THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF ENGINEERING TECHNOLOGY
LEVEL 02 / LEVEL 03
FINAL EXAMINATION – 2009/2010
MEK2289/MEK3289– COMPUTER AIDED DRAFTING
DATE : 8th March 2010
TIME DURATION : THREE HOURS

READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE ANSWERING THE QUESTION PAPER

INSTRUCTIONS

1. *Read the question carefully before you start answering it.*
2. *Clarify with the supervisor or invigilator in your examination hall if you have any 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 down your index number on the floppy disc.*
8. *Drawings saved in the floppy disc are considered as the final answer.*
9. *Assume any missing dimension.*

Question 01.

(a) Generate the Plan and Front elevation of the object shown in Figure Q1 in first angle projection when looking from the direction X to a scale of full size using AutoCAD software.

(b) Dimension the drawing.

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

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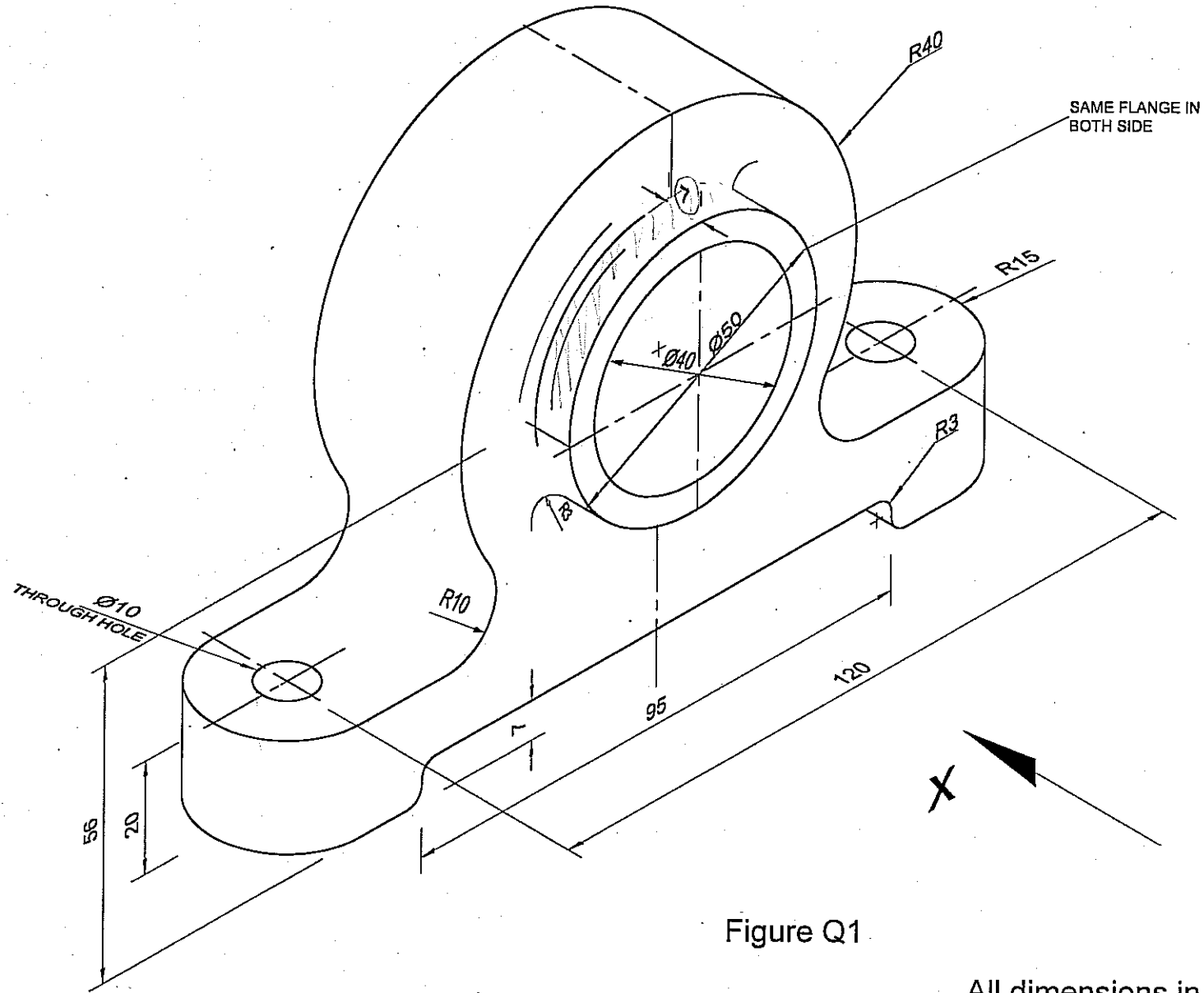


Figure Q1

All dimensions in mm