

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	The process in which a system undergoes a change of state at constant volume.	A. Isobaric process B. Isochoric process C. Isothermal process D. Adiabatic process
2	X-rays are also used for	A. Ultrasound imaging B. endoscopy C. Computerized tomography scanning D. Magnetic resonance imaging scanning
3	The function of collimator in spectrometer is to	A. Disperse the light B. Reflect the light C. Make the light parallel D. Diffract the light
4	Who was awarded Nobel Prize for first artificial atomic transmutation.	A. Yukawa B. Rutherford C. Chadwick D. Becquerel
5	Select the one that is not a donor	A. P B. AS C. Sb D. In
6	Beats occurs because of.	A. Reflection B. Refraction C. Interference D. Doppler's effect
7	If Young's experiment is performed in water. which of the following change will occur.	A. Fringe width will increase B. Fringe width will decrease C. Fringe width will remain unchanged D. No fringe will be seen
8	The energy delivered to the tissue per unit mass is called the absorbed dose of.	A. X rays B. gamma rays C. Radiation D. energy
9	The property of a material to return to its original shape and size on the removal of an external force is called.	A. Stress B. Strain C. Toughness D. Elasticity
10	At high temperature a body generally emits radiations of.	A. Small wavelengths B. Long wavelengths C. Moderate wavelengths D. Zero wavelengths
11	Beats occur due to	A. Reflection B. Refraction C. Interference D. Diffraction
12	Which of the following is a clinical thermometer.	A. Gas thermometer B. Mercury thermometer C. Alcohol thermometer D. Radiation thermometer
13	A device used to measure the strain of an object and it is a type of resistor that changes value with applied strain is a	A. thermistor B. Strain gauge C. Thermocouple D. Potentiometer
14	If work must be done by an outside agent attempting to bring two point charges close together.	A. They are of opposite signs B. The field is not conservative C. The work is recoverable when they separate D. The P.E. of the charges is reduced by the amount of the work

15 Amorphous solids are also called.

A. Crystalline solids
B. Glassy solids
C. Polymeric solids
D. Polymers

16 If two bodies are under a collision that is not perfectly elastic then.

A. K.E. is conserved but momentum is not
B. Momentum is conserved but K.E. is not
C. Neither K.E. nor momentum is conserved
D. Both K.E. and momentum are conserved

17 If a ball was thrown out of a rocket in free space, then it would.

A. Accelerate away from the rocket
B. Remain motionless after leaving the rocket
C. Travel rectilinearly with constant speed
D. Move always parallel to the rocket

18 tuning a radio set is an example of.

A. Musical resonance
B. Electrical resonance
C. Mechanical resonance
D. Damping

19 A solid in which there is no regular arrangement of molecules.

A. Amorphous solids
B. Glassy solids
C. Crystalline solids
D. Polymerization

20 Which quantity remains fixed in isobars.

A. Mass number
B. Atomic number
C. Number of neutrons
D. Number of protons
