

SCIENCE

CLASS - VII

- Who discovered the magnetic effect of current ?
(a) Joule (b) Maxwell (c) Oersted (d) None of these
- The full form of MCB used in house hold circuit is
(a) miniature circuit breaker (b) mini control board
(c) mini circuit board (d) micro circuit breaker
- The safety device based on the heating effect of electric current is called a
(a) fuse (b) bulb (c) heater (d) none of these
- S.I. unit of potential difference is
(a) Joule/coulomb (b) Coulomb (c) Ampere (d) Ohm
- Which of these does not use the heating effect of current
(a) electric toaster (b) room heater (c) electric fan (d) fuse
- What is the potential difference required across a conductor of resistance 5Ω to flow current of 1.5A through it
(a) 5 amp (b) 5 volt (c) 7.5 volt (d) 2.5 volt
- Steel pan has copper bottom (base) because
(a) copper looks beautiful (b) copper is easier to clean
(c) it makes pan durable (d) copper is better conductor of heat
- The chemical formula of magnesium oxide is
(a) Na_2O (b) CaO (c) MnO_2 (d) MgO
- The valency of chlorine is
(a) 1 (b) -1 (c) 2 (d) -2
- Which of the following is a noble metal
(a) Na (b) Mg (c) Ar (d) Au
- Which of the following reaction is possible
(a) $\text{Au} + (\text{Ag})_2\text{SO}_4 \rightarrow \text{AuSO}_4 + 2\text{Ag}$ (b) $2\text{Ag} + \text{CuSO}_4 \rightarrow \text{Ag}_2\text{SO}_4 + \text{Cu}$
(c) $\text{Mg} + \text{InSO}_4 \rightarrow \text{MgSO}_4 + \text{Zn}$ (d) $2\text{Al} + 3\text{Na}_2\text{SO}_4 \rightarrow 6\text{Na} + \text{Al}_2(\text{SO}_4)_3$
- Rust is formed when
(a) Iron is exposed to air (b) Iron is exposed to moisture
(c) Iron reacts with sulphur (d) Iron is expose to air and moisture

13. Red coloured pigment present in blood is
(a) Hemoglobin (b) white blood cell (c) blood cell (d) plasma
14. The universal donor has blood group
(a) A (b) AB (c) O (d) B
15. Blood cells that help to stop bleeding in human beings are
(a) red blood cells (b) white blood cells (c) blood platelets (d) plasma
16. Rhythmic contraction and relaxation of heart is called
(a) Pulse rate (b) heart beat (c) resting pulse (d) none of them
17. Pulmonary aorta takes deoxygenated blood from the heart
(a) to the lungs (b) to the capillaries (c) to the kidneys (d) to the rest body
18. The two upper chambers of the heart are called
(a) auricle (b) ventricle (c) valves (d) none of them
19. Smallest functional unit of kidney
(a) glomerulus (b) nephron (c) collecting tubules (d) all of them
20. A person of which of the following blood groups can receive blood of any group
(a) A (b) B (c) AB (d) O



ANSWERS

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|---------|---------|---------|---------|---------|
| 1. (c) | 2. (a) | 3. (a) | 4. (a) | 5. (b) |
| 6. (c) | 7. (d) | 8. (d) | 9. (b) | 10. (d) |
| 11. (c) | 12. (d) | 13. (a) | 14. (c) | 15. (c) |
| 16. (b) | 17. (a) | 18. (a) | 19. (b) | 20. (c) |