

2019

MAJOR

First Semester Examination

**AUTOMOBILE MAINTENANCE**

Paper—C 1-P

[Principles of automobile]

Full Marks : 20

Time : 3 Hours

*The figures in the margin indicate full marks.  
Candidates are required to give their answers  
in their own words as far as practicable.*

Answer any one question selecting it by a lucky draw.

1. Write down safety precaution of use of electrical instruments (volt meter, ammeter and Ohm meter)
2. Write down briefly with neat diagram of butt joint, with the help of electric arc welding.
3. Check the cooling system of the car and set it again properly.
4. Study the different engine components of the given 4-stroke engine.

[ Turn Over ]

5. Draw a diagonal scale, its R.F is  $\frac{1}{500}$  and maximum measure up to 500 meters. Find the length of the scale of 155 meter.
6. Draw a hexagon whose base side is 30 mm.
7. Disassemble the sprak plug. Find out the defect (if any), try to repair it. Assamble it properly.

**Distribution of Marks**

Experiment	15 marks
Laboratory Note book	02 marks
Viva voce	03 marks
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Total	20 marks
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