

**MRD-9<sup>th</sup>**  
**GENERAL SCIENCE Paper-IX (26)**

ہر سوال کے سامنے چار دائرے دیئے گئے ہیں، صرف صحیح جواب والا دائرہ بھریں۔

سروں کو شیڈ (بھرنے) کے لیے نیلے یا کالے رنگ کا مارکر استعمال کریں۔

س جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہو گا۔

**Time: 20 Minutes**

**SECTION-A**

**Marks: 15**

**Q1: Choose the correct option i.e, A,B,C or D?**

1. Astronomy is the branch of science which deals with \_\_\_\_\_.  
☐ Heavenly bodies      ☐ Latten bodies  
☐ Bodies in oceans      ☐ Anti-bodies
2. Al-Havi was the name of book which was written by \_\_\_\_\_.  
☐ Jabir Bin Hayan      ☐ Bu Ali Sina  
☐ Al Biruni      ☐ Al Razi
3. Life science is also known as \_\_\_\_\_.  
☐ Chemistry      ☐ Geology      ☐ Biology      ☐ Physics
4. If copper, aluminum, iron and lead are left in open air which one will rust?  
☐ Copper      ☐ Aluminum      ☐ Lead      ☐ Iron
5. The polymers from which the nylon is made up are \_\_\_\_\_.  
☐ Polyethylene      ☐ Polyether  
☐ Polyesters      ☐ Polyamides
6. Latex is natural source of \_\_\_\_\_.  
☐ Rubber      ☐ Plastics      ☐ Nylon      ☐ Polythene
7. Most of the volume of human blood consists of \_\_\_\_\_.  
☐ Platelets      ☐ Plasma  
☐ White blood cells      ☐ Red blood cells
8. Fast food or junk food has \_\_\_\_\_ nutritional values.  
☐ Less      ☐ High      ☐ Moderate      ☐ No
9. Which one of the following can result in increasing blood cholesterol level?  
☐ Tar      ☐ Nicotine  
☐ Carbon dioxide      ☐ Carbon monoxide
10. Each environmental supports a limited population depending upon its \_\_\_\_\_.  
☐ Growth rate      ☐ Carrying capacity  
☐ Birth rate      ☐ Reproductive potential
11. Number of births per 1000 is \_\_\_\_\_.  
☐ Growth rate      ☐ Conception rate  
☐ Reproductive rate      ☐ Crude death rate
12. In Islamic History the first census was conducted by \_\_\_\_\_.  
☐ Hazrat Abubakr (RA)      ☐ Hazrat Ali (RA)  
☐ Hazrat Umar (RA)      ☐ Hazrat Usman (RA)

13. Which of the following causes least pollution when burnt?  
☐ Petrol      ☐ Diesel      ☐ Coal      ☐ Natural gas
14. The estate of coal, with lowest carbon content is \_\_\_\_\_.  
☐ Bituminous coal      ☐ Anthracite coal  
☐ Lignite      ☐ None of these
15. Which one of these is not a renewable source of energy?  
☐ Sun      ☐ Natural gas  
☐ Wind      ☐ Ocean tidal energy

MRD-9<sup>th</sup>

**GENERAL SCIENCE 9<sup>th</sup> (Full Course)**

**Note:** Time allowed for Section-B & Section-C is 2:40 hours.

**SECTION-B**

**Marks: 36**

**Q2: Attempt any NINE parts. All parts carry equal marks.**

1. Define science. Explain any three branches of science.
2. Write the contributions of Ibn-ul-Haitham in the field of science.
3. Write any four examples of chemical changes which we encounter in our daily life.
4. Compare copper with aluminum.
5. Enlist some of the health hazards associated with smoking.
6. Proper sleep and physical activities are vital for healthy growth and healthy life. Explain.
7. Differentiate between birthrate and death rate.
8. Write the importance of forests.
9. What is the importance of conserving energy?
10. Write a short note on petroleum.
11. How wind energy is used for the production of electricity?
12. Explain the contributions of Dr. Munir Ahmad Khan in the field of science.

**SECTION-C**

**Marks: 24**

**Note:** Answer any THREE questions. All questions carry equal marks.

- Q3: (a) Explain the relationship between Islam and science.  
(b) Write down any four properties of water.
- Q4: (a) Describe the harmful impacts of fertilizers on environment.  
(b) Define junk food and write disadvantages of its excessive use.
- Q5: (a) Give a detail note on the causes and symptoms of Malaria.  
(b) What are nuclear fuel hazards?
- Q6: (a) Discuss the impacts of overpopulation on agriculture.  
(b) List some adverse effects of overgrazing.

