



K. K. Wagh Institute of Engineering Education & Research, Nashik
(An Autonomous Institute From A.Y. 2022-23)

	In-Sem Examination-Winter 2023		
	Exam Seat No.:		
	Academic Year:2023-2024	Semester:I	
	Name of Programme: B.Tech	Pattern:2023	
	Name of Course: Engineering Drawing	Course Code: 2300110A	
	Max. Marks: 30	Duration:1 hr	

Instructions: Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.

1. This question paper contains one page.
2. Answer to each new question is to be started on a new page.
3. Assume suitable data wherever required, but justify it.
4. Draw the neat labelled diagrams, wherever necessary.
5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question

Question No. 1 Attempt following Question

A)

A 65 mm long line CD has an elevation length 45 mm and plan length 60mm. Point C is 15 mm above HP and 10 mm in front of VP. Draw the projections of line and find its true and apparent inclinations with reference planes. (15) CO4

OR

B)

A line AB of 57 mm length is inclined at 35^0 to HP and 30^0 to VP such that its point A is on HP and 15 mm in front of VP. Draw the projections of line and find its elevation length, plan length and apparent inclinations with reference planes. (15) CO4

Question No. 2 Attempt following Question

A)

An isosceles triangular plane of base side 30 mm and altitude 70 mm is resting on HP on its base side such that its surface makes 35^0 with HP and altitude of it makes 25^0 with VP. Draw the projection of plane. (15) CO4

OR

B)

A hexagonal plane of 32mm side is resting on HP on one of its sides such that its surface makes 50^0 with HP and resting side makes 45^0 with VP. Draw the projections of the plane. (15) CO4

