INSTRUCTIONS AND INFORMATION

1. The question paper consists of FOUR questions.
2. Answer ALL the questions.
3. All drawings are in third-angle orthographic projection unless otherwise stated.
4. All drawings must be drawn to scale 1:1, unless otherwise stated.
5. The questions must be answered on the answer sheets provided.
6. All the answer sheets must be re-stapled in numerical sequence and handed in irrespective of whether the question was attempted or not.
7. Time management is essential in order to complete all the questions.
8. Print your examination number in the block provided on every answer sheet.
9. All answers must be drawn accurately and neatly.
10. Any details or dimensions not given must be assumed in good proportion.
**TOTAL 26**

1. In the box below drawn, draw in perspective, the sketch for the projection view used.
2. Where do you use the projected view?
3. Draw the front view for the object shown in view 2 and label it A-.
4. Where in the object between the holes marked X and Y on view 1?
5. Determine the dimensions: P, Q, R, S.
6. How many parts does the assembly consist of?
7. How many screws are needed to assemble the center of the body?
8. Where is the front section of the center?
9. Where is the frame of the center?
10. Where is the frame of the center?
11. Where is the section of the frame?
12. How many parts are needed to assemble the center?
13. Draw the center of the object to the drawing sheet.
14. Name the type of section cut in view 1.
15. What should be done to view 2 to include the center?

**QUESTIONS**

1. On what side was the center located?
2. Which direction was the center located?
3. How many parts are there in the center?
4. How many parts are needed to assemble the center?
5. Where is the frame of the center?

**ANSWERS**
QUESTION 2.1: (C/R)

Given: follower [R]

The displacement for the moment are as follows:

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[60]

(a)

No hidden detail is required.

Show all necessary construction.

Second surface is dashed.

Mark centre a true point of the datum at the face.

The isometric requires a datum plane of the faces and side planes.

Instructions:

By cutting plane E-F-G:

The front view of the isometric should be that of a

Given:

QUESTION 3: ISOMETRIC DRAWING
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**Assessment Criteria**

**Section**

**Total**

**Score**

**Feedback**

**Answer Sheet 4**