

**525
MCQs**

**PHYSICS MCQS
FOR
SSC RAILWAY PSC
EXAM**



GKSERIES

- b. Ohm-cu
c. Mho
d. Mho-cu⁻¹
512. The ordinary and maximum tolerance limit of sound by humane-being is
a. 50 db to 70 db
b. 60 db to 80 db
c. 65 db to 75 db
d. 70 db to 85 db
513. Which one of the following is responsible for the working of Newton's colour disc experiment
a. Formation of pure spectra
b. Formation of impure spectra
c. Persistence of vision
d. Principle of complementary colour
514. The dimension MLT⁻² corresponds to
a. Force
b. Work done
c. Acceleration
d. Velocity
515. Fiber optics cable used in communication, works on the principle of
a. Regular reflection of light
b. Diffuse reflection of light
c. Refraction of light
d. Total internal reflection of light
516. 'Farad' is a unit of
a. Capacitance
b. Inductance
c. Resistance
d. Conductance
517. A wire of resistance R is cut into 'n' equal parts. These parts are then connected in parallel. The equivalent resistance of the combination will be
a. nR
b. R/n
c. n/R
d. R/n²
518. When two ice cubes are joined together, they become one because of
a. Hydrogen bond formation
b. Van der Waals forces
c. Covalent attraction
d. Dipole interaction
519. Microphone is a device which converts
a. Sound signal to current signal
b. Current signal to sound signal
c. Sound signal into light signal
d. Light signal into sound signal
520. Pressure cooker cooks faster because
a. Boiling point decreases with the rise of pressure
b. It cooks the food at low pressure
c. Higher temperature is attained for cooking
d. The material of a cooker is a good conductor
521. When a strong beam of light is passed through a colloidal solution, the light will
a. Be scattered
b. Pass unchanged
c. Be absorbed
d. Be reflected
522. The method of magnetization is
a. hammering a magnet
b. heating a magnet

- c. passing direct current through it
 - d. passing alternate current through it
523. Water is not suitable as a calorimetric substance because it
- a. has high specific heat
 - b. is a good conductor
 - c. has high boiling point
 - d. low latent heat of vaporization
524. When a body falls from an aeroplane, there is increase in its
- a. kinetic energy
 - b. mass
 - c. acceleration
 - d. potential energy
525. In a water lifting electric pump, we convert
- a. electrical energy to potential energy
 - b. kinetic energy into electrical energy
 - c. kinetic energy into potential energy
 - d. electrical energy into kinetic energy

ANSWERS

501.	a	502.	c	503.	d	504.	b	505.	a
506.	d	507.	d	508.	d	509.	a	510.	a
511.	c	512.	b	513.	c	514.	a	515.	d
516.	a	517.	d	518.	a	519.	a	520.	c
521.	a	522.	a	523.	a	524.	c	525.	a