

Register Number :

Name of the Candidate :

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DIPLOMA EXAMINATION, 2010

(AUTOMOBILE MAINTENANCE)

(PAPER - III)

130. AUTOMOBILE MAINTENANCE

December]

[Time : 3 Hours

Maximum : 100 Marks

*Answer any FIVE questions,
choosing THREE from Part-A and TWO
from Part - B.*

All questions carry equal marks.

PART - A (3×20=60)

1. Explain in detail about the general service manual and parts manual. (20)
2. Explain the trouble shooting and remedies of electrical system and suspension system. (20)
3. Explain the possible causes and remedies of petrol and diesel engines. (20)

Turn Over

4. Write short notes on the following :

- (a) Excessive gear noise.
- (b) Hard shifting.
- (c) Gear refusing to disengage.
- (d) Slipping gear. (20)

5. (a) What are the starting motor troubles ?
How do they occur ? (10)

(b) Why does a spark plug fail to function?
(5)

(c) Why and how is a spark plug cleaned ?
(5)

6. (a) Explain the possible causes and remedies
of MPFI system. (10)

(b) Write short notes on the following : (10)

(i) High fuel consumption.

(ii) Engine noise.

PART - B (2 × 20 = 40)

7. Explain the trouble shooting and remedies of
air conditioning and electrical accessories. (20)

8. Explain in detail about manufacturers service
manual and garage equipment. (20)

9. (a) What are the steering troubles and their
causes ? (10)

(b) What is the function of steering in motor
vehicle? (10)

10. (a) Why are the brakes necessary in
automobiles? (5)

(b) Give main troubles of brakes and their
causes. (15)