**PROBABLE QUESTIONS OF AUTOMOBILE ENGINEERING**

**6TH SEMESTER MECHANICAL ENGG**

**PREPARED BY: MR SANTOSH KUMAR JENA, PTGF in Mechanical Engg**

1. Define automobile.

2. Draw the layout of Automobile chassis and explain it.

3. Describe Single clutch system.

4. Describe double clutch system.

5. What is the working principle of Gear box?

6. Write the construction and working of a 4 speed gear box.

7. Write the concept of Automatic gear changing mechanism.

8. What is breaking systems in automobiles?

9. Discussed about mechanical brake.

10. Discussed about Hydraulic brake.

11. Discussed about Air brake.

12. Define auto electric system.

13. With neat sketch explain Wiring diagram of horn circuit.

14. What is spark plug?

15. Description of the conventional suspension system for rear and front axle.

16. With neat sketch explain telescopic shock absorber.

17. Explain the causes and remedies of tyre wear.

18. Describe the function of Lubrication.

19. Describe the lubrication system of I.C. engine.

20. Explain about the fuel and ignition system of Petrol engine.

21. Explain about the fuel and ignition system of Diesel engine.

22. Describe the working principle of fuel feed pump, injector and fuel filter.

23. Describe the working principle of fuel injection system for multi cylinder engine.

24. Describe battery ignition system

25. Explain carburetion

26. Explain Air fuel ratio

27. Describe the necessity of engine cooling.

28. What is propeller shaft?

29. Write the common ignition troubles and its remedies.

30. Describe vacuum brake.