

**Class: IX****Time Allowed: 20 minutes****Q1:****MODEL PAPER 2026****SUBJECT: GENERAL SCIENCE****SECTION "A" (MULTIPLE CHOICE QUESTIONS)****Marks 15****Note:** Attempt ALL the MCQs from Section "A". Each MCQ carries ONE mark.

1. Which of the following is a contribution of Muslim scientists to science?
 - A. Discovery of gravity
 - B. Development of algebra
 - C. Invention of the telescope
 - D. Discovery of the concept of evolution
2. Who wrote the book "Kitab al-Shifa"?
 - A. Bu Ali Sina
 - B. Muhammad Bin Zikrya Al-Razi
 - C. Abni-ul-Haitham
 - D. Al-Bairuni
3. Who is known for his contributions to the field of optics?
 - A. Jabir Bin Hayyan.
 - B. Muhammad Bin Zakariya Al-Razi.
 - C. Ibn-ul-Haitham.
 - D. Bu Ali Sina.
4. What is the relationship between biology and chemistry?
 - A. Biology is a branch of chemistry.
 - B. Chemistry is a branch of biology.
 - C. Biology and chemistry are unrelated fields.
 - D. Biology and chemistry are interconnected fields.
5. What is the primary component of plastic?
 - A. Carbon.
 - B. Oxygen.
 - C. Nitrogen.
 - D. Silicon.
6. What is the impact of aerosol sprays on the environment?
 - A. They contribute to air pollution.
 - B. They deplete the ozone layer.
 - C. They pollute water bodies.
 - D. They damage soil quality.
7. Which chemical process occurs when iron rusts?
 - A. Combustion.
 - B. Fermentation.
 - C. Oxidation.
 - D. Polymerization.
8. What is the primary cause of malaria?
 - A. Virus.
 - B. Bacteria.
 - C. Fungus.
 - D. Parasite.
9. What is the treatment for ringworm infection?
 - A. Antibiotics.
 - B. Antiviral medication.
 - C. Antifungal cream.
 - D. Anti-parasitic medication.
10. What is the first step in providing first aid for a dog bite?
 - A. Apply a tourniquet.
 - B. Clean the wound with soap and water.
 - C. Apply antibiotic ointment.
 - D. Suture the wound immediately.
11. What is the term for the number of people moving into a country from another country?
 - A. Emigration.
 - B. Immigration.
 - C. Birth rate.
 - D. Death rate.
12. What is the impact of overpopulation on the environment?
 - A. Conservation of natural resources.
 - B. Reduction in greenhouse gases.
 - C. Increased pollution and resource depletion.
 - D. Preservation of biodiversity.
13. What is the primary source of energy in fossil fuels?
 - A. Solar energy.
 - B. Ancient plants and animals.
 - C. Wind energy
 - D. Nuclear energy
14. Which of the following is an example of pure science?
 - A. Studying the properties of metals
 - B. Developing new medicines
 - C. Studying the behavior of animals
 - D. Designing a new bridge
15. What is the chemical composition of polyester?
 - A. Carbon, hydrogen, and oxygen
 - B. Carbon, hydrogen, and nitrogen
 - C. Carbon, oxygen, and nitrogen
 - D. Hydrogen, oxygen, and nitrogen

END OF SECTION "A"

**Class: IX****MODEL PAPER 2026****Time: 2 hours 40 minutes****SUBJECT: GENERAL SCIENCE (SECTION "B" & SECTION "C")****Total Marks 60****SECTION "B" (SHORT ANSWER QUESTIONS)****30 Marks****Note:** Attempt any **SIX** questions from Section "B". Each question carries **FIVE** marks.

Q.2 Mention Jabar Bin Hayyan's contributions to the field of chemistry.

Q.3 Describe the impact of scientific advancements on social structures and institutions.

Q.4 List the chemical changes that occur during the rusting of iron and how it can be prevented.

Q.5 Explain how the recycling of metals such as copper, iron, and aluminum helps conserve natural resources.

Q.6 Describe the benefits and drawbacks of using fertilizers in agriculture.

Q.7 Describe the composition of blood and explain the function of each component.

Q.8 Mention the life cycle of the malaria parasite and explain how it is transmitted to humans.

Q.9 Explain the mode of transmission and symptoms of ringworm infection.

Q.10 Identify the benefits of using renewable energy sources.

Q.11 Explain the concept of thermal pollution and its impact on the environment.

SECTION "C" (DETAILED ANSWER QUESTIONS)**30 Marks****Note:** Attempt any **THREE** questions from Section "C". Each question carries **TEN** marks.

Q.12 Suggest ways in which science can address societal issues.

Q.13 Examine how advances in medical technology have improved the diagnosis and treatment of diseases.

Q.14 Evaluate the effects of overpopulation on environmental degradation.

Q.15 Reflect on the global use of nuclear energy and its implications for the environment and human health.

Q.16 Evaluate the impact of fossil fuel pollution on human health and the environment.

END OF PAPER