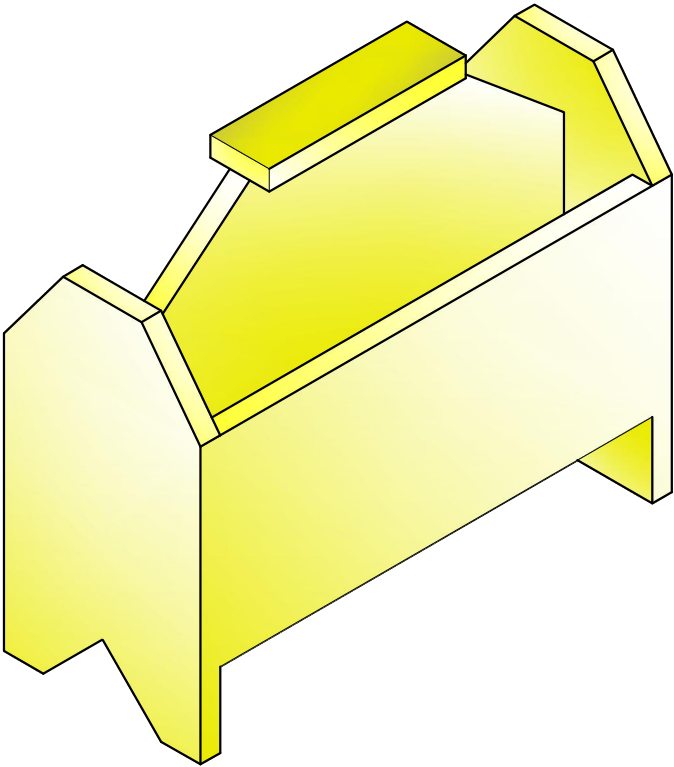
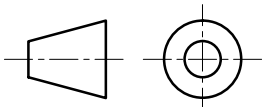


Question 1. The front elevation, end elevation and an isometric projection of a magazine rack are given.  
a) Draw the plan by projecting faint lines from the front and end elevations.  
b) Lable your drawing.  
*Note: Show all hidden detail.*

16 marks

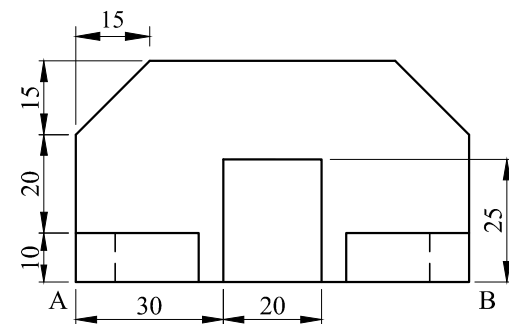


ISOMETRIC PROJECTION

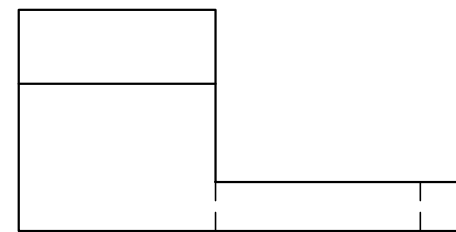
FRONT ELEVATION	END ELEVATION
<div></div>	

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

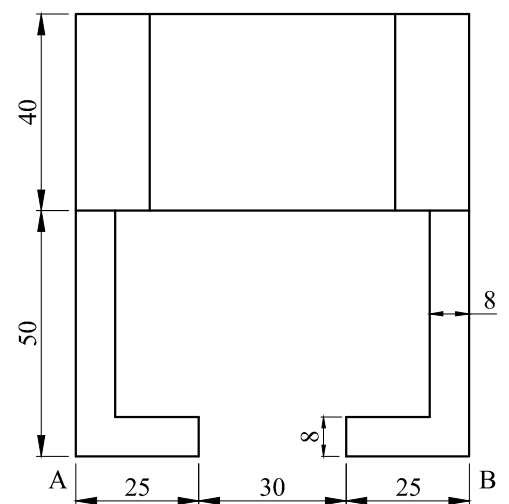
- Using the start lines given below, draw the building in isometric projection, putting A as the lowest corner.
- Draw a small rectangular carpet in isometric projection in front of the door. Choose your own dimensions.
- Shade the carpet in pencil (not in colour).



