

Class Notes	
Class: 8	Topic- CHEMICAL EFFECTS OF ELECTRIC CURRENT MCQ'S + EXTRA QUESTIONS
Subject: SCIENCE	

NOTE- PRACTICE THESE QUESTIONS & SAVE IT FOR REVISION.

MULTIPLE CHOICE QUESTIONS

1. Which of the following is a bad conductor of electricity?

- (a) Distilled water
- (b) Silver nitrate solution
- (c) Sulphuric acid
- (d) Copper sulphate solution

2. An electric current can produce –

- (a) heating effect
- (b) chemical effect
- (c) magnetic effect
- (d) all of these

3. Electroplating is based on –

- (a) heating effect of electricity
- (b) chemical effect of electricity
- (c) physical effect of electricity
- (d) magnetic effect of electricity

4. Which of the following is not used for electroplating metal articles?

- (a) Nickel
- (b) Silver
- (c) Chromium
- (d) Sodium

5. Iron objects can be protected by electroplating them with –

- (a) chromium
- (b) nickel
- (c) zinc
- (d) all of these

6. When electrodes are immersed in water and electricity is passed, the bubbles formed on the positive terminal is actually _____ gas.

- (a) Hydrogen
- (b) Carbon dioxide
- (c) Oxygen
- (d) Nitrogen

7. Why do we add little dilute sulphuric acid to copper sulphate solution during electroplating?

- (a) To increase acidity
- (b) To increase conductivity
- (c) So that the colour becomes more prominent
- (d) To burn copper sulphate

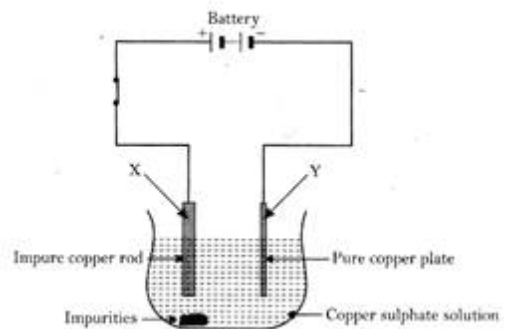


8. The process of depositing a layer of any desired metal on another material by means of electricity is called _____.

- (a) Electric plating
- (b) Electroplating
- (c) Electric depositing
- (d) None of the above

9. In electrolysis, salt solution breaks up into positively and negatively charged particles called:

- A) Electrodes
- B) Electrons
- C) Ions
- D) Insulators



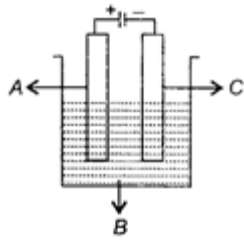
10. Look at the given figure and choose the correct option -

- A) X represents anode, Y represents cathode
- B) X represents cathode, Y represents anode
- C) Both represent anode
- D) Both represent cathode

11. Which one of the following observations can be observed when electric current is passed through an electrolyte in which two electrodes are present?

- A) Bubbles of gas may be formed on the electrodes.
- B) Deposits of metal may be seen on electrodes.
- C) Change in the colour of the solution may take place.
- D) All the above

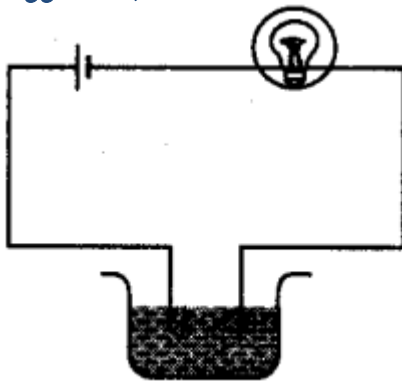
12. In the given figure - electrolyte, anode and cathode respectively are -



- A) A, B and C
- B) B, A and C
- C) B, C and A
- D) A, C and B

13. Paheli wants to deposit silver on an iron spoon. She took silver nitrate (AgNO_3) solution in a beaker and set up a simple circuit for electroplating. Which terminal of the battery should the spoon be connected to? What material should the other electrode be made of?

14. Boojho made the circuit given in the figure and observed that the bulb did not glow. On Paheli's suggestion, he added one more cell in the circuit. The bulb now glows. Explain.





Edit with WPS Office