

As per the last digit of your roll number come prepared on the given questions.

Question A

1. What is cradling dynamometer?
2. What is the role of a governor in Diesel engine?
3. What is the use of decompression lever?
4. Why is gear ratio 8 at starting and 1.5 at 60 kmph for an automobile?
5. What is the gear ratio for self starter?
6. What is the role of hook holding a ceiling fan?
7. How is an IC Engine cooled and when should it not be cooled?
8. What is friction horse power and what does it comprise
9. What is mep? For identical swept volumes, meps and rpms what is the difference between the horse powers of 2 and 4 stroke engines?
10. Two stroke engines have lower rpms than four stroke ones; why?

Question B: Write short notes on:

1. Transmission
2. Drive Line
3. Overdrive
4. Rear Axle Assembly
5. Frame, Body and their relation to suspension.
6. Wheel- Hub Assembly
7. Front Wheel Alignment
8. Automobile Axles
9. Steering System
10. Power Steering and Power Brakes