

JUNIOR LYCEUM and SECONDARY SCHOOL
ANNUAL EXAMINATIONS 2007
 Education Assessment Unit - Education Division

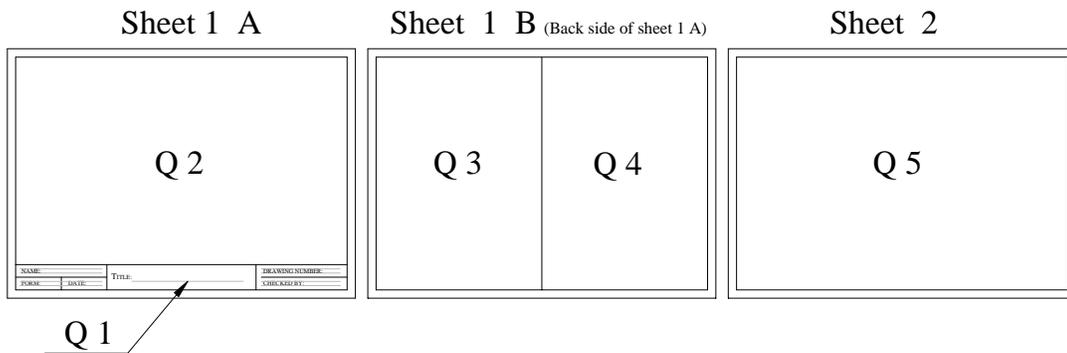
FORM 1 GRAPHICAL COMMUNICATION TIME: 2 hours

NAME: _____

CLASS: _____

Please Note:

You are required to use both sides of the drawing paper, as shown below.



Q 1

- Write your name and class on all sheets.
- Attempt **ALL** questions.
- Answer **ALL** question accurately, using instruments, unless otherwise stated.
- All construction lines **MUST** be shown.
- Drawing aids may be used.
- All dimensions are in millimetres.
- Estimate any missing dimension.
- Marks will be awarded for accuracy, clarity and construction.

Question	1	2	3	4	5
Max. mark	10	33	18	16	23
Mark					

Question 1

Draw a borderline and a title (name) block on one side of your drawing paper.
In the appropriate space, print in freehand simple block letters:

- (a) Your surname and name.
- (b) Your class.
- (c) Date.
- (d) Annual Examination.
- (e) In the middle space of your title block, write down the name of the drawing in question 2: **MACHINED BLOCK**

