

Question Bank (G scheme)

Name of subject: AUTOMOBILE ENGINEERING

Subject code: 17526

Semester: V

Unit Test :I

Course : ME

CHAPTER 1

1. Give classification of automobiles. (3M)
2. Explain importance of aerodynamic body shape. (3M)
3. Write status of automobile market in India. (4M)
4. Draw layout of automobile. (3M)
5. List vehicle manufacturer in India. (4M)

CHAPTER 2

6. Explain working of single plate clutch. (4M)
7. Explain need of gearbox. (3M)
8. Explain resistances to be overcome by vehicle. (3M)
9. Explain working of torque converter. (8M)
10. Explain working of propeller shaft. (3M)
11. Explain working of diaphragm clutch. (4M)
12. Explain working of epicyclic gear box. (3M)
13. Explain working of transfer case. (8M)
14. Explain working of multiplate clutch. (8M)
15. Explain working of overdrive. (4M)
16. Draw the sketch of constant mesh gear box. (4M)
17. Draw the sketch of synchromesh gear box. (4M)
18. Write different stresses to be resisted by rear axle. (3M)
19. List type of rear axle and explain any one. (3M)
20. Differentiate between single plate and multiplate clutch. (4M)
21. Differentiate between live axle and dead axle. (4M)

CHAPTER 3

22. Explain pinion gear steering mechanism. (3M)
23. Explain recirculating gear steering mechanism. (4M)
24. Explain power steering. (8M)
25. Differentiate between disk and mechanical brakes. (4M)