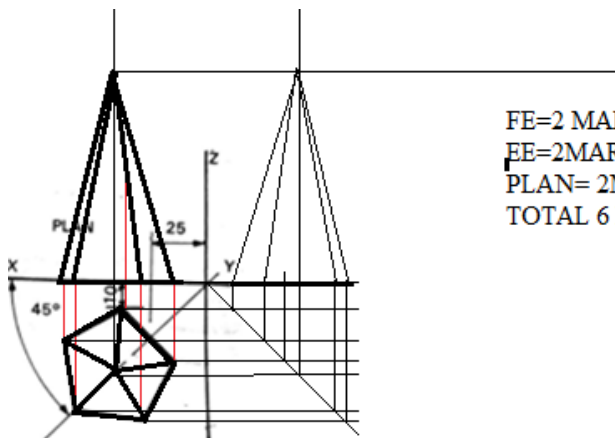
DRAWING OF CIRCLE DIA 30= 2 MARKS
 DRAWING OF TANGENTS = 2 MARKS
 OCTAGON = 2 MARKS
TOTAL= 6MARKS

5.



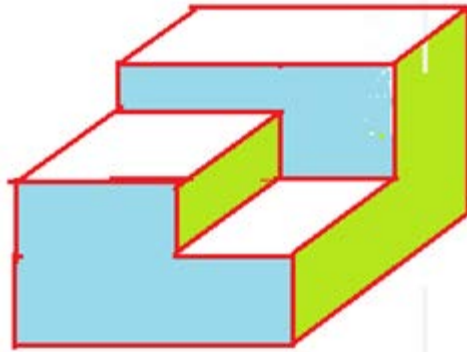
sub-division of the line= 1 mark
 triangle= 2 mks
 Total=3 marks

6.



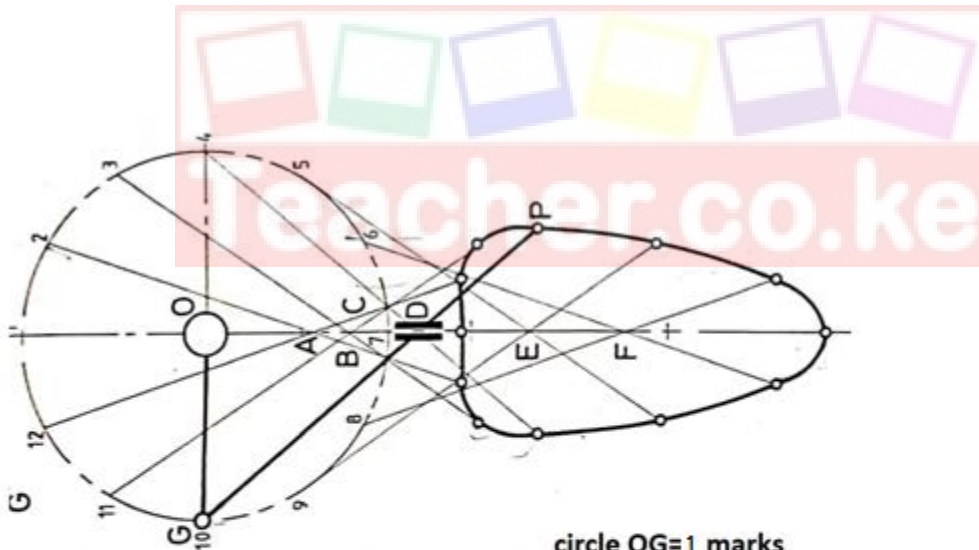
FE=2 MARKS
 EE=2MARKS
 PLAN= 2MARKS
 TOTAL 6 MARKS

7.



