

1. William's law give a straight line graph between the Rate of Steam consumption and. (Chatt-08)
 - a) Pressure of Steam
 - b) temp^r of Steam
 - c) Volume of Steam
 - d) Indicated H.P.
2. The specific fuel consumption of a diesel engine as compared to that for Petrol engine is. (Chatt-08)
 - a) low
 - b) High
 - c) Same
 - d) None
3. Indicate Power of a four stroke engine is. (SSC JE-07)
 - a) PLAN
 - b) 3 PLAN
 - c) $\frac{PLAN}{2}$
 - d) 4 PLAN
4. An engine working on Stirling cycle b/w the same temp^r limit as that of Carnot cycle, has air standard efficiency (UKD-08)
 - a) more than Carnot cycle
 - b) Equal to Carnot cycle
 - c) less than Carnot cycle
 - d) depends upon other factors also.
5. Morse Test is used for multicylinder spark Ignition engine to determine. (SSC JE-08)
 - a) Thermal efficiency
 - b) mechanical efficiency
 - c) volumetric efficiency
 - b) Relative efficiency
6. Actual Power generated in engine cylinder is known as. (IOP-14)
 - a) Brake horse power
 - b) Indicated Horse Power
 - c) one boiler horse power
 - d) Fractional horse power.
7. The Indicator on engine is used to determine. (SSC JE-14)
 - a) Speed
 - b) Temp^r
 - c) IHP & M.C.P
 - d) B.H.P
8. Morse test is conducted on multicylinder engine to find the engine's. (SSC JE)
 - a) stroke length
 - b) Emission Performance
 - c) Comp. Ratio
 - d) Indicated Power.
9. The Ratio of Brake Power to Indicator Power of ICE is. (MP-11) (UP-16)
 - a) mechanical efficiency
 - b) Thermal efficiency
 - c) volumetric efficiency
 - d) Relative efficiency
10. The Parameter to be kept constant during Morse test is. (Raj-16)
 - a) load on the engine
 - b) speed of the engine
 - c) Brake Power of the engine
 - d) Temp^r of exhaust gases

1- d 2- a 3- c 4- c 5- b 6- b 7- c 8- d 9- a 10- b

11. Power developed inside the engine cylinder is called. (Raj-16)
- a) Indicated power b) Brake power c) Friction power d) Thermal power
12. Unit of brake specific fuel consumption. (Raj-16)
- a) kg-hr-kw b) kg-hr/kw c) kw-hr/kg d) kg/kw-hr
13. Odometer is an instrument which measure. (Raj-16)
- a) fuel consumption b) Pressure of lubricating oil c) Speed of the vehicle
d) Distance travelled by the vehicle.
14. In a variable speed SI engine the max torque occurs at the max. (Chatt-08)
- a) speed b) Brake Power c) Indicated power d) volumetric effie.



11-a 12-d 13-d 14-b