

Physics Fsc Part 1 Chapter 11 Online Test

Sr	Questions	Answers Choice
1	Environmental crisis are also known as	A. Population crisis B. Entropy crisis C. War crisis D. Mass crisis
2	If heat is added to a system, then its entropy will.	A. Increases and positive B. Decrease and positive C. Increases but negative D. Decreases but negative
3	When hot and cold water are mixed, the entropy.	A. Decreases B. Increases C. Remain constant D. Zero
4	When temperature of source and sink of a heat engine becomes equal then the entropy change will be.	A. zero B. Minimum C. Maximum D. Negative
5	The increase in thermal pollution of environment means.	A. Increase in the entropy B. Decrease in the entropy C. Entropy remains constant D. Entropy becomes zero
6	Not change in entropy of a system after one complete Carnot cycle is.	A. Positive B. Negative C. Zero D. None of these
7	Entropy of measure of.	A. Internal energy of system B. Order of system C. Disorder of system D. Potential energy of system
8	In reversible process the entropy of system.	A. Remain constant B. Decrease C. Increase D. Becomes zero
9	Efficiency of steam locomotive is.	A. 8% B. 10% C. 9% D. 7%
10	The entropy of the universe with passage of time is.	A. Increases B. Decreases C. Remain constant D. Increases and decreases
11	Force acting on the piston to move outward is.	A. Compressive stroke B. Power stroke C. All stroke D. Exhaust stroke
12	A cycle of petrol engine undergoes	A. Two process B. Three process C. Four process D. single process
13	The number of spark plug needed in diesel engine is	A. 0 B. 2 C. 3 D. 4
14	The efficiency of diesel engine is about	A. 25% to 30% B. 35% to 40% C. 40% to 50% D. 50% to 60%
15	No spark plug is needed in the	A. Petrol engine B. Diesel engine C. Gas engine D. Water engine

16	The actual efficiency of properly turned petrol engine is.	A. 20% to 30% B. 30% to 35% C. 40% to 45% D. 25% to 30%
17	The temperature scale which is independent of nature of substance is.	A. Thermodynamic scale B. Centigrade scale C. Fahrenheit scale D. Regnault scale