



Class: IX

Time Allowed: 20 minutes

MODEL PAPER EXAMINATION 2025

SUBJECT: GENERAL SCIENCE

Q1:

(SECTION "A")

Marks: 15

Note: Attempt **ALL** questions from Section 'A'. Each question carries **ONE** mark.

1. _____ is a universal solvent.
 A. Oil B. Water C. Milk D. Tea
2. Energy is produced in an animal body when food reacts with _____.
 A. Oxygen B. Carbon dioxide C. Nitrogen D. Carbon monoxide
3. Vitamin _____ helps in coagulation of blood.
 A. A B. K C. B D. C
4. Best diet means _____.
 A. Well-cooked food B. Rich diet C. Simple diet D. Balanced diet
5. The hardest substance in nature is _____.
 A. Graphite B. Lead C. Iron D. Diamond
6. Insulin is secreted by _____.
 A. Pituitary gland B. Parathyroid gland C. Pancreas D. Adrenal glands
7. Fruits and vegetables are the source of _____.
 A. Proteins B. Minerals and vitamins C. Fats D. Carbohydrates
8. E.C.G is used for diagnosis of the disease of _____.
 A. Heart B. Kidney C. Bone D. Skin
9. The Ozone layer is thinning by the discharge of _____ in the atmosphere.
 A. Carbon Monoxide B. Sulphur dioxide
 C. Ammonia D. Chloro -flouro carbon gases
10. The commercial unit of electric energy is _____.
 A. Ohm B. Volt C. Farad D Kilo-watt hour
11. The book 'Al-Qanoon Al-Masudi' was written by _____.
 A. Al-Biruni B. Al-Razi C. Ibn-ul-Haitham D. Bu Ali Sina
12. _____ is a chief component of greenhouse gases.
 A. Oxygen B. Carbon dioxide C. Chlorine D. Hydrogen
13. _____ is acknowledged as the father of Arab chemistry.
 A. Jabir bin Hayan B. Yaqoob Al-kindi C. Ibn-ul-Haitham D. Bu Ali Sina
14. When running water moves a turbine, the potential energy of water is changed into _____ energy.
 A. Kinetic B. Nuclear C. Electrical D. Chemical
15. The unit of the capacity of a capacitor is called _____.
 A. Coulomb B. Volt C. Ohm D. Farad

END OF SECTION A



Class: IX

MODEL PAPER EXAMINATION 2025

Time: 2 hours 40 minutes

SUBJECT: GENERAL SCIENCE (SECTION "B" AND SECTION "C")
SECTION "B" (SHORT ANSWER QUESTIONS)Total Marks 60
30 Marks**Note:** Attempt any **SIX** questions from Section 'B'. Each question carries **FIVE** marks.

- Q.2 Why is Ibn-ul-Haitham considered the "Father of Modern Optics"?
- Q.3 Analyze the connection between chemistry and environmental science.
- Q.4 How does the chemical structure of table salt (sodium chloride) contribute to its properties?
- Q.5 How do changes in physical state (solid, liquid, gas) affect a compound's properties?
- Q.6 Identify the reason why mercury is used in clinical thermometers instead of water.
- Q.7 How do viral diseases differ from bacterial diseases?
- Q.8 How do causative organisms of tuberculosis, diphtheria, tetanus, typhoid and cholera diseases infect humans?
- Q.9 Analyze the advantages and disadvantages of using fossil fuels as energy sources.
- Q.10 Why is hydroelectric power considered a renewable energy source?
- Q.11 Analyze the potential of non-conventional energy for Pakistan.

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

- Q.12 Compare and contrast the effects of cleanliness on physical and mental health.
- Q.13 What chemical changes take place in the process of fermentation and decaying?
- Q.14 How does a balanced diet contribute to maintaining health?
- Q.15 What effects does urbanization have on the environmental quality in large cities such as Karachi and Lahore?
- Q.16 'Obesity and high-fat diet are risk factors of stroke'. Explain.

END OF PAPER