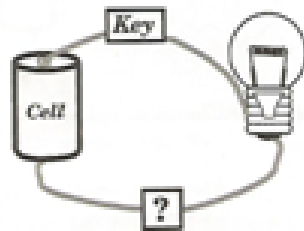


GSO SAMPLE PAPER CLASS 6

Q1. Harish has set up a circuit as shown. Which of the following should he put in the blank box to make the bulb glow more brightly ?



- a) Bulb
- b) Cell
- c) Key
- d) Wire

Q2. Manisha is taller than Neha by 3 cm. If the height of Manisha is 1.1 m, what will be the height of Neha ?

- a) 1.4 m
- b) 0.8 m
- c) 1.07 m
- d) 10.4 m

Q3. A compass can be used to :



- a) Find the gravitational force of a place
- b) Find the centre of gravity of a body
- c) Find the altitude of a place
- d) Find all the directions of a place

Q4. Which of the following is NOT in periodic motion ?

- a) A fan moving at constant speed
- b) A swinging pendulum
- c) Motion of earth
- d) A flying kite

Q5. Which of the following shows the energy changes that take place when a bulb glows ?

- a) Chemical energy → Electrical energy → Heat energy → Light energy
- b) Electrical energy → Chemical energy → Light energy → Heat energy
- c) Heat energy → Light energy → Electrical energy
- d) Light energy → Heat energy → Chemical energy

Q6. A thin paper, a cotton cloth, a glass sheet and a mirror are taken and a beam of light is directed onto them. Which of them will cast the darkest shadow ?

- a) Cotton cloth
- b) Paper

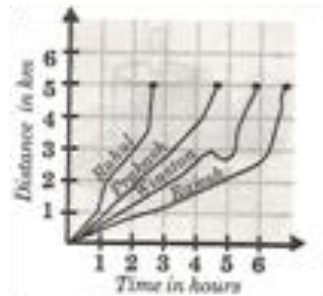
c) Glass sheet

d) Mirror

Q7. Pooja has a small piece of metal and a thread. To find whether the piece is a magnet or not, she :

- a) requires a piece of magnetic substance.
- b) requires a piece of non magnetic substance.
- c) requires a magnet or a compass.
- d) does not require anything else.

Q8. The graph shown here shows the motion of four runners -Rajesh, Winston, Prakash and Rahul in a 5 Km marathon .Whose motion is the fastest ?



- a) Rajesh
- b) Winston
- c) Prakash
- d) Rahul

Q9. Which of the following is not true regarding the light ?

- a) Light is form of energy
- b) Light can not be changed into the other forms of energy
- c) Light always travels in a straight line
- d) Light can be reflected from an object

Q10. An electric heater is used to convert electrical energy into

- a) Heat energy
- b) Light energy
- c) Chemical energy
- d) Both a and b

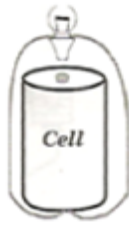
Q11. An elephant herd has

- a) Only males
- b) Only females
- c) Females and baby elephants
- d) Males, females and baby elephants

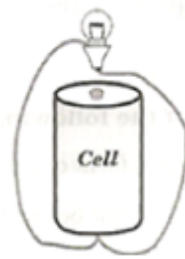
Q12. Balloons, tyre tubes and football-bladders are made of rubber. This is because rubber is :

- a) inexpensive
- b) a natural product
- b) An electric insulator
- d) soft and flexible

Q13. Bulb in which of the following arrangements will be able to glow ?



a)



b)

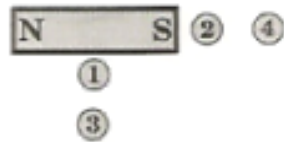


c)



d)

Q14. For the magnet shown here ,at which place will the force of magnetism be the maximum



a) 1

b) 2

c) 3

d) 4

Q15. A car moving in a straight road first increases its speed and then comes to stop suddenly. During this time the tyres of the car have undergone :



a) Only rectilinear motion

b) Only circular motion

c) Rectilinear, circular and periodic motion

d) Rectilinear, circular but not periodic motion