

science

9thCLASS

1. When a body falls freely towards the earth, then its total energy
(a) increases (b) decreases (c) remains constant (d) first increases and then decreases
2. Which one of the following is not the unit of energy?
(a) joule (b) newton metre (c) kilowatt (d) kilowatt hour
3. Water stored in a dam possesses
(a) no energy (b) electrical energy (c) kinetic energy (d) potential energy
4. Two army persons A and B each of weight of 500 N climb up a rope through a height of 10 m. A takes 20 s while B takes 40 s to achieve this task. What is ratio of the powers of person A and B?
(a) 1 : 2 (b) 1 : 4 (c) 2 : 1 (d) 14 : 1
5. If speed of a car becomes 2 times, its kinetic energy becomes
(a) 4 times (b) 8 times (c) 16 times (d) 12 times
6. Work done by friction
(a) increases kinetic energy of body (b) decreases kinetic energy of body
(c) increases potential energy of body (d) decreases potential energy of body.
7. When a coil spring is compressed, the work is done on the spring. The elastic potential energy
(a) increases (b) decreases (c) disappears (d) remains unchanged
8. Penicillium is a
(a) Fungus (b) Algae (c) Bacteria (d) Yeast
9. Malaria is caused by
(a) protozoa (b) virus (c) Algae (d) Bacteria
10. Rhizobium bacteria
(a) Help in nitrogen fixation (b) help in digestion (c) cause diseases (d) all of the above
11. Scientist who discovered fermentation is
(a) Louis Pasteur (b) Alexander Fleming (c) John Mendel (d) Edward Jenner
12. Amoeba belongs to
(a) protozoa (b) Algae (c) Fungi (d) virus
13. Mushroom belongs to
(a) fungi (b) algae (c) virus (d) none of these