

PPSC Physics Mcq's For Full Book

| Sr | Questions | Answers Choice |
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| 1 | According to Coulomb's law what happens to the attraction of two oppositely charged objects as their distance of separation increases. | A. Increase B. Decrease C. Remain unchanged D. Cannot be determined |
| 2 | A unijunction transistor | A. Has only one junction B. Is a two terminal device C. Is fabricated from germanium D. Is fabricated fromuranium |
| 3 | The loudness of a sound depend on its | A. Frequency B. Amplitude C. Speed D. Both a and b |
| 4 | The charge per unit volt which is a constant property of the system is known as the | A. Dielectric constant B. Permitivity C. Capactance D. Inductance |
| 5 | The erecting lens of a telescope produces | A. A shorter instrument B. wider field of view C. A larger image D. A sharp image |
| 6 | A step up transformer has a turn ratio of 1:100 A voltage of 20 V is connected across the primary coil What is the secondary voltage. | A. 0.2 V B. 5 V C. 100 V D. 2000 V |
| 7 | Mean free path of gas molecules is inversely proportional to its. | A. Volume B. Pressure C. Temperature D. Weight |
| 8 | A diver leaving the diving board makes a somer sault in the air. | A. This is due to gravitational force B. The moment of inertia is decreased during the turn C. His moment of inertia is increased D. He pushes at the air for making the true |
| 9 | A relationship between mechanical work and heat energy was firstly established dby. | A. Davy B. Count Rumford C. Joule D. Kelvin |
| 10 | On which property of lens, longitudinal chromatic aberration depend upon | A. Resolving power B. Dispersive power C. Magnifying power D. Radius of curvature |
| 11 | If the image is virtual then its distance from the lens is taken. | A. Positive B. Negative C. Double D. Half |
| 12 | Which quantity provides a quantitative measure of disorder. | A. Entropy B. Enthalpy C. Randomness D. Chaos |
| 13 | Who introduced the concept that an atom possesses quantized energy levels. | A. Fermi B. Newton C. Bohr D. Einstein |
| 14 | Supplementary units radian and steradian were established for | A. Density B. Viscosity C. electric intensity D. Geometrical quantities |
| 15 | The dispersive power of a grating is | A. Light used B. Separation of lines C. Frequency of light used |

| | | D. Independent of wavelength |
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| 6 | Dispersive power of a prism depends upon the wavelength of the light used and is | A. More for large wavelengths B. Less for large wavelengths C. More for small wavelengths D. Less for small wavelengths |
| 7 | The SI unit of stress is | A. kg m s-2 B. kg m-1 s-2 C. N m-2 D. N m-1 |
| 8 | The first super conductor was discovered in. | A. 1905 B. 1911 C. 1917 D. 1923 |
| 9 | The gravitational force between two bodies does not depends upon. | A. The product of their masses B. Their separation C. The sum of their masses D. The constant of gravitation |
| 0 | Low frequency response of an amplifier is mainly limited by. | A. Biasing configuration B. Coupling capacitor C. By pass capacitor D. Input impedance |