

Junior Certificate Examination 2007

Technical Graphics Higher Level Section B (280 Marks)

Monday 18 June Morning 9:30 - 12:30

Instructions

- (a) Answer any four questions. All questions carry equal marks.
- (b) The number of the question must be distinctly marked by the side of each answer.
- (c) Work on **one side** of the answer paper only.
- (d) Write your examination number on each sheet of paper used.

SECTION B. Answer **any four** questions. All questions carry equal marks.



Section B - Page 2 of 4

3.

Shown are the axonometric axes for the isometric projection of a toaster.

15°

\$50

80

90

R25

(a)

- (i) Draw the axonometric axes as shown.
- (ii) Draw the plan orientated at 45° as shown.
- (iii) Draw the elevation orientated at 15° as shown.

(iv) Draw the completed axonometric projection of the toaster.

OR

(b) Draw the completed isometric projection of the toaster using the isometric scale method.

4.

The figure shows the elevation and plan of a blender for fruit drinks with the lid removed. A pictorial view is also shown.

- (a) Draw the given plan and elevation.
- (b) Draw the development of the surface **A**.
- (c) Draw the development of the surface **B**.





Section B - Page 3 of 4





Section B - Page 4 of 4