

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BID- SEMESTER-I EXAMINATION – SUMMER 2023

Subject Code:2X15106

Date:26-07-2023

Subject Name:Technical Representation of Drawing (TRD)-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. Simple and non-programmable scientific calculators are allowed.

Q.1 GIVE ANY FIVE ANSWERS FROM BELOW. (5)

1. What is the difference between isometry & Axonometry?
2. What is the difference between first angle and third angle orthography?
3. Divide 10 cm line into five parts methodically.
4. Draw hexagon with proper geometrical method.
5. What are the reasons why we always write in capital letters in every sheet?
6. What is isometry? On which angle it has been drawn?

Give answers any one from below questions 2 & 3. (5)

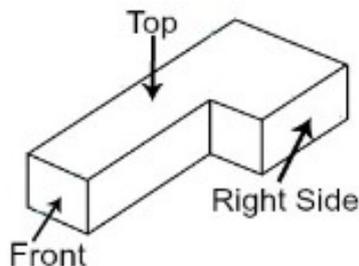
Q.2 Draw surface development of 5 cm. cube.

Q.3 Draw surface development of cone having Diameter 5 cm. and axis height 10cm.

Give answers of any three from below questions:

Q.4 Give orthography projection of given object in first angle. (10)

Q.5 Give orthography projection of given object in third angle. (10)



Q.6 Give orthography projection of given object in first angle. (10)

Q.7 Give orthography projection of following object in third angle. (10)

