

8. When the piston of a two stroke. Single cylinder engine move from BDC to TDC?
 - (A) transfer port open and intake port closes
 - (B) exhaust port open and transfer port closes
 - (C) exhaust port and transfer port opens
 - (D) none of these
9. The number of Crankshaft for opposed piston engine is :
 - (A) one
 - (B) two
 - (C) three
 - (D) four
10. The ratio of Brake thermal efficiency to indicated thermal efficiency is known as :
 - (A) Mechanical efficiency
 - (B) Relative efficiency
 - (C) Air standard efficiency
 - (D) Calorific value efficiency
11. Chemically correct air fuel mixture ratio for SI engine is around :
 - (A) 15 : 1
 - (B) 9 : 1
 - (C) 6 : 1
 - (D) 12 : 1
12. In Otto cycle, the addition of heat takes place at :
 - (A) Constant pressure
 - (B) Constant volume
 - (C) Partially at constant pressure
 - (D) Any of the above
13. Which of the following is true for a two stroke engine?
 - (A) fuel efficiency is more than four stroke engine of same size
 - (B) higher oil consumption
 - (C) used for two wheelers only
 - (D) eco friendly
14. Which type of nozzle can be used for facilitating pilot injection before the main injection?
 - (A) Single hole nozzle
 - (B) Multi hole nozzle
 - (C) Pintle nozzle
 - (D) Pintaux nozzle
15. At the ventury throat of the Carburettor the velocity of air is :
 - (A) Maximum
 - (B) Decreases
 - (C) Increases
 - (D) Remains same as before

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