

General Science 9th
SSC-9th-Swat-2026
Time: 20 Minutes Marks: 15
Multiple Choice Questions
01 Mark for each

P-648

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. Al-Shifa was written by:
- (A) Jabir-bin-hayyan ☒ (B) Bu-ali-seena ☐ (C) Al-Bert ☐ (D) Al-Razi ☐
- ii. Science is originated from _____ word.
- (A) Greek ☐ (B) English ☐ (C) Latin ☒ (D) Roman ☐
- iii. Molecular formula of disacharide is:
- (A) $C_6H_{12}O_6$ ☒ (B) $C_{12}H_{22}O_{11}$ ☐ (C) $C_{18}H_{44}O_{20}$ ☐ (D) $C_2H_4O_2$ ☐
- iv. Polyisoprene is a purified form of:
- ☒ (A) Rubber ☐ (B) Plastics ☐ (C) Nylon ☐ (D) Poly thene ☐
- v. Pure water has a PH of:
- (A) 6 ☐ ☒ (B) 7 ☐ (C) 8 ☐ (D) 9 ☐
- vi. The first man made plastic was created by:
- ☒ (A) Alexander Parkes ☐ (B) Flemming ☐ (C) John Dalton ☐ (D) Ruther Ford ☐
- vii. Which of the following is bacterial disease.
- (A) Diphtheria ☐ (B) Tuberculosis ☐ (C) Whooping cough ☐ ☒ (D) All of these
- viii. Measles is caused by:
- ☒ (A) Paramyxovirus ☐ (B) Poliomyelitis ☐ (C) Orthopoxvirus ☐ (D) Vibrio cholera ☐
- ix. Which one of the following can result in increasing blood cholesterol level?
- (A) Tar ☐ ☒ (B) Nicotine ☐ (C) Carbon dioxide ☐ (D) Carbon monoxide ☐
- x. Crude death rate is also known as:
- ☒ (A) Mortality rate ☐ (B) Infant mortality ☐ (C) Life span ☐ (D) None of these ☐
- xi. The changes in population take place primary due to changes in:
- (A) Birth rate ☐ (B) Migration ☐ (C) Death rate ☐ ☒ (D) All of these
- xii. Which of following is non-renewable energy source?
- (A) Nuclear ☐ (B) Coal ☐ (C) Fossil fuel oil ☐ ☒ (D) All of these
- xiii. One BTO is equal to:
- (A) 1000 Joules ☐ (B) 1000K Joules ☐ ☒ (C) 1055 Joules ☐ (D) 1055K Joules ☐
- xiv. A unit of electricity is:
- (A) Mega watt ☐ (B) Nano watt ☐ ☒ (C) Kilo Watt hour ☐ (D) Joule ☐
- xv. Mebendazole medicine is used to kill:
- (A) Bacteria ☐ (B) Fungi ☐ (C) Virus ☐ ☒ (D) Worms

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General Science 9th

SSC-9th-Swat-2026

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

SECTION "B"

Marks: 36

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

- i. What is science? Discuss role of information and communication technologies (ICT) in advanced economies?
- ii. Discuss contribution of Jabir-bin-Hayyan with reference to his:
 - i. Invention
 - ii. Scientific Techniques
- iii. Which disease were known as killer disease? How are they now controlled?
- iv. Briefly Explain chemical composition of plastic?
- v. Write two uses and two harmful impacts of CFCs (chloro-fluoro-carbon).
- vi. What are the effects, if you are not getting enough sleep?
- vii. Classify following disease as bacterial or viral diseases.

Disease	Bacterial or Viral
i. Hepatitis	
ii. Cholera	
iii. Diphtheria	
iv. AIDS	

- viii. Discuss "Ringworm" with reference to:
 - i. Causative agent
 - ii. Infected area
 - iii. Prevention
 - iv. Treatment
- ix. Sustainable development is key to survival in this modern day world? Evaluate the statement critically.
- x. What is Mortality? How demographer calculate crude death rate?
- xi. What is over use of electricity? Suggest two method to minimize over use of electricity?
- xii. Solar power has an exciting future ahead? Discuss.

SECTION "C"

Marks: 24

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

- III. (a) Define following:
 - i. Biology
 - ii. Physics
 - iii. Mathematical Science
 - iv. Earth Science(b) Write any one contribution of following scientist:
 - i. Bu-Ali-Sina
 - ii. Al-Beruni
 - iii. John Dalton
 - iv. Dr. Ashfaq Ahmad Khan
- IV. (a) Briefly explain any one example of chemical change.
(b) Discuss the main reason that why mercury and alcohol is used in thermometer.
- V. (a) Write any one main function of following:
 - i. RBCs
 - ii. WBCs
 - iii. Platelets
 - iv. Plasma(b) leukemia is blood disorder? State its causes and their effect on the body?
- VI. (a) What is significance of carrying capacity of an area?
(b) Write name of any two renewable energy sources and two non-renewable energy sources