

2202M011

BACHELOR OF BUSINESS ADMINISTRATION

Retail Management

Subject: Basic Automobile Technologies

Subject Code: ME-506

Semester: First

February 2022

Theory (External): 70 Marks

Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of objective type in nature. All questions are compulsory. Each question carries 2 marks.
3. Section B comprises 8 essay type questions out of which students need to do any 5. Each question carries 10 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything on the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number

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SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10x2=20 Marks)

- A) What do you mean by engine?
- B) Explain the concept of engine cleaning.
- C) Define the Law of perfect steering.
- D) What do you mean by Brake system?
- E) Highlight the role of any two safety equipment in automobile vehicle.
- F) What do you understand by corrective maintenance?
- G) Discuss the functionality of central lock.
- H) Discuss ANT and AT transmission available in the market.
- I) Discuss any two component of automobile vehicle.
- J) State any importance of Wheel balancing for the costumer.

SECTION –B (ESSAY TYPE QUESTIONS)
(5x10=50 Marks)

1. What do you understand by automobile engine? With the help of neat sketch show the working of its various components.
2. Write short note:
 - a) Wheel Alignment
 - b) Smoke emission
3. Write in detail the different classifications of wheels.
4. Discuss in detail the functions of braking system. Also highlight the working of different types of brakes.
5. Discuss the air conditioning system in car. Also discuss the benefit of automatic air conditioning system and its requirements.
6. What do you mean by engine? Discuss the different types of engine available in the market.
7. Write short note :
 - a) Air bags
 - b) Need for child lock
8. What do you understand by suspension? Why it is needed? Critically analyse the importance of rubber suspension.

*****END OF PAPER*****