

SHAHEED BHAGAT SINGH STATE TECHNICAL CAMPUS, FEROZEPUR

ROLL No:

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Total number of pages:[1]

Total number of questions: 06

B.Tech. || CSE || 5th Sem

Automobile Engineering

Subject Code: BTME-501A/501RP

Paper ID: M18

2015 batch,

Max Marks: 60

Time allowed: 3 Hrs

Important Instructions:

- All questions are compulsory
- Assume any missing data

PART A (2×10)

Q. 1. Short-Answer Questions:

All COs

- How would you describe general layout and type of automotive vehicle?
- What is Carburetion?
- How would you explain Mac Pherson suspension system?
- How would you differentiate between rear wheel and front wheel drive?
- What is the preventive maintenance?
- How would you explain frameless and unitary construction?
- How would you explain crank case ventilation and dilution?
- How would you explain various types of tyre wear?
- What is a universal joint?
- What is engine tuning?

PART B (8-9)

Q. 2. How would you explain in detail vehicle performance curves?

CO₂

OR

How would you explain exhaust emission control system?

CO₂

Q. 3. How would you explain MPFI (Petrol) fuel injection system?

CO₂

OR

How would you explain different system of Lubrication?

CO₂

Q. 4. How would you explain transistorized ignition system?

CO₂

OR

How would you explain the working of Power Steering and its uses?

CO₂

Q. 5. How would you explain Mechanical and Hydraulic breaks?

CO4

OR

How would you explain differential?

CO₂

Q. 6. How would you do troubleshooting and rectification in different systems?

CO₂

OR

What are the major tools used for maintenance of automobile.

CO₂