

## Physics ICS Part 1 Full Book Mcq's Online Test

Sr	Questions	Answers Choice
1	An immediate source of energy for our body is:	A. mango B. <span style="color: rgb(32, 33, 36); font-family: arial, sans-serif; font-size: 32px;">Glucose</span> C. mushroom D. meat
2	Environmental crisis are also known as	A. Population crisis B. Entropy crisis C. War crisis D. Mass crisis
3	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
4	When hot and cold water are mixed, the entropy.	A. Decreases B. Increases C. Remain constant D. Zero
5	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
6	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
7	Not change in entropy of a system after one complete Carnot cycle is.	A. Positive B. Negative C. Zero D. None of these
8	Entropy of measure of.	A. Internal energy of system B. Order of system C. Disorder of system D. Potential energy of system
9	In reversible process the entropy of system.	A. Remain constant B. Decrease C. Increase D. Becomes zero
10	Efficiency of steam locomotive is.	A. 8% B. 10% C. 9% D. 7%
11	The entropy of the universe with passage of time is.	A. Increases B. Decreases C. Remain constant D. Increases and decreases
12	Force acting on the piston to move outward is.	A. Compressive stoke B. Power stoke C. All stoke D. Exhaust stoke
13	A cycle of petrol engine undergoes	A. Two process B. Three process C. Four process D. single process
14	The number of spark plug needed in diesel engine is	A. 0 B. 2 C. 3 D. 4
15	The efficiency of diesel engine is about	A. 25% to 30% B. 35% to 40% C. 40% to 50%

D. 50% to 60%

16 No spark plug is needed in the

- A. Petrol engine
- B. Diesel engine
- C. Gas engine
- D. Water engine

17 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%