



C14-A/CH/CHST/AEI/FW/MNG/
MET/IT/TT/PKG/C/EC/EE/M/CM-107

4005

**BOARD DIPLOMA EXAMINATION, (C-14)
OCTOBER/NOVEMBER-2018
FIRST YEAR EXAMINATION**

ENGINEERING DRAWING

Time : 3 Hours]

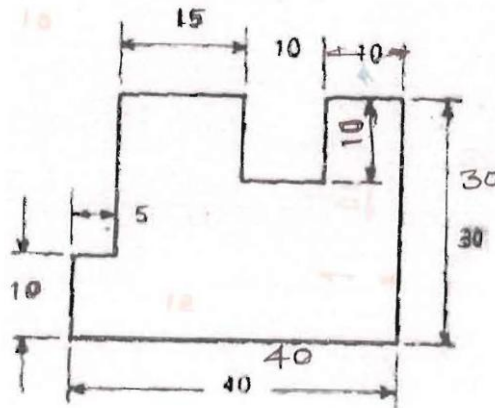
[Total Marks: 60

PART-A

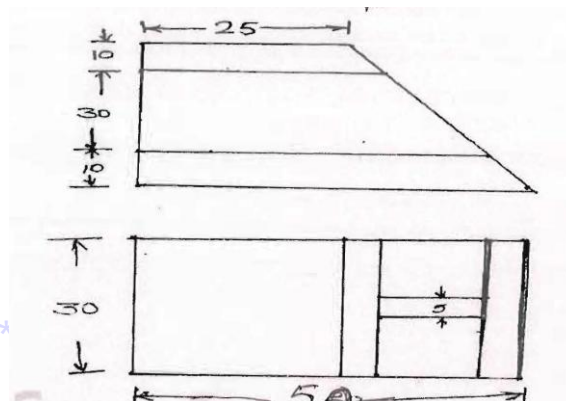
5X4=20

- Instructions :**
1. Answer **All** questions.
 2. Each question carries **Five** marks.
 3. All dimension s are in mm .

1. Write the following in single-stroke vertical Capital letters of 10 mm size:
“GOVERNMENT OF INDIA”
2. Redraw the following figure to full size and dimensions it according to SP: 4-1988.



3. Divide a straight line of 80 mm in to 7 equal parts.
4. Draw the auxiliary view of the inclined surface of the following figure whose orthographic views are given

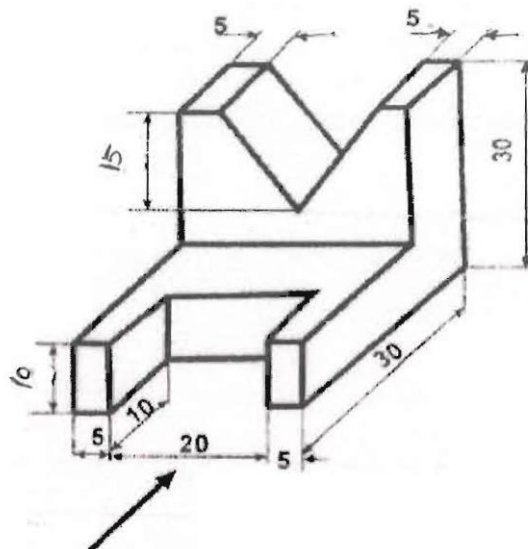


PART-B

10X4=40

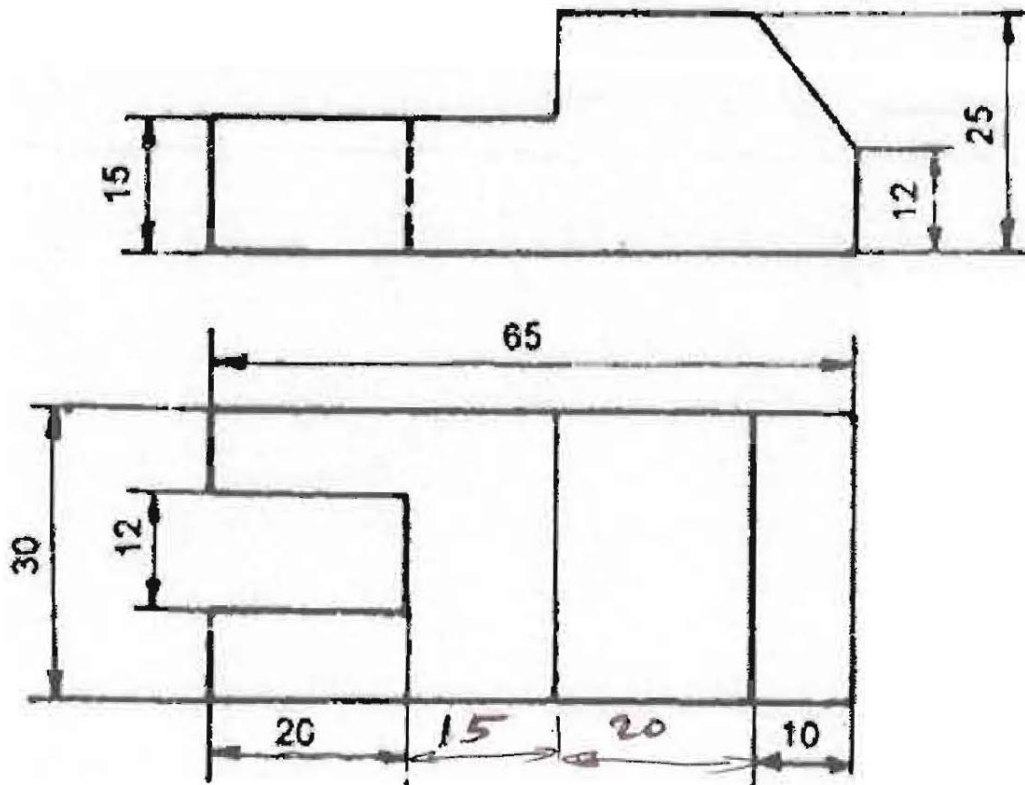
Instructions :

1. Answer any **Four** questions.
 2. Each question carries **ten** marks.
 3. Answer should be comprehensive and the criterion for valuation is the content but not the length of the answer
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5. Construct an ellipse with major and minor axes 100 mm and 70 mm respectively by concentric circles method.
 6. A hexagonal prism of side 30 mm and height 70 mm is resting with its base on H.P, one of its base edges is parallel to V.P. Draw its projections.
 7. A pentagonal pyramid of base side 40mm and height 80mm is resting on H.P on its base, with one of its base sides parallel to V.P and is bisecting the axis. Draw its front view and sectional top view.
 8. A right circular cone of base diameter 50 mm and axis 70 mm long is resting on its base on the H.P with its axis parallel to V.P. It is cut by a section plane perpendicular to V.P and inclined at angle of 45° to the H.P bisecting the axis. Draw the development of the truncated cone.
 9. Draw the following views of the given figure
(a) Front view (b) Top (c) Right Side view



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10. Draw the isometric view for the object whose orthographic views are given below:



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