

Roll No.

--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages: 02
Total No. of Questions: 09

B. Tech.(AE) (Sem.-7th)
VICHICLE MAINTENANCE AND DIAGNOSTICS
Subject Code: BTAE-702
Paper ID: [A2933]

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATE:

1. *Section –A, is Compulsory.*
2. *Attempt any four questions from Section-B.*
3. *Attempt any two questions from Section-C.*

Section –A**(10x2=20)**

Q.1. Write briefly:

- (a) Discuss the role of front manager.
- (b) What are the objectives of CBM?
- (c) Explain spectroscopy
- (d) What is reliability centred maintenance?
- (e) What is the role of propeller shaft?
- (f) Explain non standard tool
- (g) Explain engine tuning.
- (h) Discuss decarburizing
- (i) Explain wheel aligner.
- (j) Explain ECM.

Section –B**(4x5=20)**

- Q.2. What are the main objectives of maintenance?
- Q.3. Explain the maintenance schedule for clutch
- Q.4. Discuss the tire maintenance and wheel balancing.
- Q.5. Discuss lubricant SAE 20-30.
- Q.6. Explain the maintenance of leaf spring. .

Section –C

(2x10=20)

- Q.7. What is analyzer? Explain engine analyzer and exhaust analyzer.
- Q.8. How equipments are important for vehicle maintenance? Discuss the painting and testing equipments.
- Q.9. What is inspection by measurement? Explain engine inspection sheet.

*******END*******