



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Major Examinations 2022

(Under CBCS Pattern)

Semester - IV

Subject : AUTOMOBILE MAINTENANCE

Paper : C 8-T

Chassis, Frame & Body, Brake & Braking System, Wheel & Tyres

Full Marks : 40

Time : 2 Hours

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Group-A

Answer any **four** of the following questions :

5×4=20

1. (i) What is chassis? 5
- (ii) What is bumper? 3+2
2. (i) List the various component of chassis. 5
- (ii) What are the maintenance of frame? 2+3
3. (i) What is brake? 5
- (ii) Give the classification of brake? 3+2

4. (i) What do you mean by power brake?
(ii) What is air brake? 3+2
5. (i) What is tyre?
(ii) Give the classification of tyre. 3+2
6. (i) Write down few points controlling the stop of an automobile. 5

Group-B

Answer any *two* of the following questions : 10×2=20

7. (i) What is rim?
(ii) Give the classification of rim.
(iii) Write down few points about the tyre materials. 2+2+6
8. (i) What is the main function of muster cylinder?
(ii) What do you mean by tubeless tyre?
(iii) Write down few advantages of hydraulic brake?
(iv) What is oil seal? 2+2+4+2
9. (i) Write down few advantages and disadvantages of rear engine drive.
(ii) What is four wheel drive?
(iii) What do you mean by sub-frame? 6+2+2
10. Explain the following automobile safety system :
- (i) Wind shield
(ii) Traction control
(iii) Seat belt

10