Physics Fsc Part 1 Full Book Online Test

Sr	Questions	Answers Choice
1	If the radius of droplete becomes half, then ints terminal vlocity will be.	A. Half B. Double C. One fourth D. Four time
2	Which of the following is a crystalline solid	A. NaCl B. Copper C. zirconia D. All of these
3	If a force of 10 N makes an angle of 30° with x-axis its y-component is given by	A. 8.66 N B. 0 N C. 0.776 N D. 5 N
4	The current through a conductor is 3.0 a when it is attached across a pontntial difference of 6.0 V. How much power is used.	A. 18 W B. 0.5 W C. 0.2 W D. 9.0 W
5	Optically acgive crystals are	A. Quartz B. Sodium Chlorate C. Sodium Chlorade D. Botha a and b
6	What one is not an isothermal change.	A. Melting of solid B. Bioling of liquid C. Bursting of bicycle tyre D. Slow expansion of gas
7	When two obnects are made in thermal contact heaving same temperature then they are at.	A. Thermal Equilibrium B. Chemical equilibrium C. Mechanicla Equilibrium D. Physical Equilibrium
8	Thermodynamics mostly deals with.	A. Measuremetn of quantity B. Transfer of quantity of heat C. Change of state D. Conversion of heat to other forms of energy
9	When a ball is rotation in a circular path at the end of string is released. It will move.	A. To the centre B. A way from the centre C. Along the tangent D. Opposite to the motion
10	Two pont charges A and B are separated by 10 m. If the distance between tehm is reduced to 5 m. the force exerted on each.	A. Decrease to half its original value B. Increase to twice the original value C. Increase four times to its original value D. Decreases to one quarer of its original value
11	The numebr of significant figures in the measrued mass 2500.0 kg is	A. Two B. Three C. Four D. Five
12	The force required to slid one layer onver other layer of liquid is measured by	A. Velocity B. Viscosity C. Acceleation D. Momentum
13	Venturimeger is used to measure.	A. Volume of fluid B. Mass of fluid C. Speed of fluid D. Pressure fluid

14	A solid in which atoms are in a regular order is called.	A. Crsytallne solid B. Amorphous solid C. Polymeric solid D. Glassy solid
15	Which of the following is non conservative force.	A. Elastic spring force B. Electric force C. Gravitational force D. Tension in string
16	The chagne in inernal energy is defined as.	A. Q- W B. Q- T C. Q+ P D. Q - P
17	If the resistivity of a material is large then it is.	A. Poor Conductor B. Conductor C. Good conductor D. Insulator
18	If electric current flows from top towards the bottom through a wire then the direction of lines of force would be .	A. Parallel to the wire B. Perpendicular to the wire C. Clockwise around the wire D. Anticlockwise around the wire
19	The result of constructive interference between two waves is represented as.	A. A decrease in amplitude B. An increase in amplitude C. No change in amplitude D. A shift in phase
20	The negative of potential gradient is.	A. Potential energy B. Electric field intensity C. Elelctromotive force D. Electrostataic force