

General Science 10th
SSC-10th-Swat-2026

Time: 20 Minutes

Marks: 15

Multiple Choice Questions
01 Mark for each

Roll No. of the
Student

Serial No. Of the Answer Book

SECTION-A

Note:

- 1) Attempting all MCQs is compulsory. This paper along with the OMR sheet must be returned to the superintendent after due time.
- 2) Fill the circle (A) (B) (C) (D), which one is correct with blue or black ball point in separate OMR Sheet like ●
- 3) If more than one circle in the OMR sheet is filled then no credit will be given to such answer.

I.i. Gains of electron produced:

- Negative charge ● Positive charge ● No charge ● All of these

ii. Which of following is renewable energy resource(s).

- (A) Flowing water ● (B) Biomass ● (C) Wind ● (D) All of these

iii. Retreading is used for recycling of:

- (A) Car batteries ● (B) Motor oils ● (C) Tyres ● (D) Metals

iv. Ergo Calciferol is chemical name of:

- (A) Vitamin D ● (B) Vitamin C ● (C) Vitamin B₉ ● (D) Vinegar

v. What is Rust?

- (A) Sodium oxide ● (B) Iron oxide ● (C) Copper oxide ● (D) Silver oxide

vi. Number of chromosome in frog is:

- (A) 14 ● (B) 26 ● (C) 46 ● (D) 48

vii. Which disorder is commonly known as mongolism?

- (A) Thalassemia ● (B) Sickle cell anemia ● (C) Down syndrome ● (D) Anaemia

viii. In meiosis, crossing over occurs in:

- (A) Metaphase-I ● (B) Prophase-I ● (C) Anaphase-I ● (D) Telophase-I

ix. Water that is safe to drink is called:

- (A) Tap water ● (B) Potable water ● (C) Distilled water ● (D) Non-potable water

x. During mitosis cell divides and produced:

- (A) Two haploid cell ● (B) Two diploid cell ● (C) Four haploid cell ● (D) Four diploid cell

xi. Sea water is basically _____ in nature.

- (A) Acidic ● (B) Basic ● (C) Neutral ● (D) Fresh

xii. Natural disasters may be in the form of:

- (A) Avalanches ● (B) Droughts ● (C) Earth quakes ● (D) All of these

xiii. In which layer ultraviolet radiation are absorbed by ozone:

- (A) Troposphere ● (B) Mesosphere ● (C) Stratosphere ● (D) Thermosphere

xiv. Identify output device in the following.

- (A) Monitor ● (B) Printers ● (C) Speaker ● (D) All of these

xv. Artificial satellite are the objects which revolve around the:

- (A) Sun ● (B) Earth ● (C) Stars ● (D) Moon

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Note: Time allowed for section B and C is two hours & 40 minutes.

SECTION "B"

Marks: 36

II. Attempt any Nine Parts out of the following. Each Part carries equal marks.

- i. Briefly explain that how static charges produced repulsion?
- ii. What is meant by polarization of charges?
- iii. Recognize those four characteristic which may indicate that chemical reaction has taken place
- iv. Complete following:
 - j. Alcoholic fermentation Glucose $\longrightarrow$? $\longrightarrow$?
 - i. Lactic acid fermentation Glucose $\longrightarrow$? $\longrightarrow$?
- v. Show diagrammatically. (a). Prophase (b). Metaphase
- vi. Write chemical name of following:
 - i. Baking Soda ii. Vinegar iii. Vitamin D iv. Margarine
- vii. What is down's syndrome? Write its characteristic features.
- viii. What do you mean by freshwater? Why it is important to us?
- ix. Write source of Pollution of following:
 - i. Surface water Pollution ii. Ground water pollution
- x. Enlist the name of different layers of atmosphere.
- xi. Differentiate between EEG and ECG?
- xii. What is mean of output device? Write any four name of output devices of computer.

SECTION "C"

Marks: 24

Note: Attempt any Three questions of the following. Each question carries equal Marks.

- III. (a) what is air freshener? How it works?
(b) What are similarities and differences between MRI and CT Scan?
- IV. (a) Explain photosynthesis with reference to: (a) Raw material (b) overall equation
(b) How soap is prepared from oil and sodium hydroxide?
- V. (a) Write chemical composition of DNA.
(b) List down four functions of DNA.
- VI. (a) Enlist various form of water available on the earth.
(b) Suggest any four measures which are adopted to reduce the water pollution?