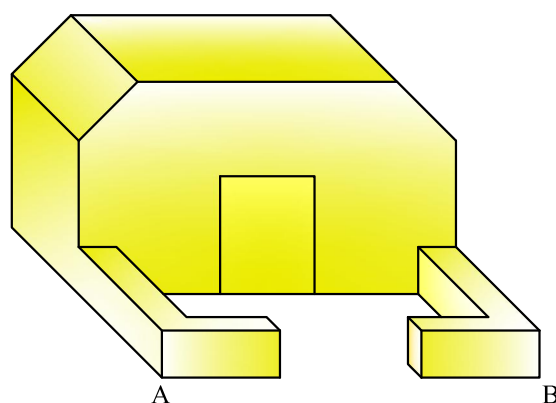
FRONT ELEVATION



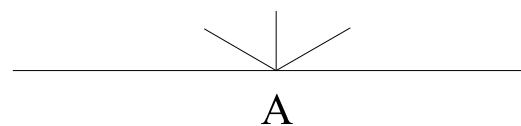
END ELEVATION



PLAN

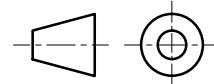


OBLIQUE PROJECTION



ISOMETRIC PROJECTION

20 marks

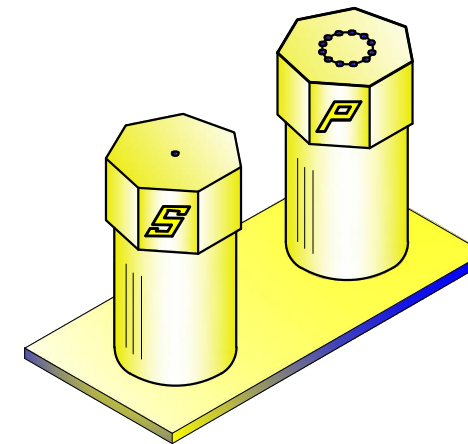


Question 3. The drawing shows a pictorial view of a tray with salt and pepper containers indicated by "S" and "P" respectively.

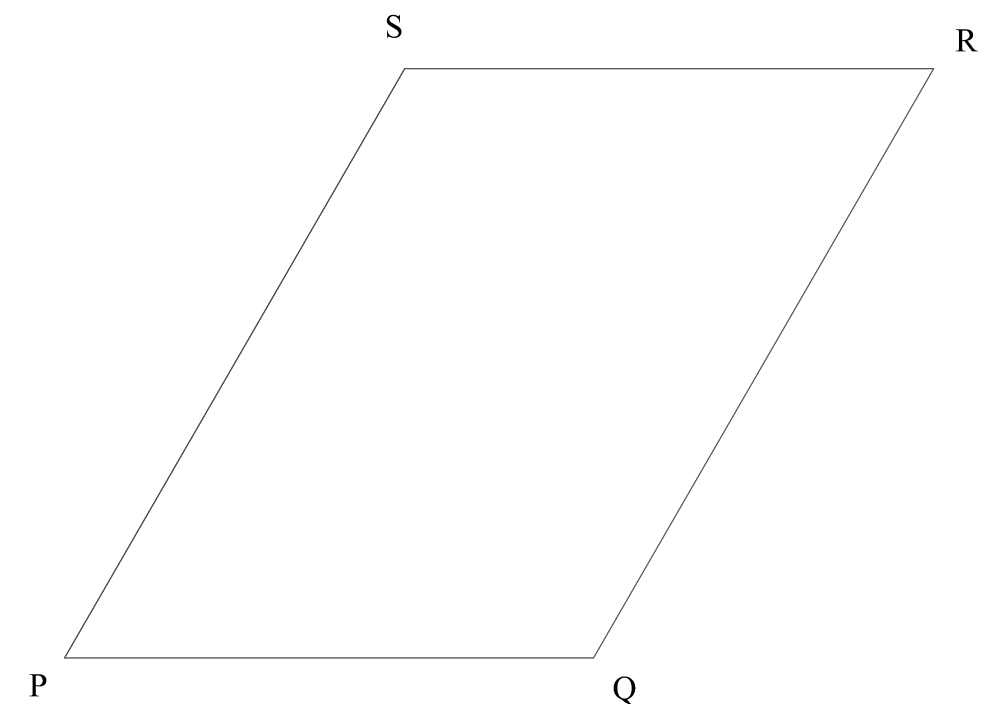
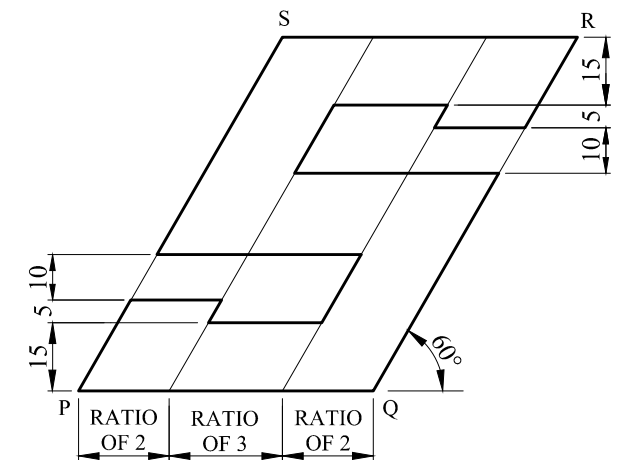
- In the given parallelogram PQRS, draw the letter "S" similar to the one shown, using the given dimensions.
- Colour lightly your finished letter.

