

Roll No.

24413

**B. Tech. 6th Semester (AUE) (Only for
Re-appear) Examination – October, 2020**

TWO AND THREE WHEELERS

Paper : AUE-306-F

Time : 1.45 Hours] [Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *three* questions. All questions carry equal marks.

1. Write short notes on the following :

- (a) Battery coil spark ignition system
- (b) Rear suspension- systems
- (c) Cast wheel
- (d) Auto Trailer
- (e) Spoked wheel

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2. Explain two stroke and four stroke SI engine along with its relative advantages, disadvantages and application.
 3. Explain different system used in three wheelers.
 4. Describe the various types clutches used in the vehicle.
 5. What is chassis ? What are important points you keep in your mind while designing the chassis vehicle.
 6. Explain the various types of brakes used in two wheelers with neat sketch.
 7. Explain the construction of tubeless tyres, why it is better than conventional tyres ?
 8. Case the study of one major Indian models of motorcycles.
 9. Compare the Case study of Front engine and rear engine of Indian Models.
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