

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE –
RAIGAD -402 103**

Winter Semester Examination – Dec. 2019

Course: B. Tech (All) **Semester:** I
Subject: Engineering Graphics (EG1203)
Date: 24/12/2019 **Marks:** 60 **Time:** 4 Hrs.

Instructions to the Students

1. Each question carries 12 marks.
2. Attempt any five questions out of the following six questions.
3. Illustrate your answers with neat sketches, diagram etc., wherever necessary.
4. If some part or parameter or dimension is noticed to be missing, you may appropriately assume it and should mention it clearly

(Marks)

Q.1 a) Draw the following sentence according to drawing standard SP 46 (or any other standard convention). (6)

INDIA, that is BHARAT, shall be a Union of States.

b) Draw a regular pentagon of 30 mm side by any method and draw also a circle touching each corner of the pentagon. (6)

Q.2 Draw the following views of the object (in X – direction) shown below, by using first angle projection method.

a) Front View (6) b) Top View (6)