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

14 marks

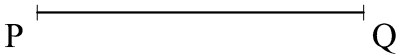
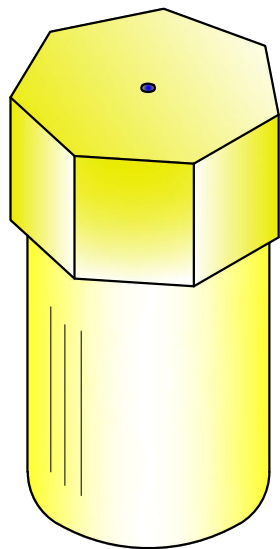


PICTORIAL VIEW



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.

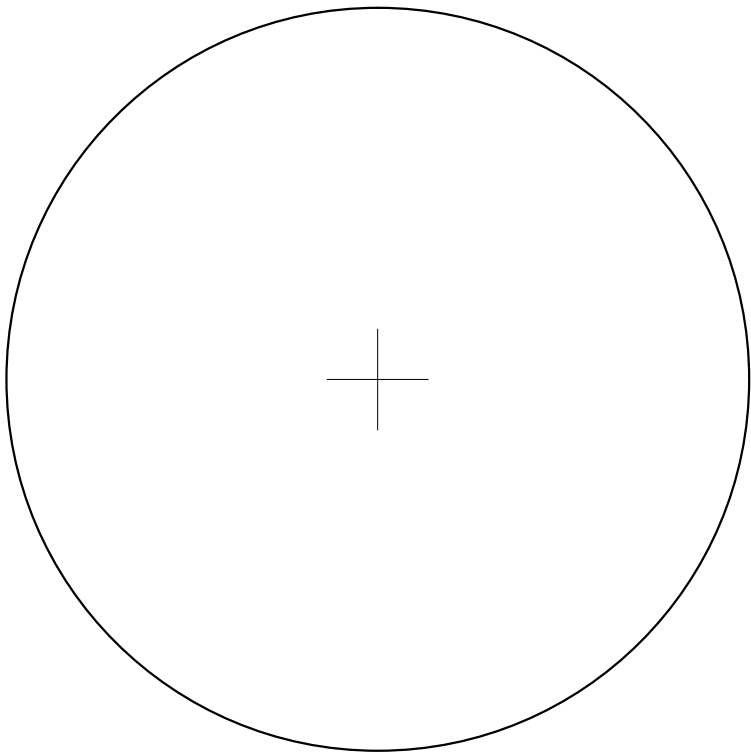
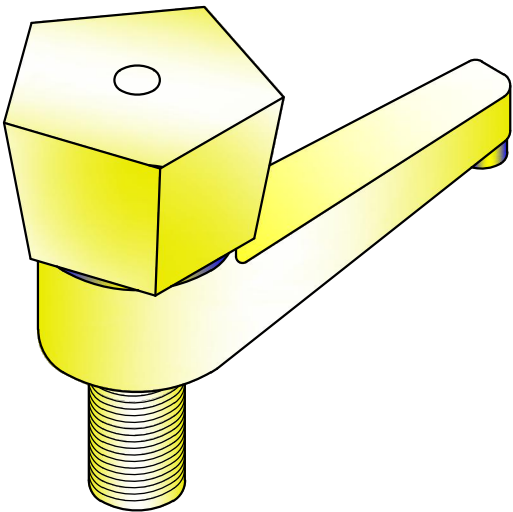
8 marks



