

University Roll No. - T91/ECE/204058

Subject - Engineering Drawing

Semester - 2nd

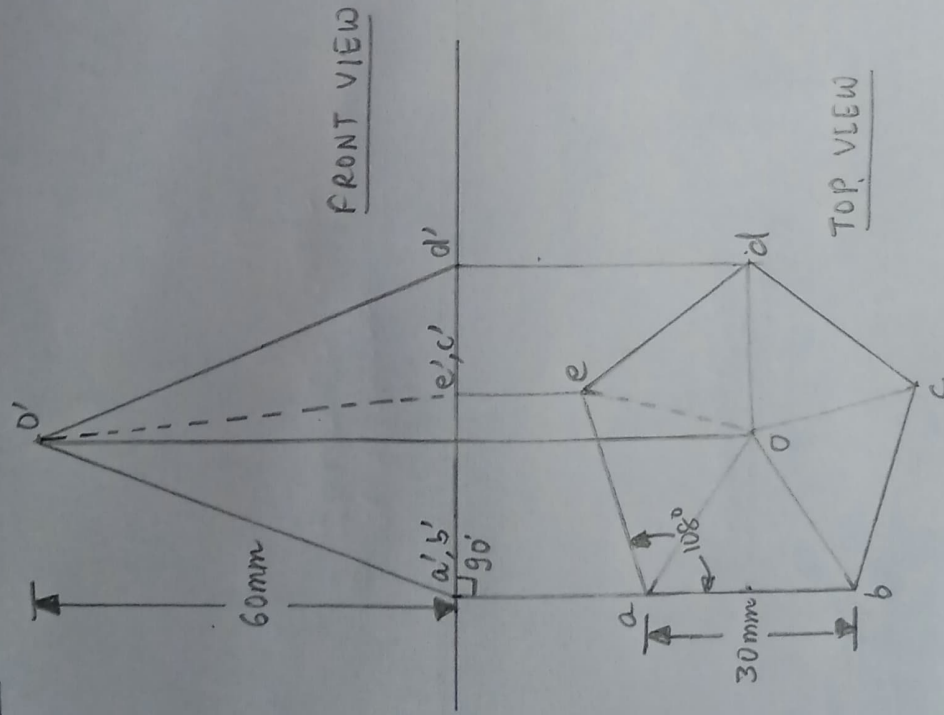
Paper code - ME 208

Date - of - Examination - 04 - 08 - 2021

Signature - Archana k n.

