

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]
(2125)

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B. Tech 8th Semester Examination

Transport Management (OS)

AU-8001

Time : 3 Hours

Max. Marks : 100

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

Note : Attempt any five questions selecting at least one from each of the sections A, B, C and D. Section E is compulsory.

SECTION - A

1. Draw the neat sketch of Depot layout & give facilities available in the Depot Layout. (15)
2. What is preventive maintenance? Explain various elements of preventive maintenance. (15)

SECTION - B

3. Explain in detail the role of public relation division in public transport undertakings. (15)
4. Explain in detail the role and significance of publicity department in the transport undertaking. (15)

SECTION - C

5. (a) Explain the basic factors affecting route planning.
(b) Explain the basic factors involved in preparing crew scheduling. (7½×2=15)

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6. (a) Discuss the basic factors in preparation of bus scheduling.
(b) State the factors affecting the punctuality of public service vehicle. (7½×2=15)

SECTION - D

7. Explain EPKM, CPKM & break-even point. (15)
8. Describe the influence of mileage on operating cost/mile with respect to public service vehicle. (15)

SECTION - E

9. (a) Name some traffic control devices. (5)
(b) What are the responsibilities of transport system? (5)
(c) What are the demerits of flat fare system? (5)
(d) What are the different types of costs in a transport company? (5)
(e) State the necessity of insuring the vehicles. (4)
(f) Why is the knowledge of transport laws and regulations essential for a manager? (4)
(g) What is uneven tyre wear? (4)
(h) Discuss the fare collection systems in transport organization. (4)
(i) Compare Way bill and Bell punch system. (4)