

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

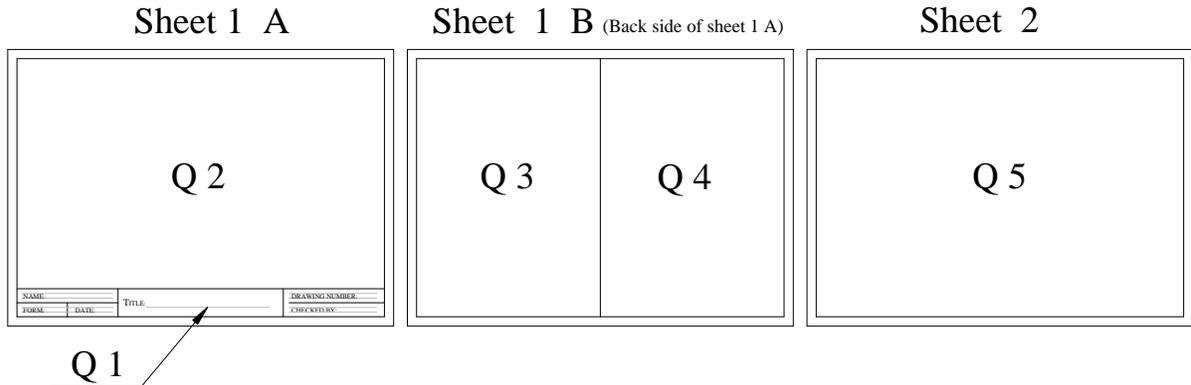
FORM 2 GRAPHICAL COMMUNICATION Time : 2 hours

NAME : _____

CLASS : _____

Please note:

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



- 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

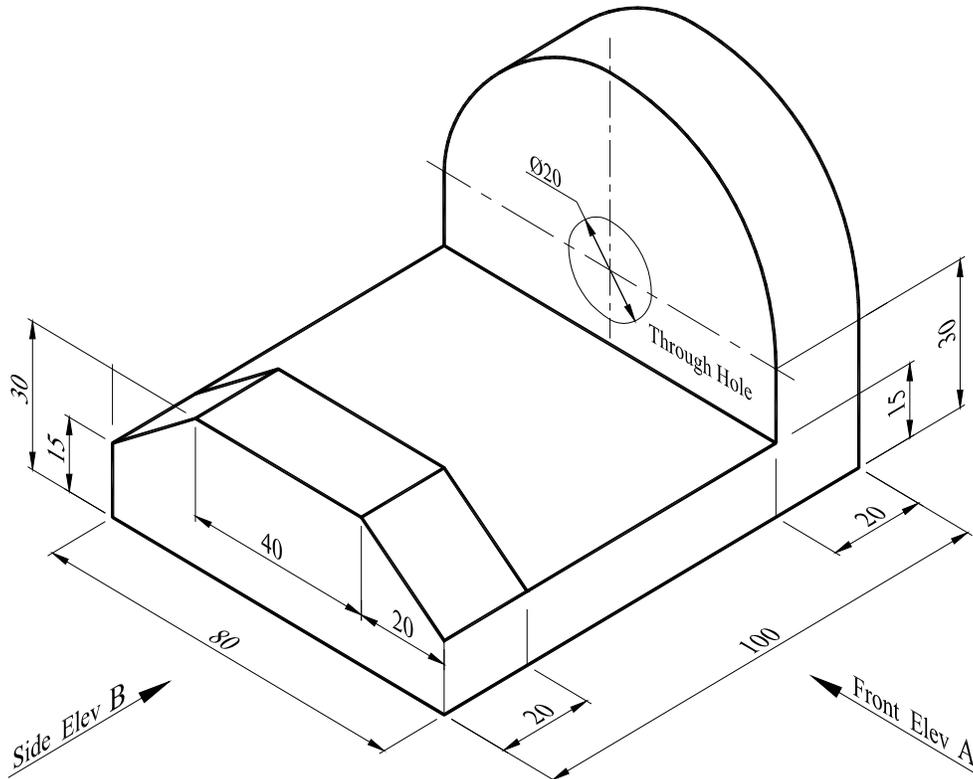
Question 2

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

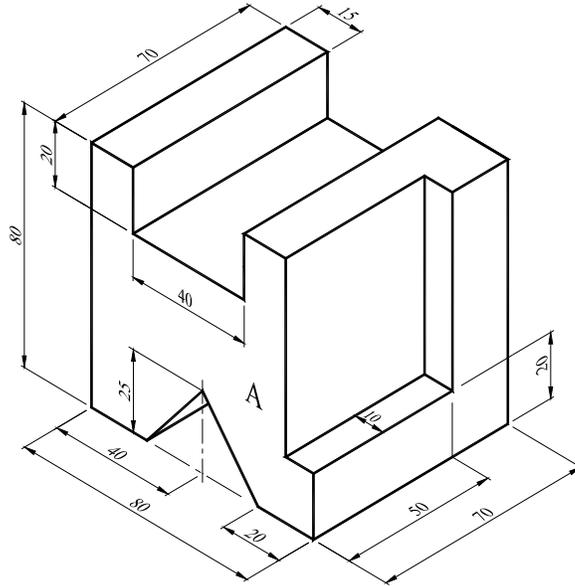
Total 36 marks



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

