TERTIARY AND VOCATIONAL EDUCATION COMMISSION

Fluid Power Technology

NVQ Level 5 Semester I Examination

Engineering Drawing - E40C00M01

Instructions to Candidates:

Answer question 01 in SECTION I, any one (01) question from SECTION II and any one (01) question from SECTION III.

Time: 03 hours
Total Marks: 100

SECTION I

1. Figure 01 shows the details of a Hardy Spicer universal joint. Assemble the different parts in their correct places in the front elevation of the universal joint.

![Figure 01](image)

Figure 01

(50 Marks)
SECTION II

If you were asked to produce the given Figure 02 OR Figure 03 drawings “CRANK PULLEY/ENGINE PISTON” using Auto CAD, write down briefly in point form how you would prepare the drawing environment.

02.

![Figure 02](image1)

(25 Marks)

03.

![Figure 03](image2)

(25 Marks)
SECTION III

Draw the intersection lines of the front view of the following objects and develop the inclined parts of the objects

04.

![Figure 04](image)

(25 Marks)

05.

![Figure 05](image)

(25 Marks)