

PHYSICS MCQS FOR BSN NURSING ENTRY TEST PREPARATION 2K22

- 1) 100°C is equal to
 - a) 273 K
 - b) 32° F
 - c) 373 K ☑
 - d) 104° F
- 2) Internal energy of a system depends upon it's _____ &
 - a) Pressure
 - b) Temperature ☑
 - c) Volume
 - d) Entropy
- 3) 1 Calorie = _____
 - a) 0.42 joules
 - b) 42.0 joules
 - c) 4.2 joules ✓
 - d) 420 joules
- 4) Acceleration in inertial frame is _____?
 - a) Zero ☑
 - b) Infinity
 - c) Unlimited
 - d) None
- 5) The torque which produces clockwise rotation is _____
 - a) Negative check ☑
 - b) Positive
 - c) Zero
 - d) None of these
- 6) If mass increases by four times and speed becomes half then, K.E _____
 - a) Remains same ☑
 - b) Becomes half
 - c) Doubled
 - d) None of these
- 7) Mechanical energy can be converted into _____
 - a) Light energy
 - b) Heat energy
 - c) Electric energy
 - d) A & B ☑
 - e) A & C
- 8) The ability of a body to do the work is called _____?
 - a) Energy ☑
 - b) Power
 - c) Momentum
 - d) None of these
- 9) Motion of a projectile is _____?
 - a) Two dimensional
 - b) Three dimensional
 - c) One dimensional
 - d) None of these
- 10) Newton's second law of motion is also called _____?
 - a) Law of gravitation
 - b) Law of inertia

- c) Law of acceleration
d) Law of attraction
- 11) The decrease in velocity per unit time is called _____?
a) Variable acceleration
b) Average acceleration
c) Retardation
d) None of these
- 12) The shortest distance between two points directed from its initial point to final point is called?
a) Speed
b) Velocity
c) Displacement
d) Distance
- 13) Scalar product is also called _____
a) Dot product
b) Cross product
c) Product vector
d) None of these
- 14) The sum of two or more vectors is equal to a single vector which is called?
a) Component vector
b) Product vector
c) Resultant vector
d) None of These
- 15) Significant figures in 0.0010 are :
a) Four
b) Two
c) Three
d) Five
- 16) Unit of Pressure is
a) Watt
b) Candela
c) Mole
d) Pascal
- 17) Unit is Solid angle is _____?
a) Steradian
b) Radian
c) Degree
d) Angstrom
- 18) Light year is a distance of _____?
a) Time
b) Velocity
c) Distance
d) Intensity of Light
- 19) Astrophysics deals with _____?
a) Stars & galaxies
b) Sub atomic particles
c) Light and Sound
d) None of these
- 20) Silicon can be obtained from _____?
a) Lead
b) Uranium
c) Sand
d) None of these