

Grade- VII

PHYSICS

1. Benjamin Franklin in year 1752
2. Charge
3. Bulb have two terminals because a circuit can be completed only when there are both positive terminal and negative terminals, as the current flows allowed only when the circuit is complete
4. A break in the filament of electric bulb the path of the current between the terminal of the electric cell may break therefore a fused bulb does not light up as no current passes through its filament
5. Because distilled water acts as an insulator as it is purest water. whereas tap water has salt and impurities and acts as conductor
6. An electric bulb gets fused due to break in its filament. a break in the filament of bulb means a break in the path of current between the terminal of the electric cell
7. **Conductors**
 - A. Coin
 - B. Niddle
 - C. Key
 - D. Iron Nail**Insulator**
 - A. Eraser
 - B. Glass
 - C. Pencil
 - D. Plastic Scale
 - E. Bakelite
8. Electrical circuits
9. electromagnets
10. Complete circuit is need in order to make electricity . electrons must flow from and return to the power source
11. Ammeter
12. Kerosene is a good insulator
13.
 - a. Generator
 - b. Electromagnet
 - c. Zinc
14. ON –OFF Switch, Button Switch , Push Switch
15. mostly in houses The parallel circuit is used because in series connection the current flows in only one direction it has only one path whereas in parallel the current flows in different direction and as different paths

BIOLOGY

I.

S.no	Flower part	Function
1	Petal	Large, coloured to attract insects.
2	Anther	Contains pollen sac, in which pollen grains present.
3	Stigma	Sticky surface through which pollen tube grows.
4	Ovary	Contains ovules, develops into seeds uwlun fertilized.
5	Sepal	Protects the flower while in bud

II.

1. Because there is a risk of losing all the water soluble nutrients that present in the particular fruit or vegetable.
2. **Bryophyllum**, As it is asexual type of reproduction
{Asexually through vegetative propagation by leaves Buds arise from notches. }
3. Lungs and Heart
4. Nylon.
5. Webbed feet helps aquatic birds to swim in water.

III.

1. Carnivores - an animal that feeds on other animals
2. Sheep ,goats, camels, rabbits
3. Hinge joint - elbow joint, knee joint
Ball and socket joint - shoulder, hip joint
Pivot joint - forearm
Gliding joint - wrist
4. Camel is ship of the desert because they have large, flat feet that are covered by thick, protective pads. They can walk on burning sand easily. They can store water in hump.
5.
 - a. Recycle the waste
 - b. Stop using disposable plates
 - c. Disposal of hazardous waste are lessened
 - d. Waste segregation
 - e. Waste to landfill against sustainable principles such as reuse ,recover ,recycle reduce

6. My research covid-19
 - A. Host –human
 - B. Incubation period 1 to 14 days
 - C. Symptoms
 - a. Fever
 - b. dry cough
 - c. Running nose
 - d. Tiredness
 - D. Precautions
 - a. stay home
 - b. Keep a safe distance
 - c. Wash hands often
 - d. Don't touch your mouth ,eyes ,nose

V

1. AB negative
2. Femur
3. Light
4. Heart
5. Proteins
6. Trees
7. Stem
8. Landfills