10 marks

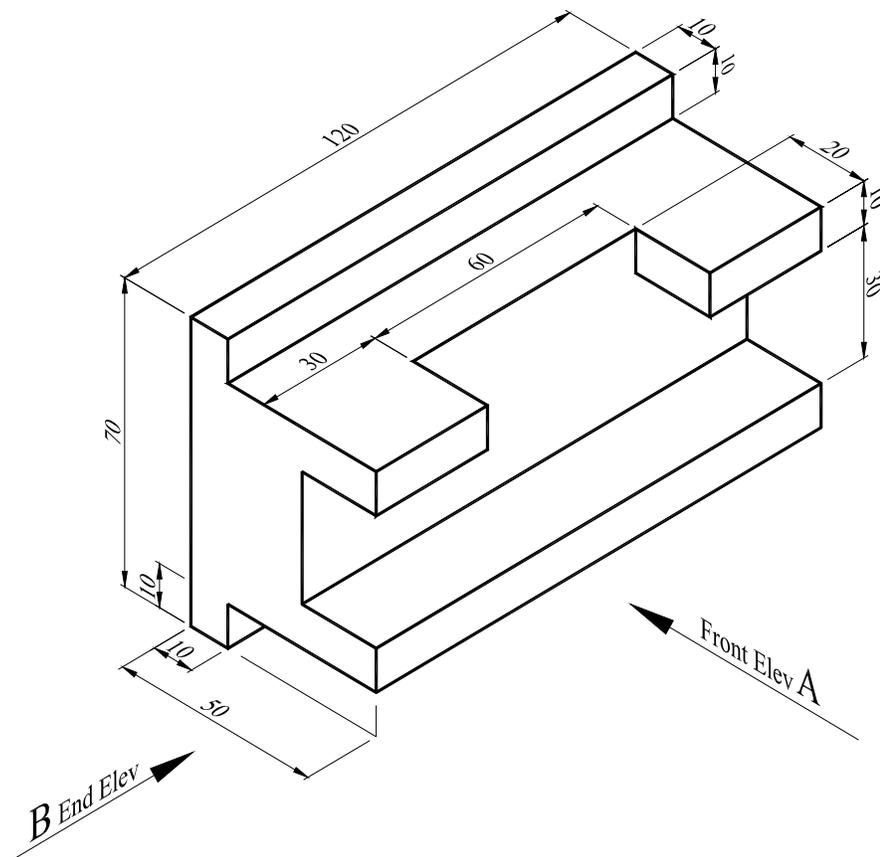
Question 2

The figure below shows the drawing of a **MACHINED BLOCK**.
Draw full size:

- (a) A front elevation from arrow A. (10 marks)
- (b) An end elevation from arrow B. (13 marks)
- (c) A plan. (10 marks)

Hidden details are to be shown.

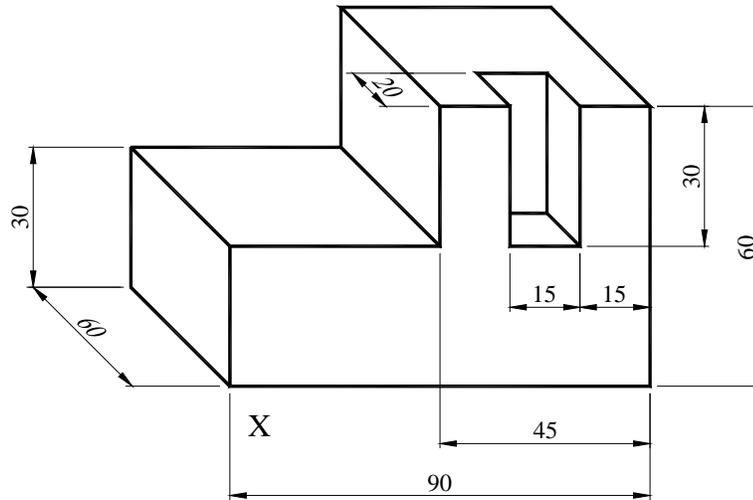
Total: **33 marks**



Question 3

The figure below shows a pictorial view of a shaped block.
 Draw, full size, an isometric view with corner X as the lowest point.
 Note: The given drawing is not drawn to scale.

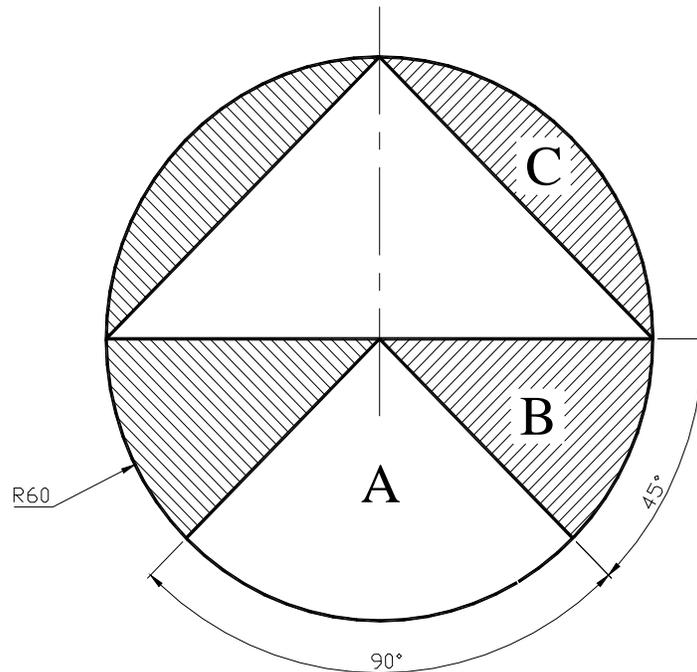
18 marks



Question 4

Using compass and the 45° setsquare draw the given Logo.
 Name areas A, B and C as parts of circle.

16 marks



Question 5

The model spacecraft below consists of various types of triangles.

- (i) draw the model
- (ii) name the triangles A and B by sides
- (iii) name triangles C and D by angles

23 marks

