

Mechanical Engineering Department

Engineering Drawing & Graphics (ME-111)

Mid Semester Exams

Max. Marks: 30

Time Allowed: 90 Minutes

Note: Draw neat and clean geometries. Also write Steps of Construction

Question 1:✓

The major axis of an ellipse is 150 mm long and minor axis is 100 mm long. Find the foci and draw the ellipse by "Arcs of Circles" Method.

Question 2:✓

A circle of 50 mm diameter rolls on the circumference of another circle of 175 mm diameter, inside it. Trace the locus of a point 'P' on the circumference of the rolling circle for one complete revolution. Name the curve.

Question 3:

a)✓ A point 'A' is situated in 1st Quadrant. Its shortest distance from the intersection point of H.P., V.P., and auxiliary plane is 60 mm and it is equidistant from the principal planes. Draw projections of the point and determine its distance from the principal planes.

b)✓ Differentiate between First Angle Projection Method and Third Angle Projection Method. Also differentiate by graphical symbols.

Mechanical Engineering Past Papers N4

Karin Nielsen-Saines



Mechanical Engineering Past Papers N4:

Unveiling the Magic of Words: A Report on "**Mechanical Engineering Past Papers N4**"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their ability to kindle emotions, provoke contemplation, and ignite transformative change is actually awe-inspiring. Enter the realm of "**Mechanical Engineering Past Papers N4**," a mesmerizing literary masterpiece penned by way of a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve to the book is central themes, examine its distinctive writing style, and assess its profound affect the souls of its readers.

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