Name: Rakshith .R   USN: 18G17ME068

Put tick mark √ for the correct answer, all question carry one mark and question number 15 carry 6 marks

1. A higher pair has_____.
a. Point contact ✓   b. Surface contact
c. No contact   d. None of the above

2. Module of a gear is
a. D/T   b. T/D ✓   c. 2D/T   d. 2T/D

3. In which of the following type of gear train the first gear and the last gear are co-axial.
a. Simple gear train   b. Compound gear train
c. Reverted gear train ✓   d. None of the above

4. Which gear train is used for higher velocity ratios in a small space?
a. Simple gear train ✓   b. Compound gear train
c. Reverted gear train   d. Epicyclic gear train

5. What is the number of instantaneous centres for an eight link mechanism?
a. 15   b. 28   c. 30   d. 8 ✓

6. Cam size depends upon
(A) Base circle ✓
(B) Pitch circle
(C) Prime circle
(D) Outer circle

7. The example of rolling pair is
(a) bolt and nut
(b) ball and socket joint ✓
(c) ball bearing and roller bearing
(d) all of the above.

8. Kinematic pairs are those which have two elements that
(a) have line contact
(b) have surface contact ✓
(c) permit relative motion
(d) are held together

Name: Subhash Jadav. B   USN: 15G17ME085

Put tick mark √ for the correct answer, all question carry one mark and question number 15 carry 6 marks

1. A higher pair has_____.
 a. Point contact ✓   b. Surface contact
 c. No contact   d. None of the above

2. Module of a gear is
 a. D/T ✓   b. T/D   c. 2D/T   d. 2T/D

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 (a) bolt and nut
 (b) ball and socket joint
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8. Kinematic pairs are those which have two elements that
 (a) have line contact
 (b) have surface contact
 (c) permit relative motion ✓
 (d) are held together

Name: Santhosh kumar.S   USN: 1SG17ME077

Put tick mark √ for the correct answer, all question carry one mark and question number 15 carry 6 marks

1. A higher pair has_____.
a. Point contact   b. Surface contact
c. No contact   d. None of the above

2. Module of a gear is
a. D/T   b. T/D   c. 2D/T   d. 2T/D

3. In which of the following type of gear train the first gear and the last gear are co-axial.
a. Simple gear train   b. Compound gear train
c. Reverted gear train   d. None of the above

4. Which gear train is used for higher velocity ratios in a small space?
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