

University of Information Technology & Sciences (UITS)

Faculty of Science and Engineering

Department of Computer Science and Engineering

Program: B.Sc. in CSE

Drawing Quiz 02 (SET – A), Autumn 2024

Course Title: Engineering Drawing

Marks: 10

Section: 2B2

(Answer all questions)

Course Code: ME0715122

Time: 30 minutes

Questions

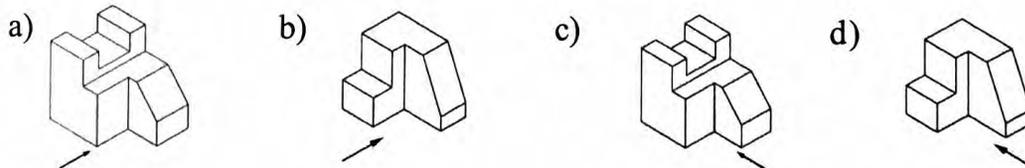
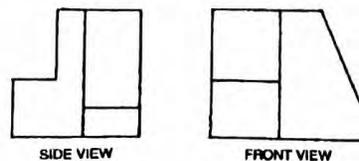
Marks

1. The view of an object produced on a vertical plane is referred to as: [01]
 - a) Top View
 - b) Left Side View
 - c) Right Side View
 - d) Front View

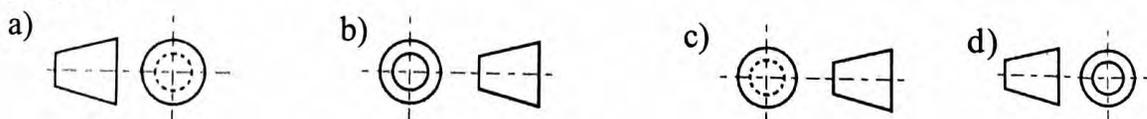
2. Which of the following drawings is an axonometric with three axes divided in equal angles? [01]
 - a) Orthographic
 - b) Dimetric
 - c) Isometric
 - d) Trimetric

3. The angle between the isometric axes and the horizontal plane is: [01]
 - a) 30°
 - b) 45°
 - c) 60°
 - d) 90°

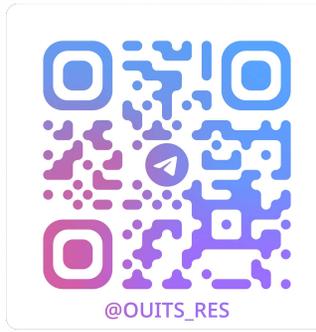
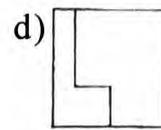
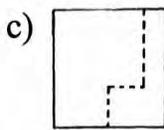
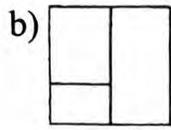
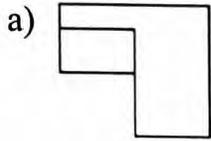
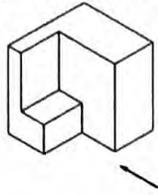
4. Which of the following is the correct isometric for the given orthographic views? [01]



5. Which of the following is conventionally used as the projection symbol for 3rd Angle projection? [01]



6. For the given isometric view, which of the following is the Top view? [01]



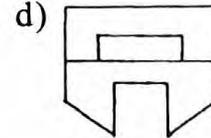
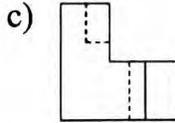
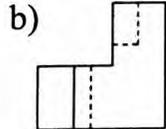
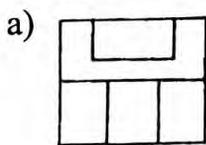
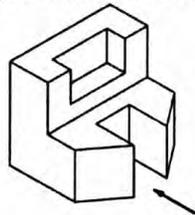
7. In the first angle projection system, the right-hand side view of an object is drawn: [01]

- a) Above the elevation
- b) Below the elevation
- c) Left of the elevation
- d) Right of the elevation

