

**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.

Sheet 1 A	Sheet 1 B (Back side of sheet 1 A)	Sheet 2						
<div style="font-size: 2em; font-weight: bold;">Q 2</div> <div style="border: 1px solid black; padding: 2px; margin-top: 10px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; font-size: 0.8em;">NAME: _____</td> <td style="width: 33%; font-size: 0.8em;">TITLE: _____</td> <td style="width: 33%; font-size: 0.8em;">DRAWING NUMBER: _____</td> </tr> <tr> <td style="font-size: 0.8em;">FORM: _____</td> <td style="font-size: 0.8em;">DATE: _____</td> <td style="font-size: 0.8em;">CHECKED BY: _____</td> </tr> </table> </div>	NAME: _____	TITLE: _____	DRAWING NUMBER: _____	FORM: _____	DATE: _____	CHECKED BY: _____	<div style="display: flex; justify-content: space-around; font-size: 1.5em; font-weight: bold;"> <div>Q 3</div> <div>Q 4</div> </div>	<div style="font-size: 2em; font-weight: bold;">Q 5</div>
NAME: _____	TITLE: _____	DRAWING NUMBER: _____						
FORM: _____	DATE: _____	CHECKED BY: _____						

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	<b>10</b>	<b>33</b>	<b>18</b>	<b>16</b>	<b>23</b>
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**

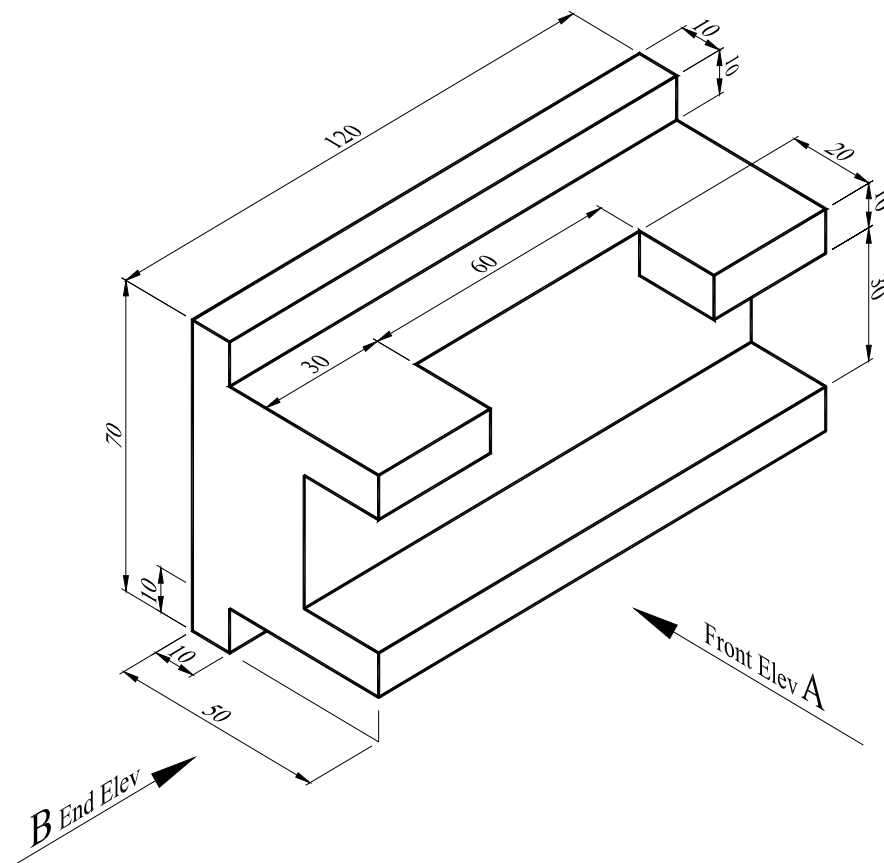
### Question 2

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.

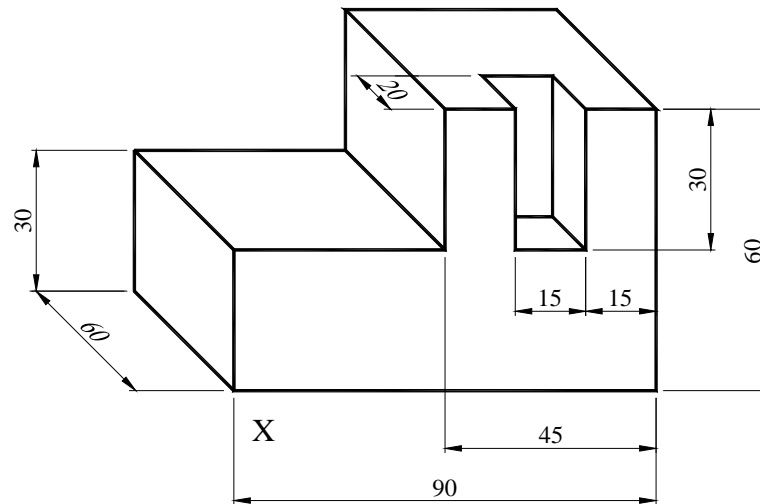
Total: **33 marks**



### 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.

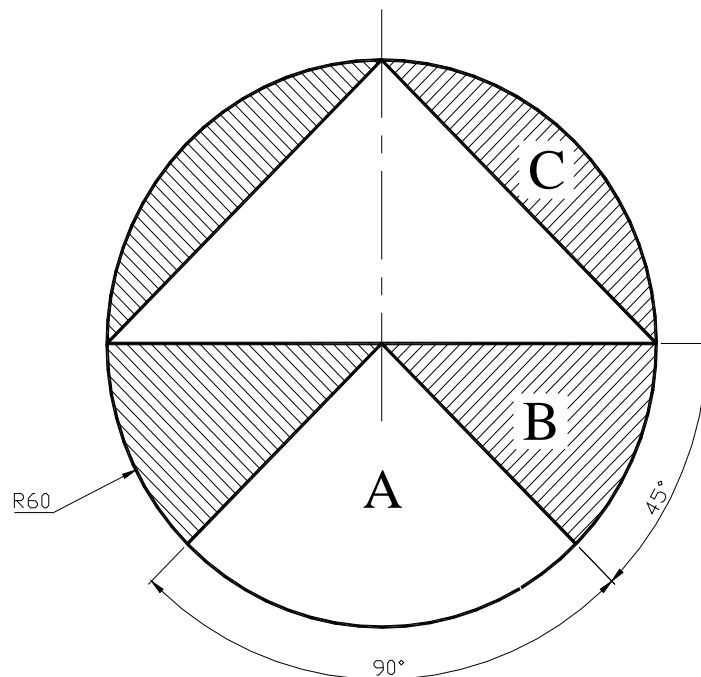
**18 marks**



### Question 4

Using compass and the  $45^\circ$  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**

