

PRACTICAL EXAM

WINTER - 2020-21

NAME OF THE STUDENT : KRISH P SHAH

ENROLLMENT NUMBER : 200004-0104

EXAM SEAT NUMBER : 281636

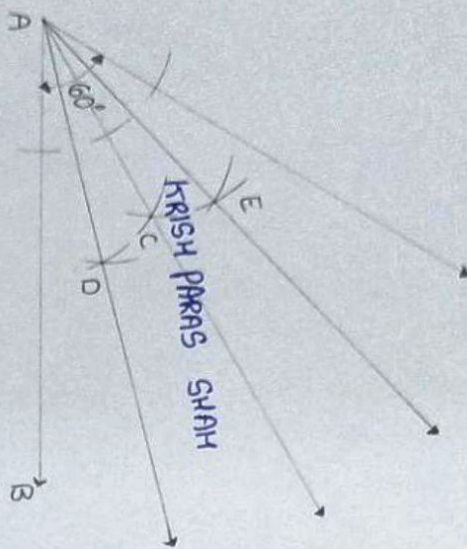
NAME OF SUBJECT : E G E

WITH CODE : 22003

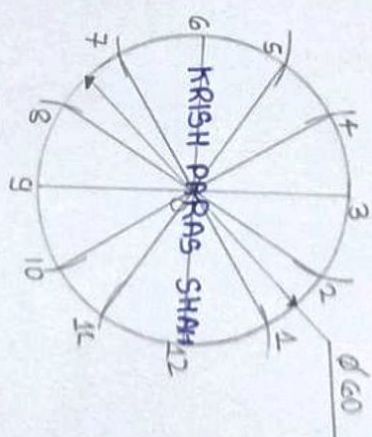
DATE OF EXAMINATION : 19/03/2021

Q.1. SOLVED ANY TWO (10)

Q.1. H) Divide a given angle in four equal parts.



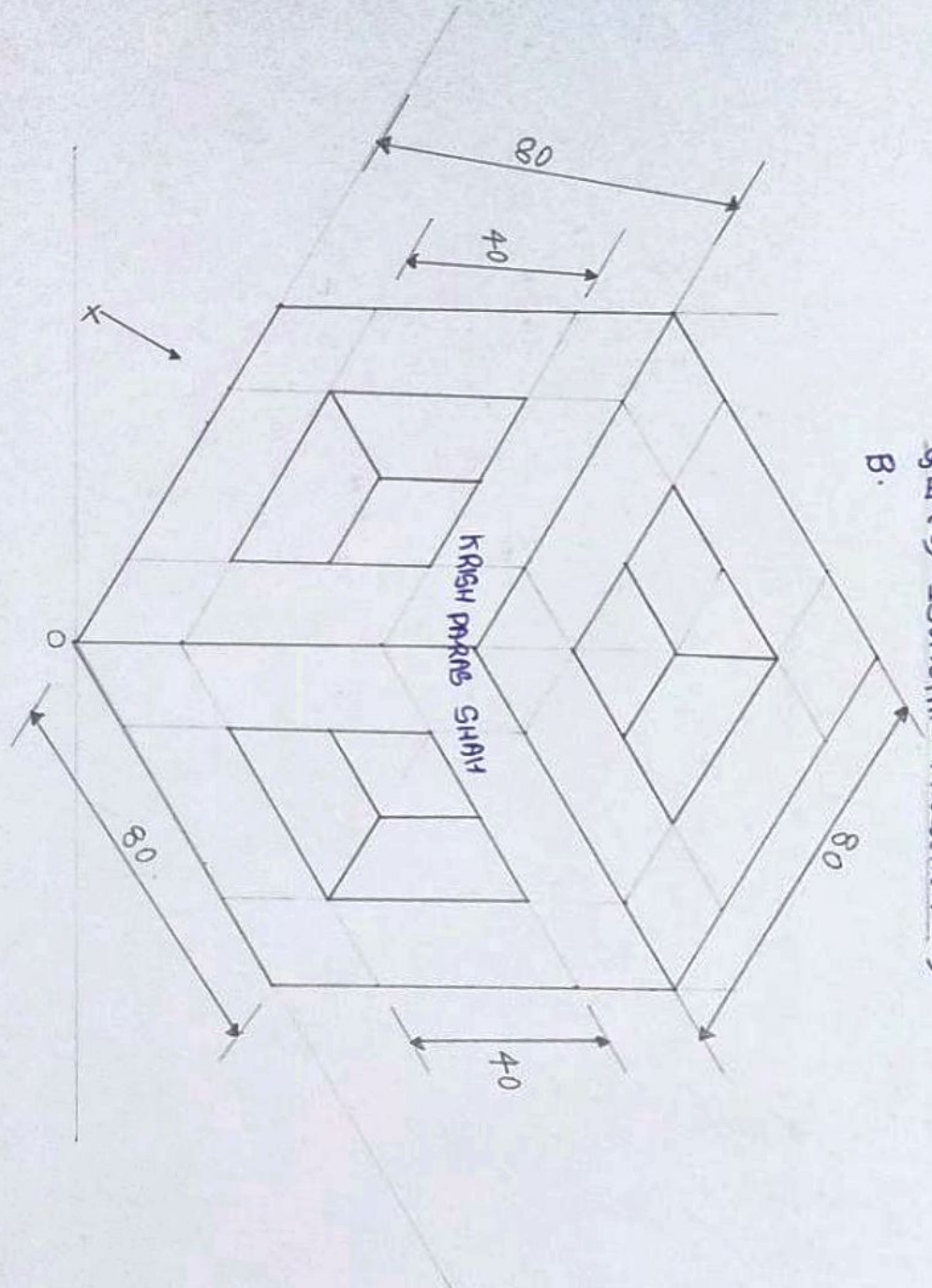
Q.1. J) Divide a circle of radius 30mm in 12 equal parts using set square.



