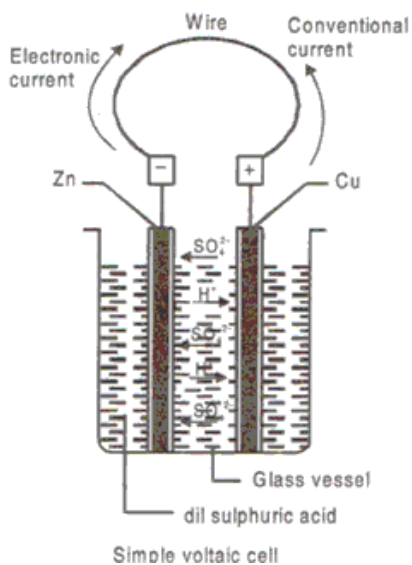


Answer 10

- (a) When a glass rod is rubbed with silk, it gets positively charged.
- A has negative charge, B is neutral and C has positive charge.
 - All the three spheres A, B and C will have negative charge.
 - A has negative charge and both, B and C have positive charge.
 - All the three spheres have positive charge in each case i, ii and iii.

- (b)
-



- In a simple voltaic cell, there are two defects:
 - Polarization.
 - Local action.
- E.m.f. of a voltaic cell is 1.08 V.

(c) The completed table is given below:

Nature of bar	Action on compass needle	
	North pole	South pole
Non-magnetic	No action	No action
Magnetic	Attracted	Attracted
North pole of a bar magnet	Repelled	Attracted
South pole of a bar magnet	Attracted	Repelled