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Assignment

Class 10 Science Question Paper

Time Allowed: 40 Minutes
Maximum Marks: 20

Add your name as Watermark

Section A: Physics (5 Marks)

1. Answer the following questions briefly: (1 mark each)

- State the formula of Ohm's Law.
- What is the function of a fuse in an electric circuit?
- Define the unit of electric current.
- A current of 0.5 A flows through a conductor. How much charge will flow in 2 minutes?
- Name one appliance that uses a heating effect of electric current.

Section B: Chemistry (7 Marks)

2. Answer the following questions: (1 mark each)

- What is a balanced chemical equation?
- Define oxidation and reduction with one example.
- Write the balanced chemical equation for the reaction between sodium and water.
- What is the color of copper sulfate solution?
- What happens when zinc granules are added to dilute hydrochloric acid?

3. Give reason-based answers: (1 mark each)

- Why does the color of copper sulphate solution change when an iron nail is dipped into it?
- Why is respiration considered an exothermic reaction?

Section C: Biology (8 Marks)

4. Answer the following questions (30-40 words each): (2 marks each)

- What is photosynthesis? Write its balanced chemical equation.
- How does the human heart ensure blood flows in one direction?

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5. Diagram-Based Question: (4 Marks)

Label any four parts of the following diagram of the human digestive system.

 CBSE

 ICSE

 NTSE

 Banking & Insurance

 Central Govt. Service

 State Govt. Services

 LAW Entrance

 MBA Entrance

 Railways & Metro Services

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