

- Q.28 Explain torque converter. (CO-1)

Q.29 Explain the working of synchromesh gear box in brief? (CO-4)

Q.30 Write down the working of Hotchkiss drive. (CO-5)

Q.31 Explain principle of differential. (CO-7)

Q.32 Explain Ackerman's steering mechanism. (CO-8)

Q.33 Explain full floating axle. (CO-7)

Q.34 Explain wheel alignment necessity. (CO-8)

Q.35 Define steering fault and their remedies. (CO-8)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three Questions. (2x10=20)

- Q.36 Explain the construction & working of differential.(CO-8)

Q.37 Explain construction & working of constant mesh gear box. (CO-4)

Q.38 Explain construction & working of multiplate clutch with diagram. (CO-3)

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4th Sem.
Branch : Auto
Subject : Chassis, Body & Transmission-I

Time : 3 Hrs. M.M. : 100

SECTION-A

Note: Multiple choice Questions. All Questions are compulsory. (10x1=10)

- Q.1 Which of the following is not a part of transmission system. (CO-4)

 - a) Clutch
 - b) Axles
 - c) Wheels
 - d) Gear Box

Q.2 Underbody coating is a protective layer applied to the underside of a vehicle. (CO-2)

 - a) Guard against corrosion, abrasion, & damages
 - b) Aesthetic look
 - c) Speed increase
 - d) None

Q.3 Automobile can be classified based on which of the following? (CO-1)

 - a) Transmission
 - b) Fuel
 - c) Drive
 - d) All above

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SECTION-B

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

- Q.11 Write name of two wheeler manufacturer in India. (CO-2)

Q.12 The type of rear axle used in trucks are (CO-7)

Q.13 Transfer box is in _____ vehicles. (CO-4)

Q.14 Steering system converts _____ motion into _____. (CO-8)

Q.15 Write Material of vehicle body. (CO-2)

Q.16 Write material of chassis. (CO-2)

Q.17 What do you mean by camber? (CO-8)

Q.18 Define 4 wheel drive. (CO-1)

Q.19 What is the function of clutch? (CO-3)

Q.20 Write types of axle. (CO-7)

SECTION-C

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

- Q.21 Explain necessity of automobiles in India. (CO-1)

Q.22 Define interior fittings in vehicle. (CO-2)

Q.23 Explain the working principle of steering system.(CO-7)

Q.24 Explain necessity of car accessories. (CO-4)

Q.25 Write down the faults & their causes in transmission. (CO-4)

Q.26 Describe the function of Transmission. (CO-4)

Q.27 Write down about friction lining materials in brief. (CO-3)

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