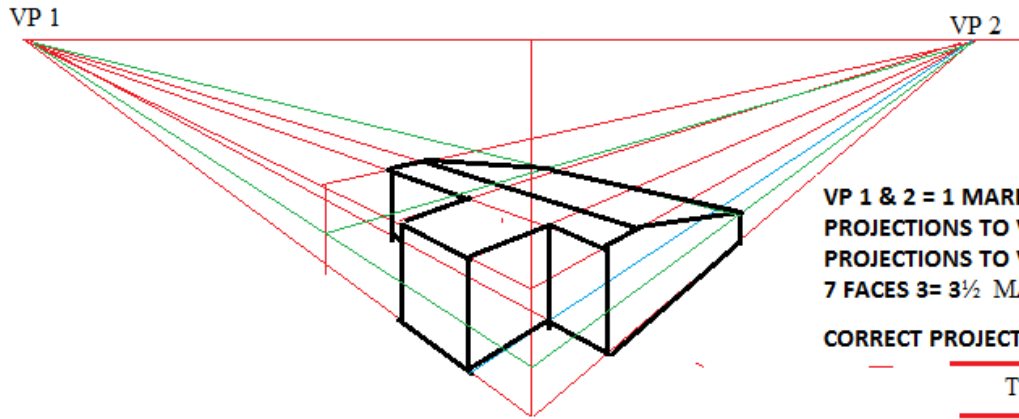
7 faces **7** mks
 correct projection = **1** MARK
TOTAL 8 MKS

8.



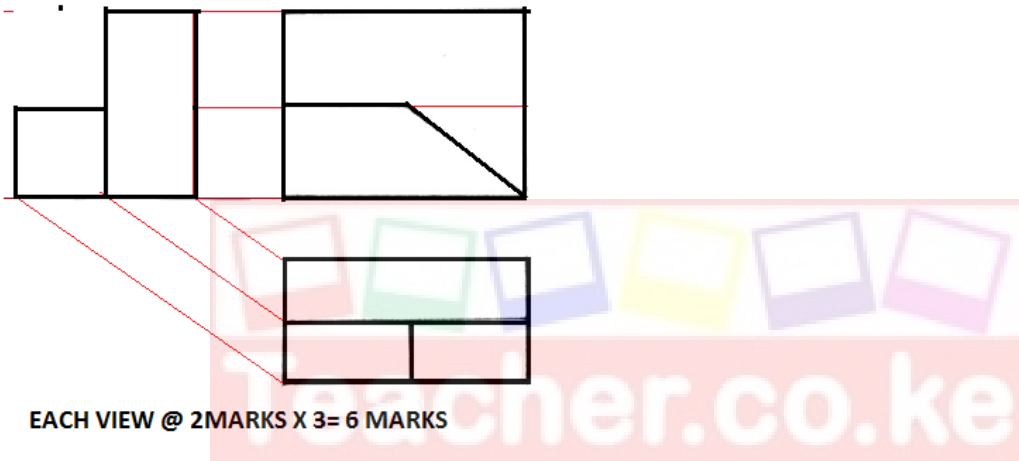
circle OG = 1 marks
 sub-division of circle in 12 parts = 2 marks
 12 projections of GP through D = 2 marks
 locating points P = 2 marks
 locus of point P = 2 marks
Total = 9 marks

9.



VP 1 & 2 = 1 MARK
PROJECTIONS TO VP 1= 1 MARK
PROJECTIONS TO VP 2= 1 MARK
7 FACES 3= 3½ MARKS
CORRECT PROJECTION=½ MARKS
TOTAL 7 MARKS

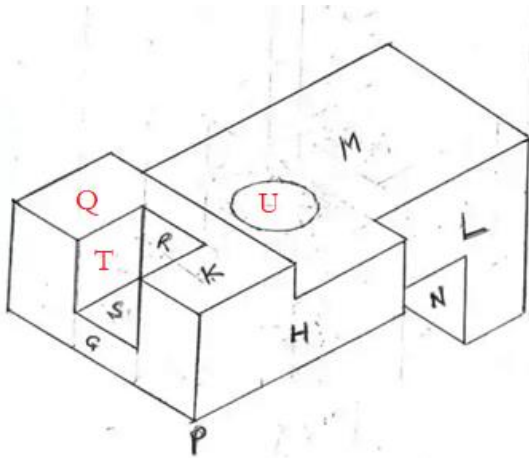
10.



EACH VIEW @ 2MARKS X 3= 6 MARKS

SECTION B (45 MARKS)

11.



