

SECTION-B

2. Classify the special purpose vehicles and explain them with appropriate application.
3. Explain Working of braking system used in special purpose vehicles.
4. Discuss about construction feature of dumper.
5. Write briefly about multi-axle vehicles.
6. What are the design features of mobile cranes? How its stability is achieved?

SECTION-C

7. Discuss in detail about working, principle and design consideration of braking system used in tractors.
8. Explain all the aspects of different systems used for earth moving machines.
9. Write briefly about :
 - a) Differential lock
 - b) Forces acting on a tractor on move.