THE OPEN UNIVERSITY OF SRI LANKA
FACULTY OF ENGINEERING TECHNOLOGY
BACHELOR OF TECHNOLOGY – LEVEL 05
MEK 5201 – COMPUTER AIDED DRAFTING AND MODELING
FINAL EXAMINATION – 2007
DATE : 21 May 2008 (Wednesday)
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 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.*

Question 01.

(a) Generate the solid model of the object given in figure Q 01.

(b) From the solid model, generate the following views in first angle projection.

i. Front elevation looking in the direction of arrow "X"

ii. Plan

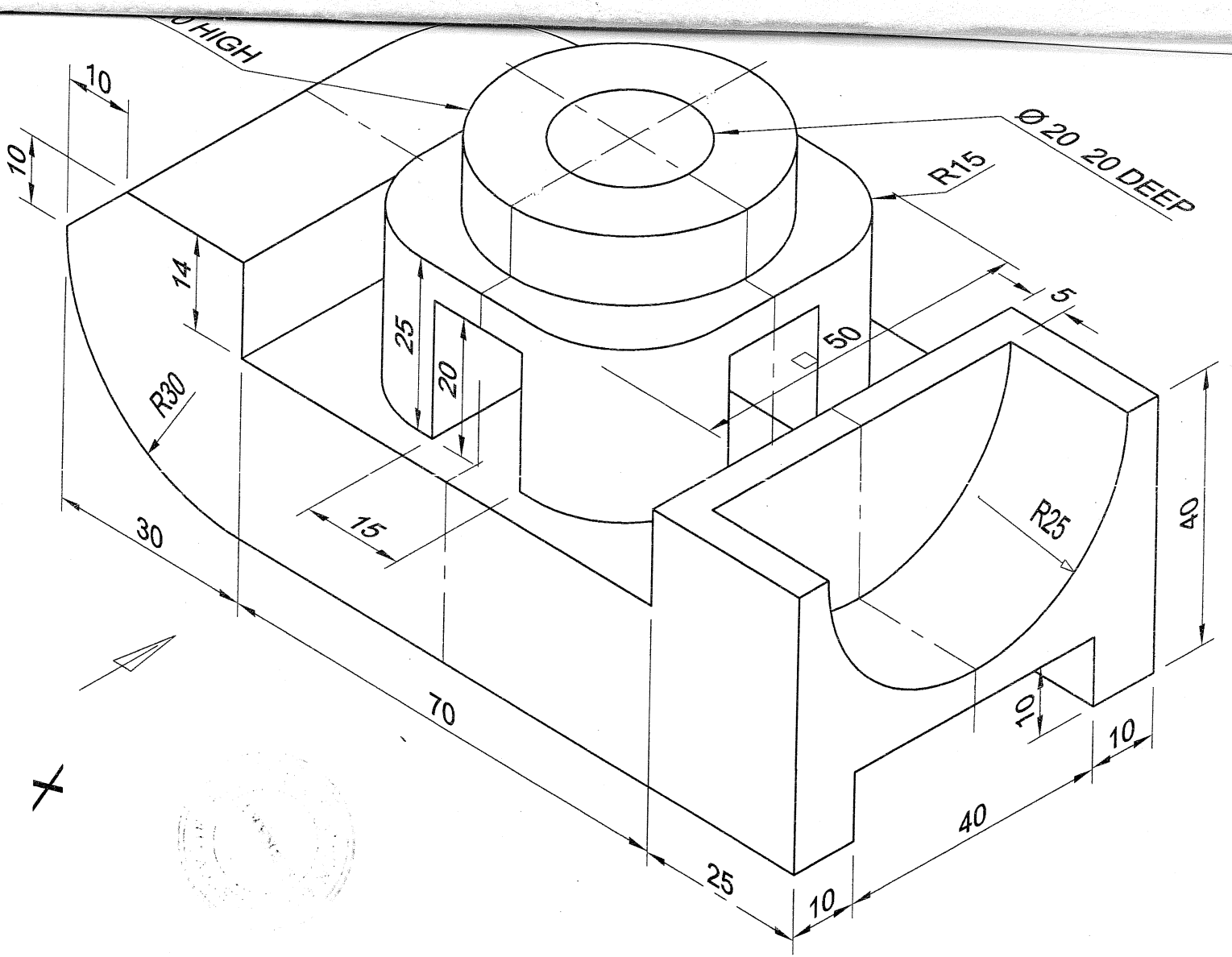


Figure Q1

ALL DIMENSIONS IN mm