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S. NO	SECTION A	MARKS
1	a) combination of two or more cells.	1
2	d) Oxygen	1
3	b) Vinegar	1
4	c) (i) and (iii)	1
5	c) growth of Facial hair	1
6	a) Sodium	1
7	a) Adam's Apple	1
8	a) lime water turns milky	1
9	a) chemical changes.	1
10	b) Litmus	1
	SECTION B	
11	Because Rubber is an insulator of electricity and thus protect him from electrocuted.	2
12	Olfactory indicators are the indicators that odour changes in an acidic or basic medium. Example Onion	2
13	Any two properties of metals	1+1
14	Hormones are the chemicals secreted by Endocrine glands. Example Thyroxine or any other hormone	1+1
15	Substances which are not just harmful to physical and mental health but are also addictive. This means that once people start consuming them, they develop a strong urge to take them again and again. Over time, they start using them regularly. This is called substance abuse.	2
16	Because copper is good conductor of electricity.	1+1
17	Any two correct differences between acids and bases.	2
	SECTION C	
18	Reaction between Acid and Base to form salt and water is called neutralisation reaction. Any one example of neutralisation reaction.	3
19	a) Ductility b) Malleability c) Mercury	3
20	a) True b) false	3

	c) false	
21	Cyber bullying involves the use of digital devices such as phones, computers or online platforms to harass others by sending misleading messages spreading false rumours or sharing personal information without consent.	3
22	Menstruation is the monthly shedding of uterus lining resulting in vaginal bleeding.	3
23	a) In the electric circuit shown in the diagram, the current passes from the positive terminal of the battery to both the lamps one by one and then to the negative terminal of the battery. When the filament of one of the lamps is broken the circuit will be broken. None of the lamps will glow. b) LED lamps do not have filaments.	2+1
SECTION D		
24	a) Moisture b) iron c) oxygen b) Galvanisation, Painting, electroplating etc.	5(3+2)
25	a) Formic Acid b) Sodium hydroxide or Potassium hydroxide c) Oxalic Acid d) Citric Acid e) Lactic Acid	5(1x5)
SECTION E		
26	1. a) wood could not be heated enough 2. c) dry leaves act as a fire starter as they have low ignition temperature 3. Flammable and low ignition temperature	4 (1+1+2)
27	1. In the battery positive terminal of the one cell should be connected to negative terminal of other cell. 2. Switch is in ON' Position 3. Correct symbol 4. To close or open the electric circuit.	4 (1+1+1+1)

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