# CAD (3161903) MID SEM (CO2) 2020-21 PART 4 (2020_MECH_3161903_CAD)
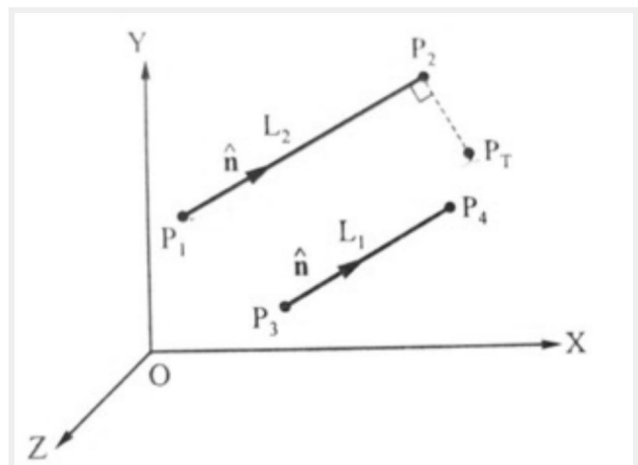
The exam is as per Course Outcome for ease to map cos; total mark will be converted to the mid Sem component as per GTU syllabus

(1) ATTEMPT ALL QUESTIONS, (2) QUESTION 1 IS IN OPTION WITH QUESTION 2, (3) FOR MARKING BEST OUT OF TWO WILL BE CONSIDERED

* Required

* This form will record your name, please fill your name.

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Find the end point of line P2 which passes through a point P1 and it is trimmed by a point PT as shown in fig. the line is parallel to an existing line passing through P3 and P4. Where P1 (2+n1, 5), PT (11, 7+n2), P3 (5, 2+n1), P4 (10+n2, 6)

n1= second last digit of your enrollment no.
n2=last digit of your enrollment no
Example: - if your enrollment number is 170310119005 than   n1= 0 and n2=5 *
(5 Points)

Determine the distance between a point (P1) and a line (P2 and P3) in CAD/CAM system. Where P1(8+n1, 9+n2) and P2( 4+n1, 2+n1) and P3 (15+n2,9+n2)
n1= second last digit of your enrollment no.
n2=last digit of your enrollment no
Example: - if your enrollment number is 170310119005 than   n1= 0 and n2=5 *
(5 Points)