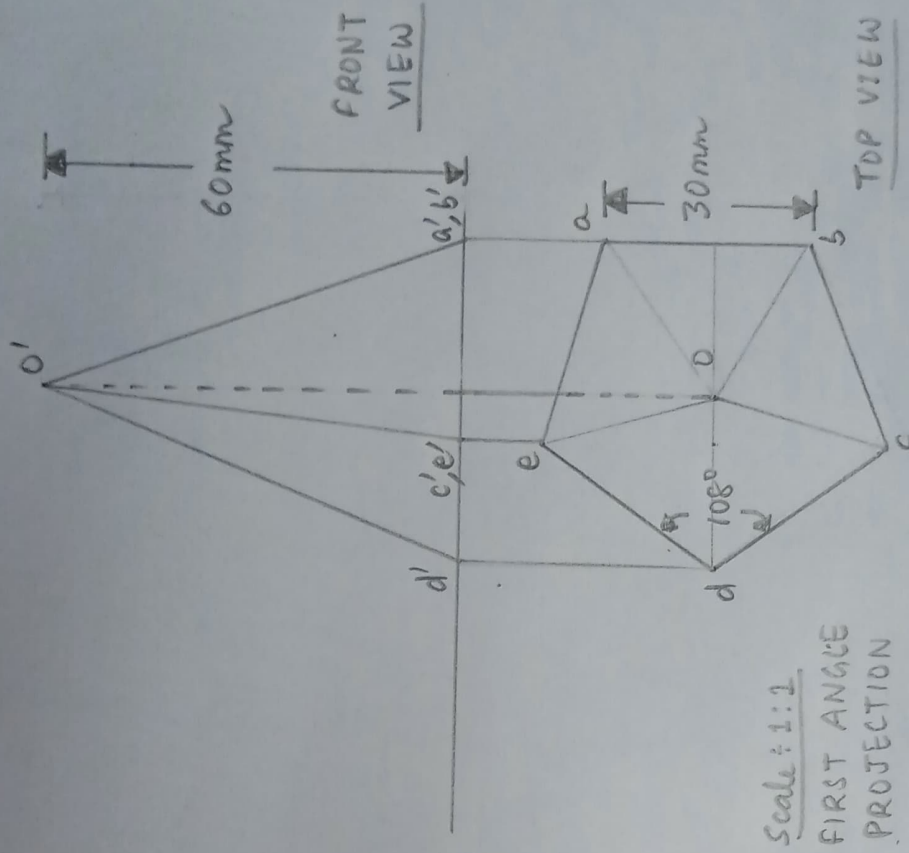
Case I: PENTAGONAL PYRAMID

(1)



Scale: 1:1

FIRST ANGLE PROJECTION



Scale: 1:1

FIRST ANGLE PROJECTION

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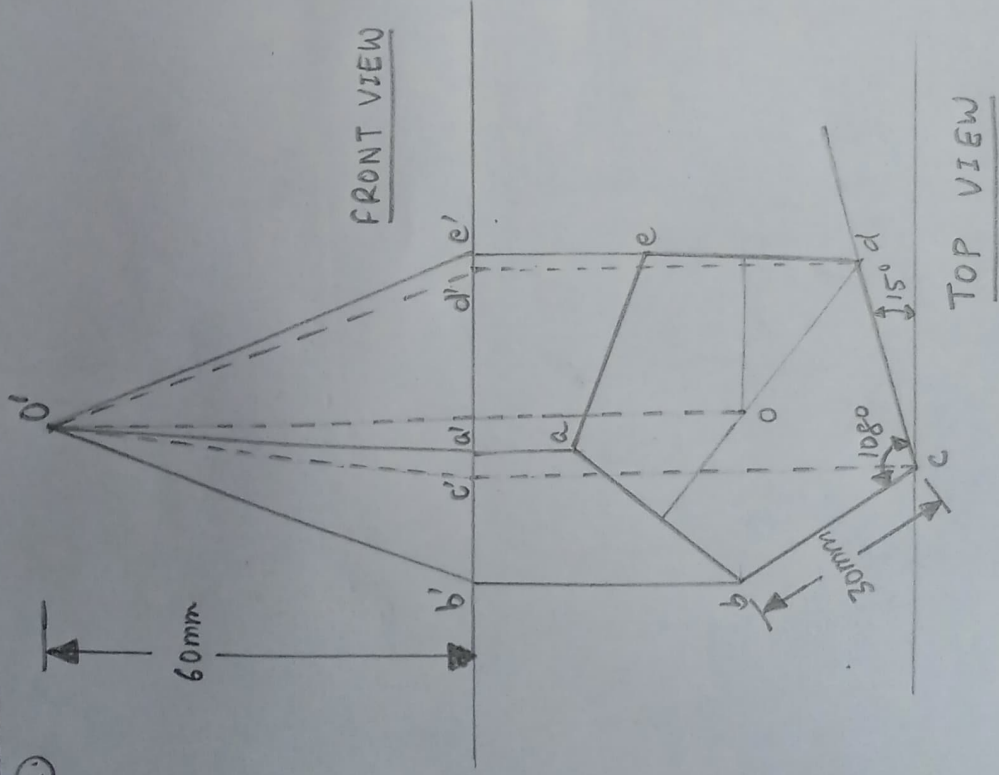
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Date of Examination: 04-08-2021 Signature: Archane K n.

