

1st Year Fsc Physics Online Test

Sr	Questions	Answers Choice
1	The product of time period and frequency is.	A. Zero B. 1 C. 2 D. 3
2	One complete round trip of a vibrating body is called.	A. Frequency B. Time period C. Vibration D. Amplitude
3	The mathematical expression for the restoring force is.	A. $F = kx$ B. $F = ma$ C. $F = dp/dt$ D. $F = -kx$
4	the acceleration of a body having SHM, depends upon its.	A. Time period B. Amplitude C. Frequency D. Displacement from mean position
5	In simple harmonic motion the velocity of a particle is maximum at.	A. Extreme position B. Mean position C. In between extreme and mean position D. None of them
6	A quantity which indicates the state and direction of a vibrating body is known as	A. Time period B. Amplitude C. Phase D. Frequency
7	Opted unit to measure blood pressure is.	A. N/m^2 B. Pascal C. mm of Hg D. $N.m^2$
8	The instrument which detects the instant as which the external pressure becomes equal to the systolic pressure is called.	A. Manometer B. Sphygmomanometer C. Barometer D. Stethoscope
9	The concentration of red blood cells in the blood is nearly.	A. 40% B. 60% C. 25% D. 50%
10	A 2 meter of high tank is full of water. If a hole appears at its middle, then the speed of efflux is.	A. 4.4 ms^{-1} B. 10 ms^{-1} C. 6.2 ms^{-1} D. 20 ms^{-1}
11	The diastolic pressure of a normal healthy person is.	A. 120 torr B. 110 torr C. 100 torr D. 75-80 torr
12	Venturimeter is used ot measure.	A. Speed of fluid B. Pressure of fluid C. Volume of fluid D. Mass of fluid
13	The density of blood is nearly equal to.	A. Air B. Milk C. Honey D. Water
14	Blood pressure is measured by	A. Hydrometer B. Barometer C. Sphygmomanometer D. Galvanometer
15	Blood has density equal to that of	A. Mercury B. Sodium C. Honey D. Water

D. Water

16 the systolic pressure of normal healthy person is.

- A. 120 torr
- B. 130 torr
- C. 115 torr
- D. 110 torr

17 The lower reading of blood pressure is called.

- A. Systolic pressure
- B. Diastolic pressure
- C. Normal pressure
- D. Non normal pressure