

PPSC Physics Mcq's For Full Book

Sr	Questions	Answers Choice
1	When two point charges of equal magnitude and opposite sign exist very close to one another the arrangement is called.	A. An electric dipole B. An amperian current C. A null charge D. A neutral source
2	An uncharged dielectric body experience a force when placed in an electric field if.	A. A field is non zero at the body B. The dielectric is a polar material C. The dielectric is a non polar material D. The field is non uniform over the body
3	Waves transfer	A. Frequency B. Velocity C. Energy D. Wavelength
4	Faraday's law deals with	A. Induced emf B. Motional emf C. Induced current D. Electric current
5	What is shapes of a pure note	A. Sinwave B. Sawtooth C. Square wave D. Triangular wave
6	Which we double the voltage in a simple electric circuit, we double the	A. Current B. Power C. Resistance D. Both a and b
7	Photo diodes are used as	A. Optical fibre receivers B. Automatic switching C. Logic circuits D. All of the above
8	The real depth of a swimming pool is 2 m What is the apparent depth of the pool if the refractive index of water is 1.33	A. 1.0 m B. 1.5 m C. 2.0 m D. 2.5 m
9	If a dielectric is placed between the plates of a capacitor, its capacitance.	A. Decreases B. Increases C. Remains unaffected D. Is zero
10	In heavy atoms the electrons are assumed to be arranged in.	A. Elliptical shells B. Inner shells C. Concentric shells D. Outer shells
11	Power of the lens is one dioptre, if its focal length is.	A. 1/6 metre B. 1/2 metre C. 1 metre D. 8 metre
12	Chromatic aberration can be removed by using.	A. Convex lens B. Two convex lenses C. Concave lens D. Combination of a convex lens and a concave lens
13	A uniform vertical wire is stretched by hanging a mass from its lower end Which of the following does not effect the strain in the wire.	A. The stress B. The unstretched length C. The load applied D. the Young's modulus of the metal
14	Which of the following is not an electromagnetic wave.	A. gamma rays B. Ultraviolet rays C. Ultrasonic waves D. Microwaves
		A. Negligible

15	A concave mirror is used to form an image of the sun on a white screen IF the lower half of the mirror were covered with an opaque card the effect on the image on the screen would be.	<p>B. To make the image less bright than before</p> <p>C. To make the upper half of the image disappear</p> <p>D. To make the lower half of the image disappear.</p>
16	The note of the lowest frequency is called	<p>A. beat</p> <p>B. Overtone</p> <p>C. Fundamental note</p> <p>D. Harmonic note</p>
17	Which electrical quantity has the same units as electromotive force.	<p>A. Charge</p> <p>B. Current</p> <p>C. Potential difference</p> <p>D. Power</p>
18	Human's eye acts like a	<p>A. LASER</p> <p>B. Mirror</p> <p>C. Lens</p> <p>D. Fibre optics</p>
19	The two elements with same number of electrons but different mass number are called.	<p>A. Isotones</p> <p>B. Isobars</p> <p>C. Isotopes</p> <p>D. Isomers</p>
20	To get large magnifying power of an astronomical telescope. we should have focal length of eye lens.	<p>A. Small</p> <p>B. Large</p> <p>C. Of any value</p> <p>D. Infinity</p>