THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF ENGINEERING TECHNOLOGY
MEK 2289 – COMPUTER AIDED DRAFTING
FINAL EXAMINATION – 2007
DATE : 18 May 2008 (Sunday)
DURATION : THREE HOURS

035

READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE ANSWERING THE QUESTION PAPER

INSTRUCTIONS

1. *Read the question carefully before you start answering it.*
2. *Clarify from the supervisor / invigilator in your examination hall if you have doubts.*
3. *Use the floppy disc provided to save drawings.*
4. *Draw the title block, symbol etc. for answers.*
5. *Save drawings periodically in the floppy disc to prevent data loss.*
6. *Do not write your name.*
7. *Write your index number on the floppy disc.*
8. *Drawings saved in the floppy disc are considered as the final answer.*
9. *Assume any missing dimensions.*

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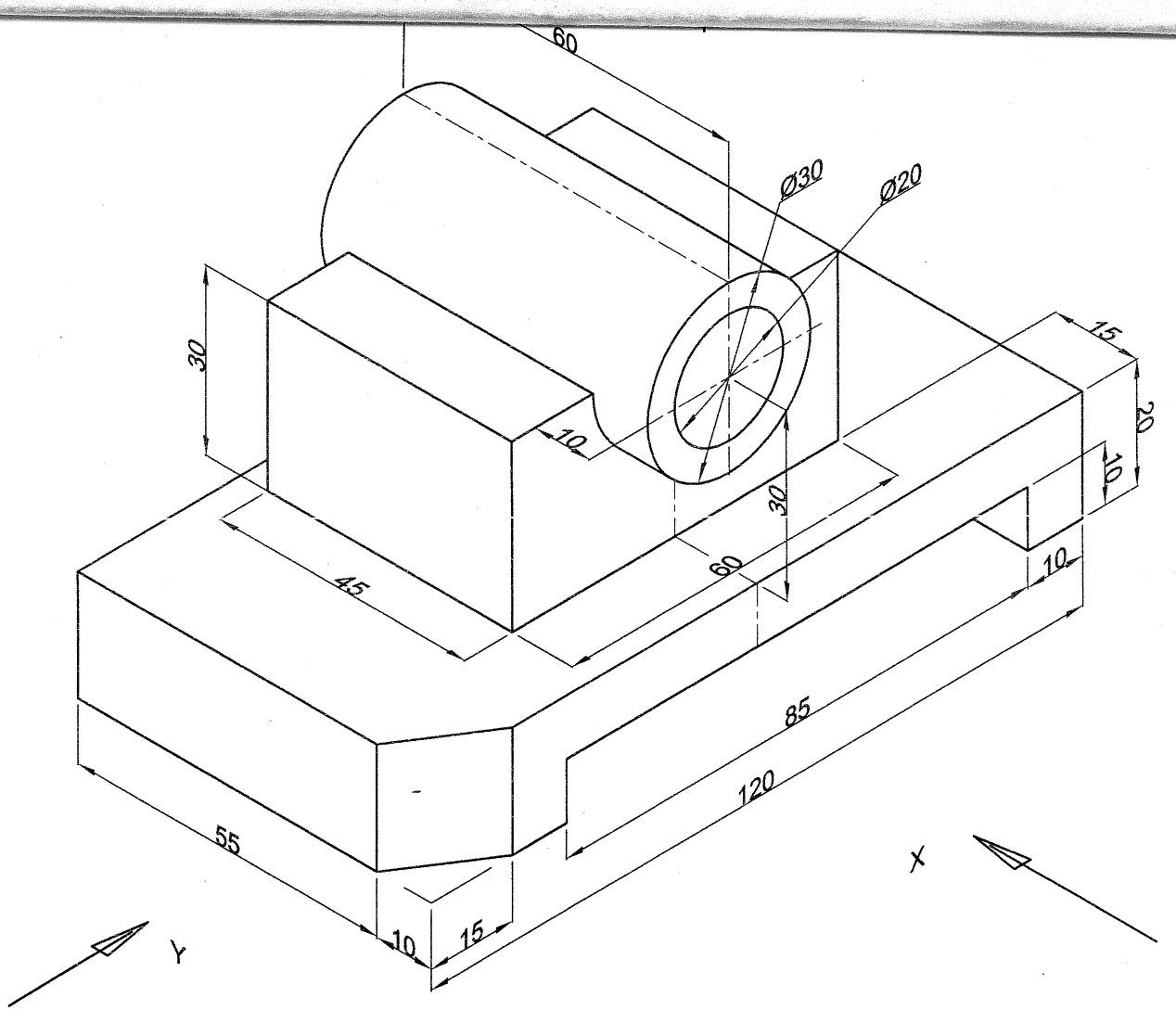
Question 01

(a) Generate the following views in first angle projection of the Bearing Block shown in figure Q1 using AutoCAD software.

i. Front elevation looking in the direction of arrow X
ii. End elevation looking in the direction of arrow Y
iii. Plan looking in the direction of arrow Z

(b) Dimension the drawing.

* Note – Marks are given for the approach, organizing the drawing, overall view, dimension style settings and the cage.



BEARING BLOCK

ALL DIMENSIONS IN mm

Figure Q1