

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	For which process is the relation $\Delta Q = \Delta V$ true.	A. Isothermal B. Adiabatic C. isobaric D. Isochoric
2	The centre of the sun produces a large amount of energy what is the source of this energy.	A. Chemical reaction B. Nuclear fission C. Nuclear fusion D. Radioactive decay
3	When a ray of light is incident perpendicularly to the boundary of two media.	A. It pass through without bending B. Its speed is faster in the optically denser medium C. It deviates from its original path D. It is totally reflected back
4	The resistance of a capacitor when it is connected with a battery is.	A. Zero B. Finite C. Infinite D. The same
5	Interference fringe spacing depends on	A. The wavelength of light used B. The distance screen from the coherent sources C. Separation between the sources D. All of the above
6	Wave motion in air consist of	A. Longitudinal waves B. Transverse waves C. Seismic waves D. Polarized waves
7	What is the human body temperature in Celsius scale.	A. 30 °C B. 36.9 °C C. 98.4 °C D. 100 °C
8	The susceptibility of a paramagnetic material is	A. negative B. Positive C. Zero D. Infinity
9	The study of atomic structure of crystals by x rays was initiated by.	A. Mosely B. Young C. Huygen D. Bragg
10	When an electron and a positron are annihilated, then number of photons produced is.	A. 1 B. 2 C. 3 D. 4
11	A bi prism consists of.	A. Two parallel glass plates B. Two acute angled prisms C. Two obtuse angled prisms D. Two right angled prisms
12	On which property of lens, longitudinal chromatic aberration depend upon	A. Resolving power B. Dispersive power C. Magnifying power D. Radius of curvature
13	Viscosity will be maximum when	A. Water is at 20 °C B. Honey is at 20 °C C. Water is at 100 °C D. Milk is at 100 °C
14	The electromagnetic waves propagated outing space from antenna of a transmitter are known as.	A. Infrared waves B. Light waves C. Radio waves D. X-rays
15	When transvers wave travelling in a less dense medium is reflected at an interface with a more dense medium	A. A trough becomes a crest B. There is no phase shift C. There is phase shift of 360

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D. A crest remains a crest

16	An electrical source with internal resistance 's' is said to operate a lamp of resistance R what fractions of the total power is delivered to the lamp.	A. $R+r/R$ B. $R-r/R$ C. $R/R+r$ D. $r/R-r$
17	When the lift is moving upward with an acceleration then weight of the object will be.	A. $w = ma$ B. $w - ma$ C. w D. $2 w$
18	Which of the following is an example of continuous spectra.	A. Black body radiation spectrum B. Molecular spectra C. Atomic spectra D. <div>
</div><div>grating spectrum</div></div>
19	How many types of quarks were suggested i 1964 quark theory.	A. Two B. Three C. Four D. Five
20	If you float in water with just your nose out the average density of your body must be	A. Same as that of water B. Greater than that of water C. Less than that of water D. Zero