

## **SECTION-B**

**Note:** Short answer type questions. Attempt any six questions out of Eight questions.  $(6 \times 5 = 30)$

- Q.11 Write a short note on Development of the tractor and its basic functions.
- Q.12 What are the functions of the centrifugal and semi-centrifugal clutch?
- Q.13 Discuss the advantages of epicyclic gearbox.
- Q.14 What do you understand by 4 wheel drive ?
- Q.15 What do you understand by Hotchkiss drive ? Write a short note on it.
- Q.16 Write about double reduction differential.
- Q.17 What are the tyre troubles and their causes?
- Q.18 What do you understand by tubeless tyre ? Write its advantages.

## **SECTION-C**

**Note:** Long answer type questions. Attempt any one questions out of two questions.  $(10 \times 1 = 10)$

- Q.19 Explain briefly about the construction and working principle of centrifugal type clutch.
- Q.20 What are the different types gearboxes used in an automobile ? Explain any one of if with neat diagram?

No. of Printed Pages : 2

Roll No. ....

188644

DVOC ( Level -4)

Sem - II / Trade DVOC ( Auto, Servicing AMT)  
Subject : Motor Vehicle Technology - I

Time : 2 Hrs.

M.M. : 50

## **SECTION-A**

**Note:** Very short answer type questions . Attempt all ten question  $(10 \times 1 = 10)$

- Q.1 Horse power
- Q.2 Rear overhang
- Q.3 Transmission system
- Q.4 Torque
- Q.5 Sliding mesh
- Q.6 Torque converter
- Q.7 Slip joints
- Q.8 Tractor Axle
- Q.9 Tubeless tyre
- Q.10 Tyre retreading