

**QUESTION MODEL:**

**1. Which charge configuration produces a uniform electric field?**

- a) Point charge
- b) Uniformly charged infinite line
- c) Uniformly charged infinite plane
- d) Uniformly charged spherical shell

**2. The vertical component of Earth's magnetic field at a place is equal to the horizontal component. What is the value of angle of dip at this place?**

- a) 30 degree
- b) 45 degree
- c) 60 degree
- d) 90 degree

**3. Which of the following metals has the largest abundance in the earth's crust?**

- a) Aluminum
- b) Calcium
- c) Magnesium
- d) Sodium

**4. Most easily liquefiable gas is**

- a) Ar
- b) Ne
- c) He
- d) Kr

**5. Plasmids are**

- a) Circular protein molecules
- b) Required by bacteria
- c) Tiny bacteria
- d) Confer resistance to antibiotics

**6. The ecology of an individual species is called**

- a) Community ecology
- b) Autecology
- c) Gerontology
- d) Synecology

7. Pointing to a photograph of a boy, Suresh said, "He is the son of the only son of my mother". How is Suresh related to that boy?

- a) Brother
- b) Uncle
- c) Cousin
- d) Father

8. A person crosses a 600 m long street in 5 mins. What is his speed in km per hour?

- a) 3.6
- b) 7.2
- c) 8.4
- d) 10

9. CUP:LIP :: BIRD:?

- a) BUSH
- b) GRASS
- c) FOREST
- d) BEAK

10. To keeps one's temper

- a) To become hungry
- b) To be in good mood
- c) To preserve one's energy
- d) To be aloof from

11. When he

P: did not know

Q: he was nervous and

R: heard the hue and

cry at midnight S: what

to do

The proper sequence should be:

- a) RQPS
- b) QSPR
- c) SQPR
- d) PQRS