Question 1. The front elevation, end elevation and an isometric projection of a magazine rack are given.
a) Draw the plan by projecting faint lines from the front and end elevations.
b) Label your drawing.

Note: Show all hidden detail.

16 marks
Question 2. The front elevation, end elevation, plan and an oblique projection of a building with a closed door is shown.

a) Using the start lines given below, draw the building in isometric projection, putting A as the lowest corner.
b) Draw a small rectangular carpet in isometric projection in front of the door. Choose your own dimensions.
c) Shade the carpet in pencil (not in colour).

20 marks

Question 3. The drawing shows a pictorial view of a tray with salt and pepper containers indicated by "S" and "P" respectively.

a) In the given parallelogram PQRS, draw the letter "S" similar to the one shown, using the given dimensions.
b) Colour lightly your finished letter.

Note: Start by dividing base PQ in the ratio of 2:3:2.

14 marks
Question 4.  

a) A small glass container (shown below) used for holding salt, has a plastic top cover in the form of a regular heptagon (7 sides). Construct a regular heptagon on the given base PQ as one of its sides.

8 marks

b) The water tap shown has the handle top face in the shape of a pentagon (5 sides). Construct a regular pentagon in the circle given below.

Note: Each corner of the pentagon must touch the circle internally.

8 marks
Question 5. A design consists of two triangles and two circles. Complete the drawing started below to make a similar enlarged design, using the necessary construction to,
   a) **circumscribe** a circle around triangle ABC.
   b) **inscribe** a circle in triangle CDE.

   16 marks

Question 6. a) A **prohibition sign** is fixed at the entrance of a public garden.
   i) Colour the sign using the appropriate colours for a prohibition sign.
   ii) In the rectangle provided below, give the meaning of the sign in a few words.

   6 marks

   MEANING: ___________________________

   ___________________________

b) A large hotel is situated by the seaside. A **general information sign** is needed at the reception to inform residents that they can relax on a deck-chair, under an umbrella at the hotel's private beach.
   a) Draw two preliminary sketches to develop ideas of the sign.
   b) Using drawing instruments where required, make a final drawing of the sign.

   **Note:** i) Only black and white colours may be used.
   ii) Do not add words to your final drawing.

   12 marks

   ROUGH SKETCHES

   FINAL DRAWING

   Sheet 4 of 4