



B.E DEGREE EXAMINATIONS: APRIL 2018

(Regulation 2014)

Eighth Semester

AUTOMOBILE ENGINEERING

U14AUTE31 : Vehicle Transport Management

COURSE OUTCOMES

CO1: Understand the concept of Personal Management and Selection Process

CO2: Understand the passenger and goods Transport Management System

CO3: Understand the Motor Vehicle Act

CO4: Understand the Automotive Vehicle Maintenance

Time: Three Hours

Maximum Marks: 100

Answer all the Questions:-

PART A (10 x 1 = 10 Marks)

1. Matching type item with multiple choice code

CO3 [K₁]

List I	List II
A. Rolling Resistance	i. Police Vehicle
B. Pre-Trip Inspection	ii. Fuel Economy
C. State Express Service	iii. 450 km to 500 km
D. Blue and White color code	iv. Under garage Leaks

- | | A | B | C | D |
|----|-----|----|-----|----|
| a) | ii | i | iii | iv |
| b) | iii | iv | ii | i |
| c) | ii | iv | iii | i |
| d) | iii | i | ii | iv |

2. Which method will provide cheap fare in long travel?

CO4 [K₁]

- | | |
|-------------------------------|-----------------------------|
| a) Straight line scale method | b) Tapered Scale method |
| c) Flat fare method | d) Concessional fare method |

10. Timing belt replacement is a _____ type of maintenance procedure. CO1 [K₂]
- a) Check up b) Regular maintenance
c) Preventive Maintenance d) None of the above

PART B (10 x 2 = 20 Marks)

(Answer not more than 40 words)

11. What are the Functions of HR Manager? CO1 [K₁]
12. Define Personnel Management. CO1 [K₂]
13. Explain Stage Carriage CO2 [K₁]
14. Name any two types of Line Markings present on road signals. CO2 [K₁]
15. Write down the application of CPM. CO3 [K₂]
16. Name any two Traffic Offences under Motor Vehicle Act. CO3 [K₁]
17. State the Purpose of Temporary registration? CO4 [K₁]
18. Show any two Cautionary traffic signs their significance. CO4 [K₂]
19. What are the different types of tire threads? CO4 [K₁]
20. What are the benefits of Preventive maintenance? CO4 [K₁]

Answer any FIVE Questions:-

PART C (5 x 14 = 70 Marks)

(Answer not more than 300 words)

Q.No. 21 is Compulsory

21. Explain about the steps involved in the selection process. CO1 [K₁]
22. Explain briefly about the structure of Passenger Transport Organization. CO2 [K₂]
23. i) Write down the classification of Passenger Vehicles (7) CO2 [K₂]
ii) Explain Peak Hour Demand and list out some of the solutions to handle Peak hour demand. (7)
24. Write a note on advance techniques in Traffic Management System and GPS system. CO3 [K₂]
25. Write short notes on Motor Vehicle Act and explain any one chapter in detail. CO4 [K₂]

26. What are the steps involved in tire rotation process and explain the procedure of wheel Balancing. CO4 [K2]
27. List out some of the maintenance procedure for better fuel economy control? CO4 [K₂]