

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
DIPLOMA ARCHITECTURE – SEMESTER 1– • EXAMINATION – WINTER 2018

Subject Code: 3316202

Date:10/01/2019

Subject Name: Technical Representation of Drawing-I

Time: 10:30 AM TO 01:30 PM

Total Marks: 40

Instructions:

- 1. Attempt all questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Neatness carries marks.**

- Q.1** (a) Draw an orthographic projection of 70mm line which is 30mm above H.P and 45mm in the front of V.P. **10**
(b) Draw an orthographic projection of a point, 50mm above H.P and 70mm in the front of V.P.
(c) Draw an orthographic projection of a point, 70mm above H.P and 40mm in the front of V.P.

- Q.2** (a) Draw a regular Heptagon with sides 5cm each. **10**
(b) Draft surface development of Cuboid having 6x3cm sides and 4cm height.

OR

- (a) Draft Segmental and Three centered arch.
(b) Sketch architectural symbol of trees, bed, w.c, window all in plan.

- Q.3** (a) Write the given paragraph within 5mm thick guidelines **05**
“The most important things are experience, the rasa, which is the subtle experience of the space that makes the space memorable.”
Architecture has the potential of extending the associations and enriching imagination. The designing of Indian Institute of Management, Bangalore was one such experience for him where rasa was attained by inter-mixing of spaces of interactive dialogues rather than well-defined territories such that outdoor learning could take place all over the campus, while drawing inspiration from the Royal Complex at Fatehpur Sikri. Creating the rasa is a consistently consciously thoughtful decision, which evolves when you have some elements of spirituality in your personality.

- (b) Draw a regular Pentagon with sides 6cm each . **05**
Draw a line of 10cm and divide it into 8 equal parts.

- Q.4** Draw an isometric view of a Cylinder of radius 5cm and height 8cm. **10**

OR

- Q.4** Draw an axonometric view of a Square Base Pyramid sides 5cm and height 8cm. **10**
