Council for Technical Education and Vocational Training
Office of the Controller of Examinations
Sanothimi, Bhaktapur
Regular/Back Exam – 2078, Magh/Phalgun (Special Scholarship)

Program: Diploma in Civil Engineering   **Full marks: 40**
Year/Part: I/II (2013)   **Pass marks: 16**
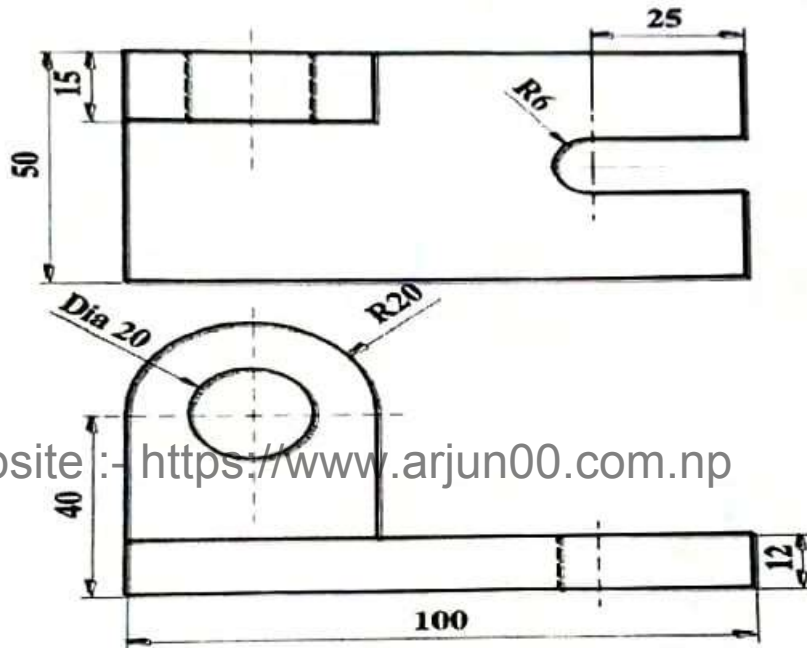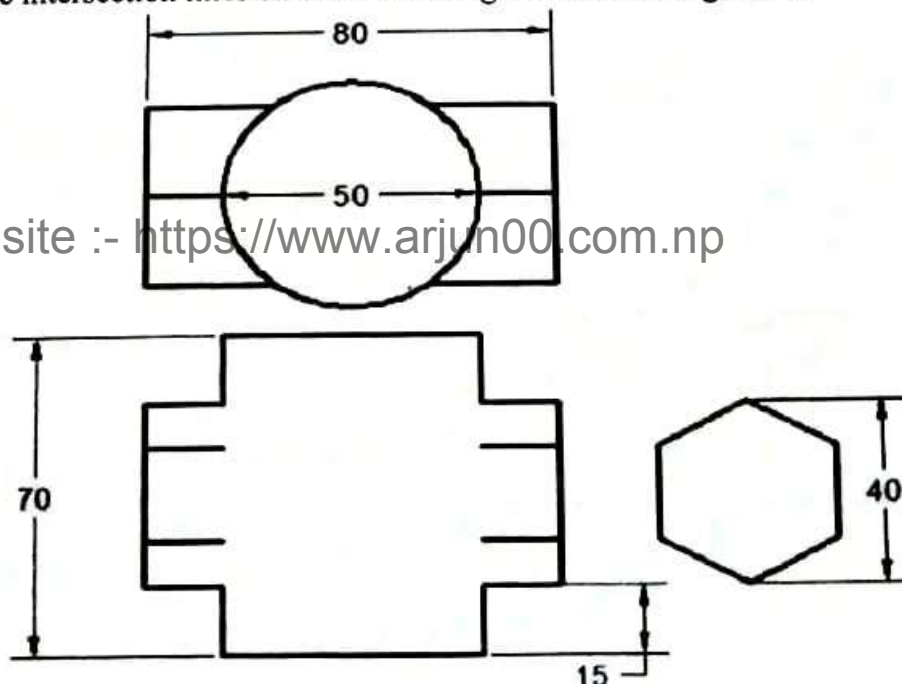Subject: Engineering Drawing – II   **Time: 3 hrs**

The figures in the margin indicate full marks.

Attempt all questions.

1. The front view of line AB whose end A is 15 mm above HP and 12 mm in front of VP measures 65 mm while top view makes an angle of 45°. If the true inclination with VP is 30°. Find the true length of line AB and its true inclination with HP, with complete projections. [6]

2. Draw isometric drawing from the given orthographic projection.   [14]

3. Develop the surface of a pentagonal prism of side 20 mm and height 40 mm.   [8]

4. Complete the intersection lines on front view of given intersecting solids.   [12]

Good Luck!