SECTION B — 280 MARKS

INSTRUCTIONS FOR SECTION B

(a) Any four questions to be answered.

(b) All questions carry equal marks.

(c) The number of the question must be distinctly marked by the side of each question.

(d) Work on one side of the paper only.

(e) Examination number must be distinctly marked on each sheet of paper used.
The figure shows the outline of a TELEVISION SET. Draw FULL SIZE: -
(a) A front elevation looking in the direction of arrow A.
(b) An end elevation looking in the direction of arrow B.
(c) A plan projected from the front elevation.
Insert any FOUR dimensions.

The figure shows the design for a HAIR SLIDE in the shape of an ELLIPSE. Draw FULL SIZE the given design showing clearly all construction lines and points of contact.
The figure shows the outline of a **DIE (DICE)**.

Draw **FULL SIZE** the following views :-
(a) A front elevation looking in the direction of arrow A.
(b) An end elevation looking in the direction of arrow B.
(c) The **DEVELOPMENT** of the die (Die), with the visible faces in the correct sequence (order).

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The figure shows a **CALCULATOR**.

Draw **FULL SIZE ONE** of the following views :-
(a) An **ISOMETRIC VIEW** of the Calculator.
(b) An **OBLIQUE VIEW**.

The solution must be presented on standard drawing paper.
Draw the given figure. Locate the image points A1, A2, A3, the line PQ and, then, find the image of the given figure under the following transformations:

(a) From point A to A1 by a TRANSLATION,
(b) From point A1 to A2 by an AXIAL SYMMETRY in the line PQ,
(c) From point A2 to A3 by a CENTRAL SYMMETRY in the point Z.

A design for a HAIR DRYER is shown. Reproduce the given figure, showing clearly all constructions and points of contact.