



MACHAKOS UNIVERSITY

University Examinations for 2021/2022 Academic year

SCHOOL OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTING AND INFORMATION TECHNOLOGY

FIRST YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE (CIVIL ENGINEERING)

ECV 200: ENGINEERING DRAWING II

DATE:

TIME:

INSTRUCTIONS: Answer Question ONE and any other TWO Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) A cone OF diameter 60mm and height 70mm is lying on the ground with one of its generators its parallel to v.p. It is cut by a vertical section plane inclined at 40 degrees to the V.P. Draw the sectional front view, top vie and true shape of the section. (15 marks)
- b) A pentagonal pyramid, side of base 25 mm and height 60 mm has one of its slant (triangular) faces on the H.P. and the edge of base contained by that slant edge makes an angle 30 degree to the V.P. Draw its projections. (15 marks)

QUESTION TWO (20 MARKS)

- a) The figure below shows an isometric view of an object. Draw the following views.
- Front view in direction of arrow
 - Top view
 - Side view from right.

