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- b) Vehicle information number
c) Both A & B
d) None of the above
- Q.5 Why bumpers are used in cars? (CO-4)
a) To reduce the impact in case of low speed Collisions.
b) To improve the aerodynamic of a car
c) To increase the engine performance
d) None of above
- Q.6 The friction disc is positioned between the flywheel & the- (CO-2)
a) Engine b) Crankshaft
c) Pressure Plate d) None of above
- Q.7 The power train transmits power from engine to the (CO-3)
a) Crank shaft b) Rear wheels
c) Front wheels d) Steering gear
- Q.8 If two meshing gears have 4.1 gear ratio & the smaller gear has 12 teeth, the large gear will have (CO-3)
a) 12 teeth b) 24 teeth
c) 36 teeth d) 48 teeth
- Q.9 Unit of power to - (CO-1)
a) Watt b) Watt/hour
c) Newton d) None of above

- Q.10 The central portion of the wheel is called. (CO-3)
a) Rim b) Scale
c) Hub d) Axle

SECTION-B

Note : Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Clutch is located between ____ and _____. (CO-2)
Q.12 The type of rear axle used in trucks are _____. (CO-4)
Q.13 Transfer box is in ____ vehicles. (CO-3)
Q.14 Steering system converts __ motion into __. (CO-7)
Q.15 Define frame. (CO-2)
Q.16 Define chassis. (CO-2)
Q.17 What do you mean by camber? (CO-7)
Q.18 Define engine. (CO-1)
Q.19 What is the function of clutch? (CO-3)
Q.20 Write down different types of clutches. (CO-3)

SECTION-C

Note : Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Explain about leading manufactures of automobiles in India. (CO-1)
Q.22 Define constant mesh gear box. (CO-3)
Q.23 What is the principle of steering? (CO-7)
Q.24 Explain necessity of slip joint. (CO-4)