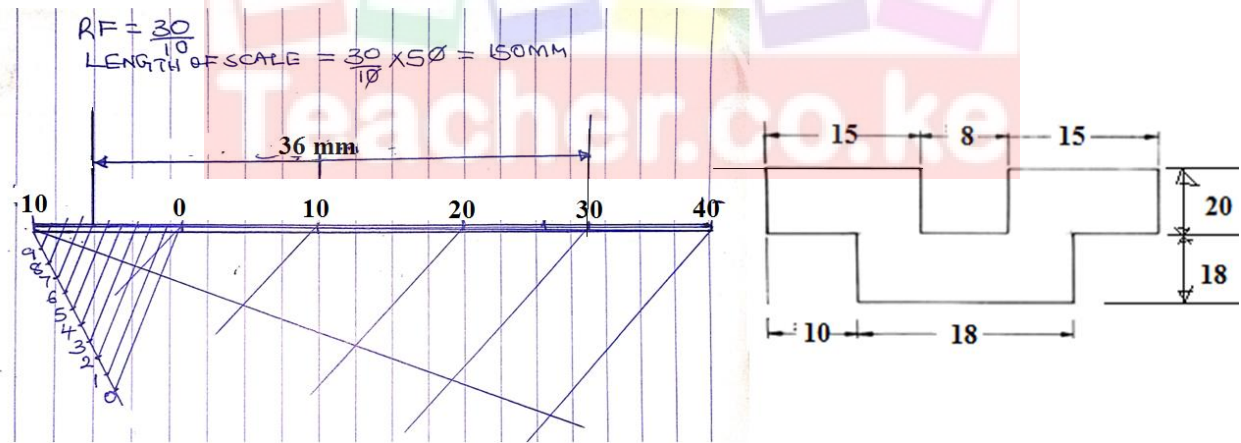
POINT "P" = 2 MKS

11 FACES = 11 MKS

LINWORK / NEATNESS

TOTAL 15 MKS

12.



$\frac{30}{10} \times 50 = 150\text{MM}$

CALCULATION OF LENGTH OF SCALE = 2 MKS

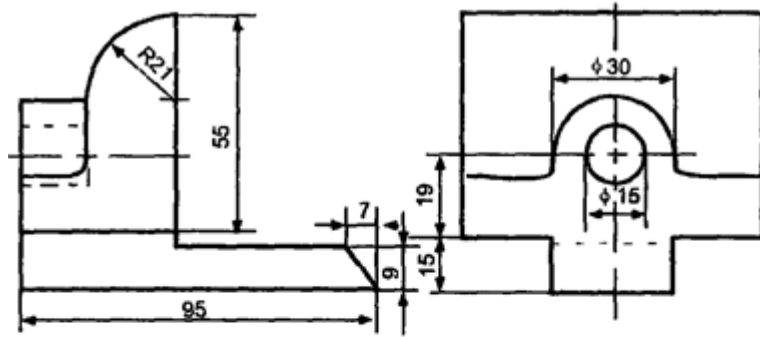
SUB-DIVISION OF LINE INTO 5 PORTION = 2 MKS

10 SUB-DIVISION OF SUB-UNITS = 2

CORRECT FIGURE DRAWN WITH SCALE = 9 MKS

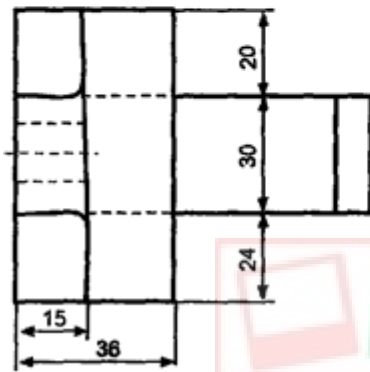
TOTAL 15 MKS

13.



FRONT ELEVATION

END ELEVATION



PLAN

FRONT ELEVATION

3 FACES= 3 MARKS

ARC= 1 MARK

CHAMFER= 1 MARK

END ELEVATION

CIRCLE= 1 MARK

SEMI-CIRCLE= 1 MARK

TWO FACES= 2 MARKS

6 FACES= 6 MARKS

TOTAL = 15MARKS