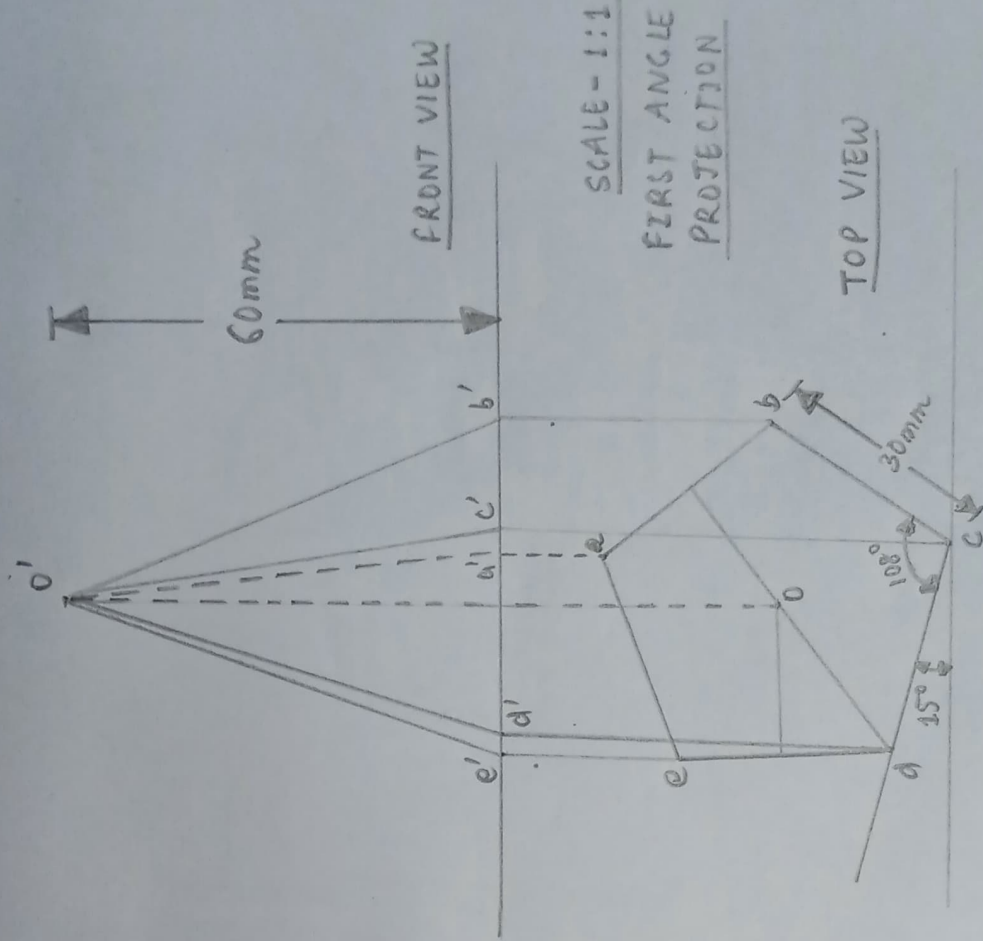
Case II: PENTAGONAL PYRAMID

①



SCALE: 1:1

FIRST ANGLE PROJECTION



SCALE: 1:1

FIRST ANGLE PROJECTION

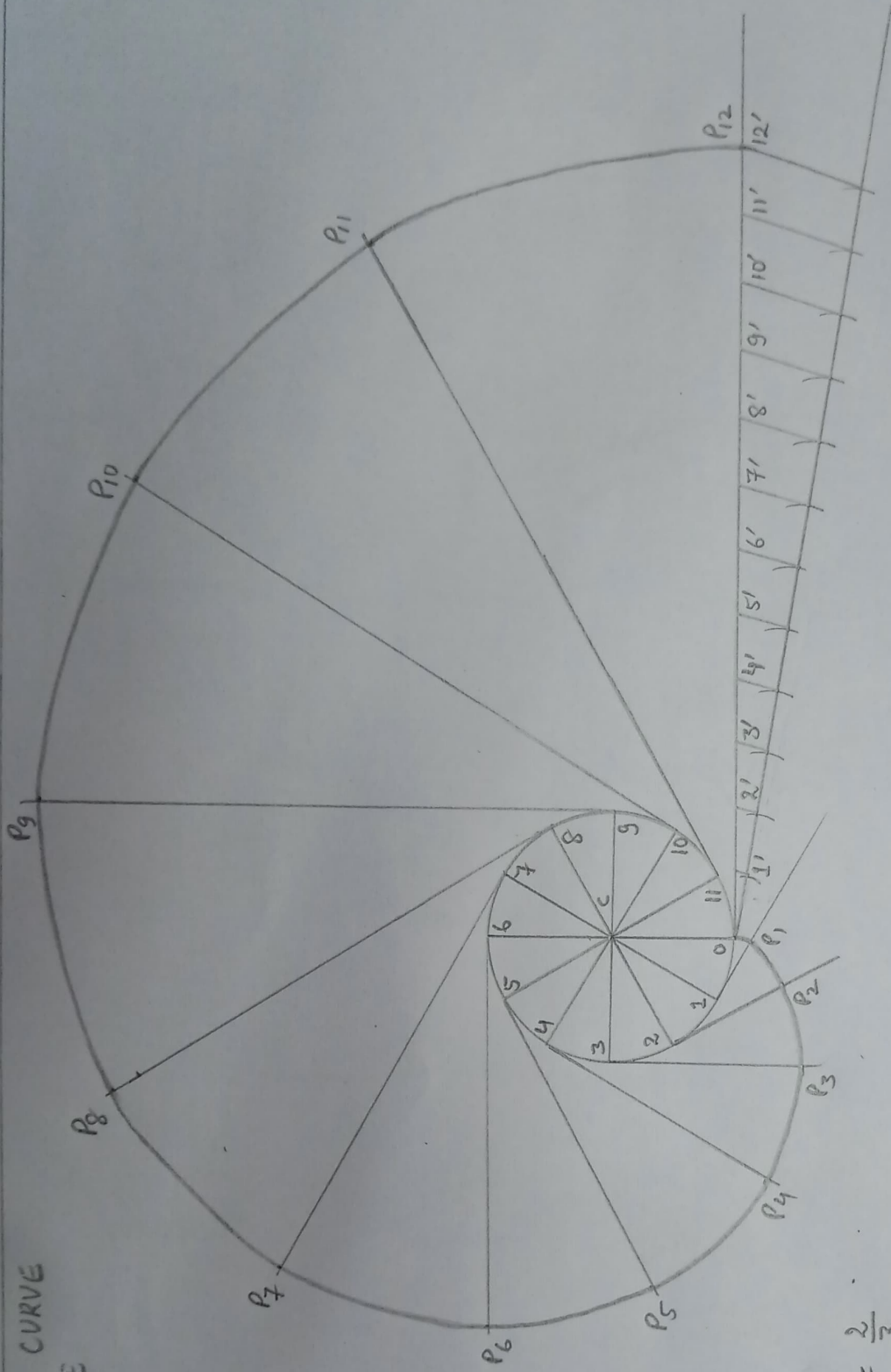
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04-08-2021

② INVOLUTE CURVE OF A CIRCLE



$$RF = \frac{40 \text{ mm}}{60 \text{ mm}} = \frac{2}{3}$$

$$\text{CIRCUMFERENCE} = 2\pi (20) \text{ mm}$$

$$L = 125.6 \text{ mm}$$

$$L = 12.56 \text{ cm}$$

$$\text{Scale} : 2:3$$

$$\text{Diameter} = 60 \times \frac{2}{3} = 20 \text{ mm}$$

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