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

FORM 2   **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

Q 2   Q 3   Q 4   Q 5

NAME:
FORM: DATE: TITLE: DRAWING NUMBER: CHECKED BY:

Q 1

- Write your name and class on all sheets.
- Attempt **ALL** questions.
- Answers all questions 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	36	20	18	16
Mark					

Question 1

Draw a borderline and a title (name) block on one side of your drawing paper.
In the appropriate spaces 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
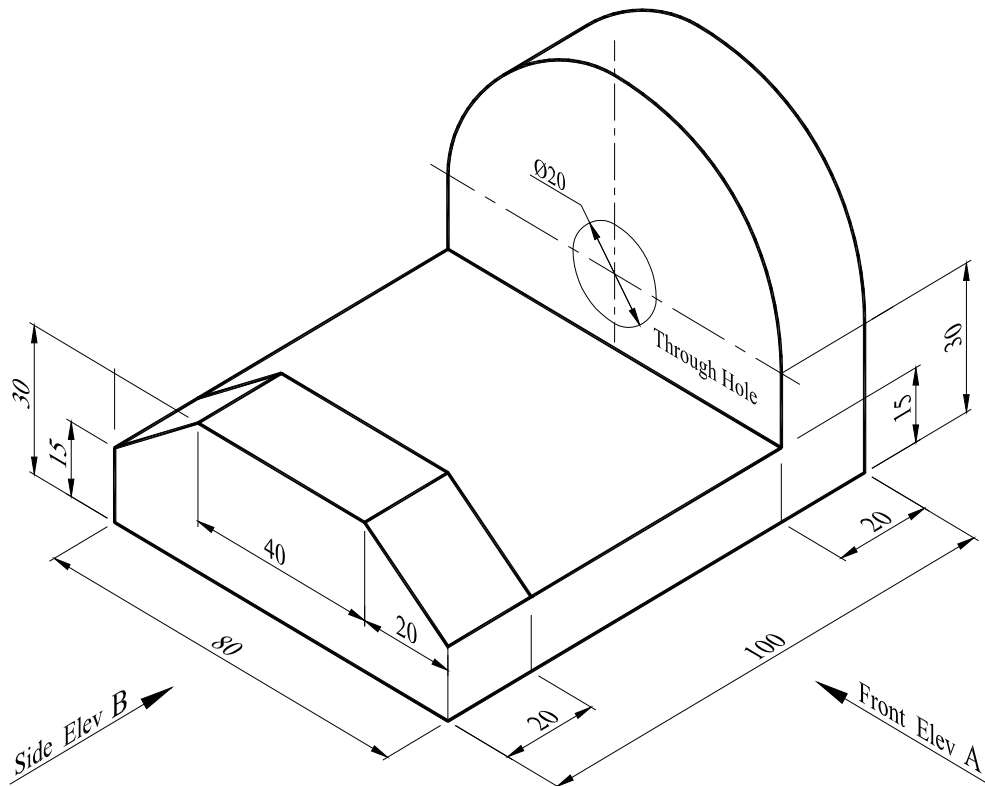   drawing in question 2:   **SLIDING BLOCK**

10 marks

Question 2

The figure below shows a **Sliding Block.** In either first or third angle
orthographic projection, draw full size:

(a) A front elevation from arrow A.   10 marks
(b) An end elevation from arrow B.   15 marks
(c) A plan.   9 marks
(d) Draw the symbol of projection used.   2 marks
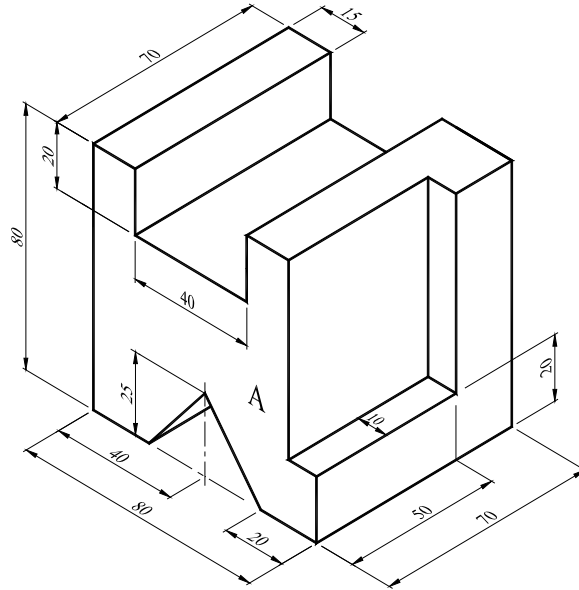**Note:** Hidden details are to be shown

Total 36 marks

Question 3

The figure below shows an isometric projection of a Shaped Block.
Draw, full size, an oblique projection of the given block.
Face **'A'** to be in the foreground. **20 marks**

Question 4

Draw a **prohibition sign** indicating that the use of Mobile Phones is prohibited.
The outline of your sign should have a diameter of 80mm.
Colour your sign accordingly.

18 marks

Question 5

The drawing shows the façade of a building.

(a) Draw full size the outline of the façade
(b) Geometrically draw the largest possible circle that will fit into the triangle (inscribed circle)
(c) Locate the centre of the arch and complete the door.

16 marks