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.

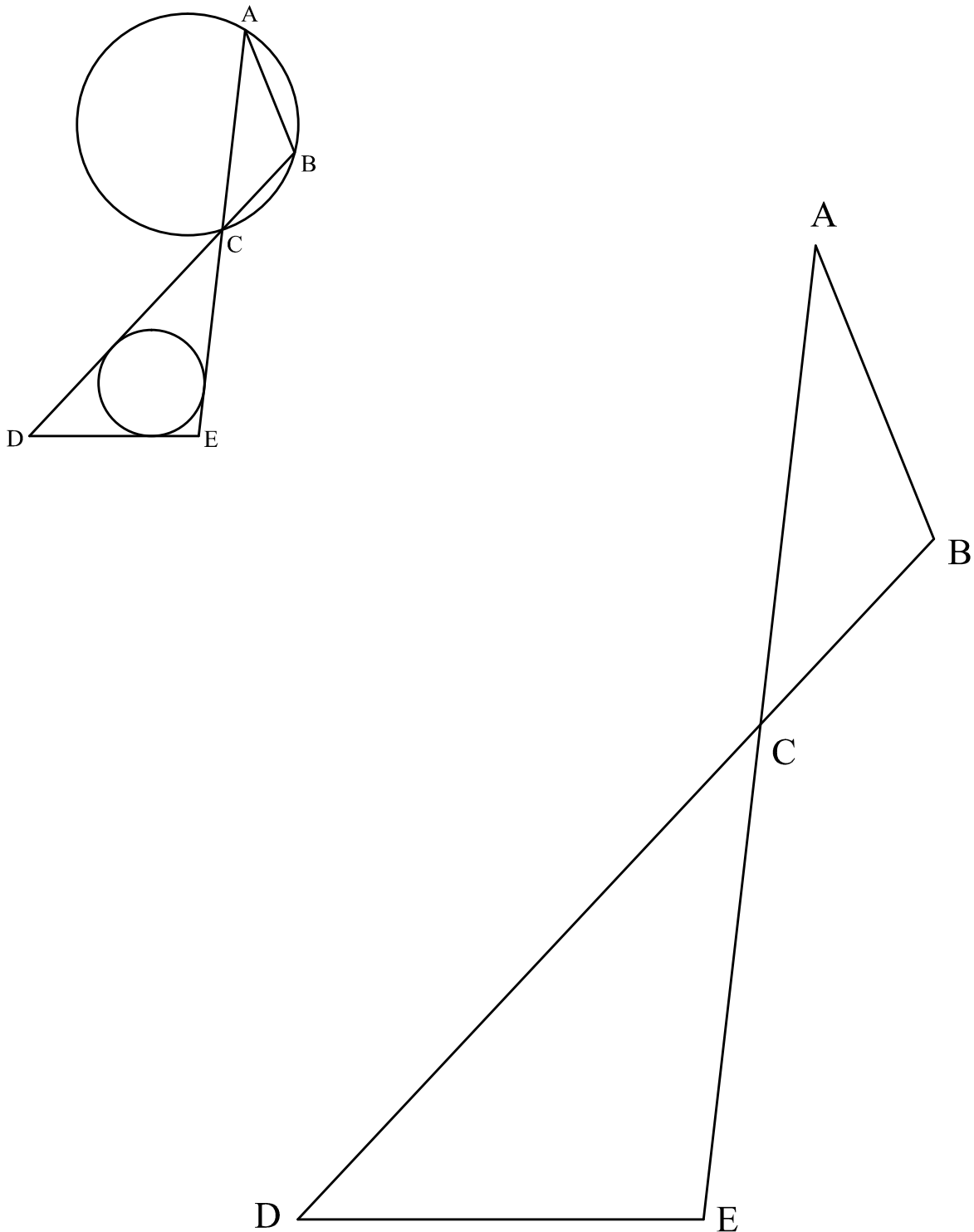
*Note: Each corner of the pentagon must touch the circle internally.*

