

Physics ICS Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Einstein's theory gives us the physical picture of how the	A. Body moves B. Gravity works C. Moment of inertia produced D. Weightlessness creates
2	How many orbiting satellites from the Global positioning system.	A. 3 B. 12 C. 24 D. 22
3	A communication satellite is used to reflect the signal of.	A. Microwaves B. Radio waves C. gamma rays D. x-rays
4	Time period of geostationary satellite of radius 'R' is	A. 1 hour B. 48 min C. 1 day D. 1 month
5	International Telecommunication satellite	A. 4,6,8 and 10 Hz B. 4,6,11 and 14 GHz C. 4,6,8 and 12 Hz D. 4,8,11 and 16 GHz
6	INTELSAT VI satellite operates at microwave frequencies of.	A. 2,4,6,10 GHz B. 4,6,11 and 14 MHz C. 4,6,11 and 14 GHz D. 2,4,6 AND 14 GHz
7	The largest satellite system is managed by	A. 116 countries B. 126 countries C. 136 countries D. 140 countries
8	The minimum number of correctly positioned communication satellites to cover whole populated earth is.	A. 2 B. 3 C. 100 D. 200
9	As we go from pole to equator of earth, the value of 'g'	A. Increase B. Decrease C. Remain constant D. Zero
10	Height of geostationary orbit of the satellite above the earth is.	A. 300 km B. 250 km C. 400 km D. None of these
11	the height of the geostationary satellite above the equator is.	A. 35000 km B. 36000 km C. 34000 km D. 33000 km
12	Artificial gravity can be created in the space ship by	A. Revolving around the earth B. Spinning around its own axis C. Increasing its velocity D. Decreasing its velocity
13	A man weighs 1000 N in a stationary lift. If the lift moves up with an acceleration of 10 ms^{-2} , then its weight becomes.	A. 1000 N B. 2000 N C. 3000 N D. 0 N
14	The weight of an object in an elevator moving down with an acceleration of 9.8 m/s^2 will become	A. Half B. Double C. Unchanged D. Zero
15	An elevator is moving up with an acceleration equal to 'g'. An apparent weight of the body in an elevator is.	A. Zero B. Equal to real weight C. 2 mg D. 3 mg

16	A 60 kg man in an elevator is moving upward with an acceleration of 9.8 ms^{-2} . The apparent weight of the man.	<div>A. Increase B. Decreases C. Remain constant D. Becomes zero</div>
17	If a rocket is accelerating upward with an acceleration of 2 g , an astronaut of weight, mg in the rocket shows apparent weight.	<div>A. Zero B. Mg C. 2 mg D. 3 mg</div>