विद्या सर्वार्थि साधिका

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Weekly Test 3
Class VIII

Subject: SCIENCE M.M: 20
Date : 08/12/2015 Time: 1 Hour

SECTION A

Q1 What happens when iron nails are placed in copper sulphate solution 1

Q2 Unscramble the underlined words in the given sentence: 1
The overgrowth of **sumselc** in **xalnyr** leads to the hoarse voice in adolescent boys.

Q3 (a) In an electroscope if a negatively charged body is brought in contact with the metal clip, the strips of the electroscope diverge. If now another charged object carrying equal amount of positive charge is brought in contact with the clip, what will happen? 2
(b) If the metal clip used in the electroscope is replaced by a glass rod and a charged body is brought in contact with it, will there be any effect on the strips? Explain.

Q4 What is lightning conductor? How does it work? 2

Q5 State any four physical properties of metals 2

Q6 Name the endocrine gland and the hormone that are released by it during the following situations: 2
(a) A frightened person.
(b) Growth of a child to adult.

Q7 Give reasons for the following: 3
(a) Sodium and potassium are stored in kerosene
(b) Copper cannot displace zinc from its salt solution
(c) Aluminium foils are used to wrap foods

Q8 Give reasons for the following : 3

(a) Adolescents experience acne and pimples.

(b) Females have no role in determining gender of a child.

SECTION B

Q9 The electric charges generated by rubbing are 1

(a) Static.

(b) Dynamic.

(c) Neutral.

(d) Kinetic.

Q10 Two charged objects are brought close to each other. Choose the most appropriate statement from the following options: 1

(a) They may attract

(b) They may repel

(c) They may attract or repel depending on the type of charges they carry

(d) There will be no effect

Q11 Which of the following statements is correct? 1

(a) all metals are ductile

(b) all non-metals are ductile

(c) generally, metals are ductile

(d) some non-metals are ductile

Q12 For the metamorphosis of tadpoles which of the following elements must be available in water? 1

(a) chlorine

(b) carbon

(c) sulphur

(d) iodine