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: \_\_\_\_\_  
 \_\_\_\_\_

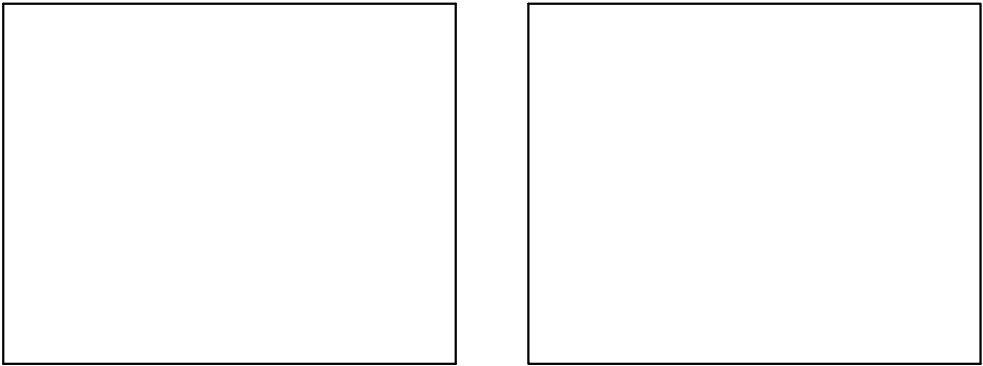


b) A large hotel is situated by the seaside.  
 A **general information sign** is needed at the reception to inform residents  
 that they can relax on a deck-chair, under an umbrella at the hotel's private beach.

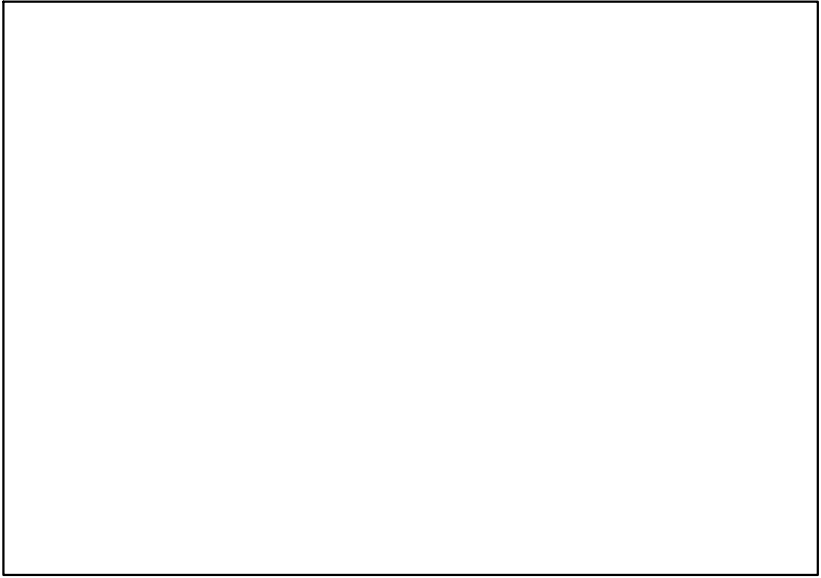
- a) Draw two preliminary sketches to develop ideas of the sign.
- b) Using drawing instruments where required, make a final drawing of the sign.

*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