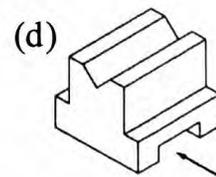
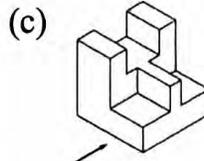
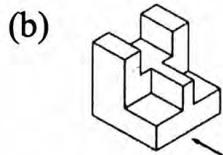
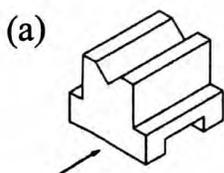
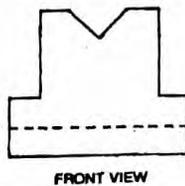
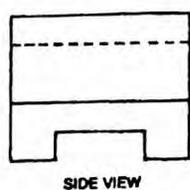
8. What is the main difference between the Metric Rule Method and the Arc Rule Method for auxiliary projection? [01]

- a) Metric Rule uses direct measurements; Arc Rule uses circular arcs.
- b) Metric Rule uses arcs; Arc Rule uses protractors.
- c) Both methods use straight lines only.
- d) The Arc Rule is faster than the Metric Rule.

9. For the given isometric view, which of the following is the Left-hand side view? [01]



10. Which of the following is the correct isometric for the given orthographic views? [01]



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(Answer all questions)

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Time: 30 minutes

Questions

Marks

1. The view of an object produced on a horizontal plane is referred to as:
- a) Top View
 - b) Left Side View
 - c) Right Side View
 - d) Front View

[01]

2. Which of the following drawings is an axonometric with three axes divided in equal angles?
- a) Orthographic
 - b) Dimetric
 - c) Isometric
 - d) Trimetric

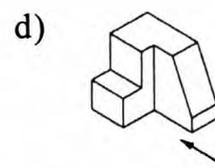
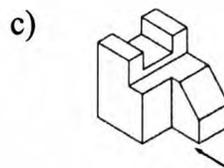
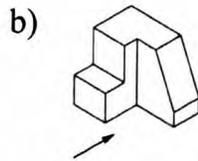
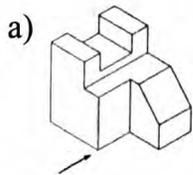
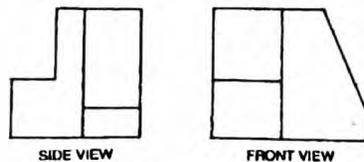
[01]

3. The angle between the isometric axes and the horizontal plane is:
- a) 30°
 - b) 45°
 - c) 60°
 - d) 90°

[01]

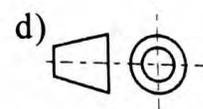
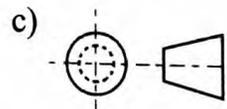
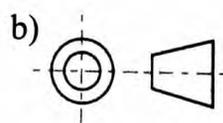
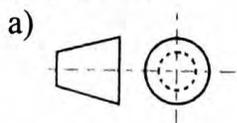
4. Which of the following is the correct isometric for the given orthographic views?

[01]

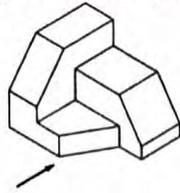


5. Which of the following is conventionally used as the projection symbol for 1st Angle projection?

[01]



6. For the given isometric view, which of the following is the Top view? [01]



- a) b) c) d)

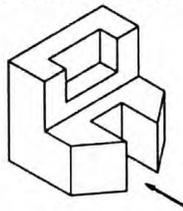
7. In the third angle projection system, the right-hand side view of an object is drawn: [01]

- a) Above the elevation
- b) Below the elevation
- c) Left of the elevation
- d) Right of the elevation

8. In the Metric Rule Method, projection lines are always drawn: [01]

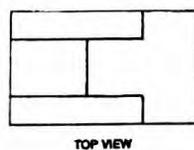
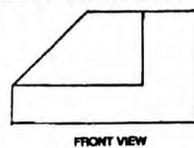
- a) Parallel to the inclined surface
- b) Perpendicular to the inclined surface
- c) At 45° to the inclined surface
- d) Randomly across the drawing

9. For the given isometric view, which of the following is the Left-hand side view? [01]



- a) b) c) d)

10. Which of the following is the correct isometric for the given orthographic views? [01]



- (a) (b) (c) (d)