Hand-drawn engineering drawing of a mechanical part, labeled "KRISH RARE SHAH". The drawing shows a top view of a component with a central circular feature and four smaller circular features arranged around it. Dimensions include a total width of 125, a central hole diameter of 12, and various radii (R10, R12, R54, R30, R36) and angles (30 degrees). The text "KRISH RARE SHAH" is written in the center.

Q. III-(B) ISOMETRIC PROJECTION (10)

B.



Q. III (A) ORTHOGRAPHIC PROJECTION (10)

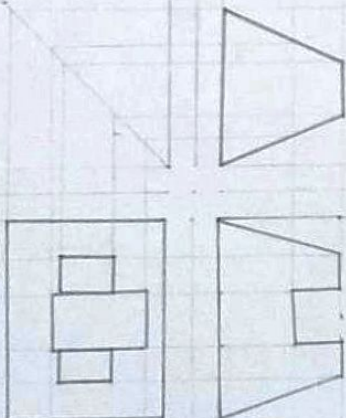
X - Axis

KRISH PARAS SHAH

X - Axis

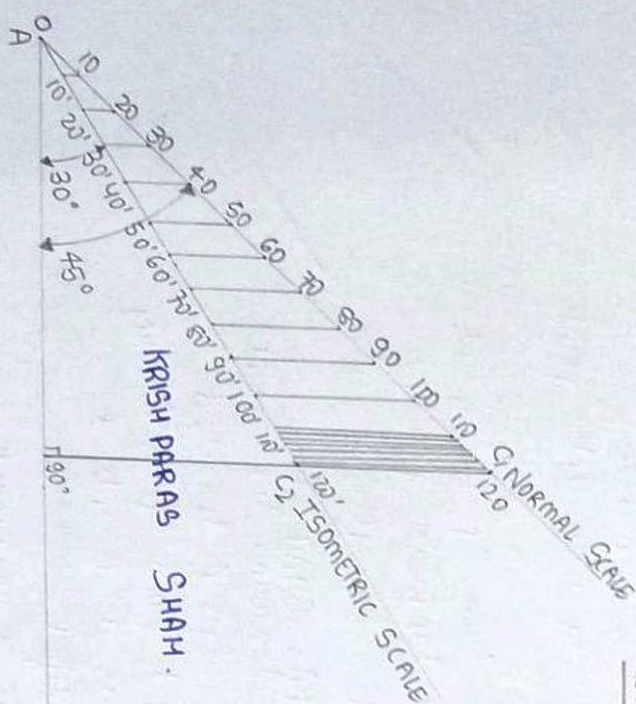
Y - Axis

Y - Axis



Q IV. (A) DRAW AN ISOMETRIC SCALE (5)

10mm (NORMAL SCALE) = 0.816 ISOMETRIC SCALE



Q. IV. (B) Give MIN. 10 AUTOCAD COMMANDS (5)

Line: It is used to draw the line segments.

Circle: It is used to create circle using given center point and radius.

Arc: It is used to create an arc from specific point.

Rectangle: It is used to create rectangular polygon.

Center: It is used to create ellipse by specified center point.

Rotate: It is used to rotate object around base point.

Fillet: It Rounds and Fills the edges of the object.

Erase: It is used to remove object from given drawing.

Text: Display text on screen as it is entered.

Table: Creates an empty table object.

Mirror: It is used to create a mirrored copy of selected object.