

End Semester Examinations - 2015-16 Even Semester - May 2016

14ME2017 Basic Automobile Engineering

Set B

Time : 3 hrs
Total Marks: 100

1. Briefly explain about the multiplate clutch with a neat sketch (20)
OR
 2. Sketch and explain the construction and operation of a constant mesh Gear box. (20)
 3. Explain briefly the Diesel cycle with the help of p-v and T-S diagrams
OR
 4. Describe the various types of fuels used in an I.C engine.(20)
 5. With the help of neat sketch explain the two stroke diesel engine.(20)
OR
 6. Distinguish between the petrol engine and diesel engine (20)
 7. Explain the pressure lubricating system with the help of a neat sketch (20)
OR
 8. (a) Describe the construction and working of a Spark plug with the help of suitable diagram (10)
(b) Explain in detail about the engine cooling system (10)
 9. Discuss the current trends in automobiles in detail. (20)
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Wishing you All the Best
