

GENERAL SCIENCE (New)9th (Fresh/Reappear)

۱۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں۔ صرف صحیح جواب دائرہ بھر دیں۔

۲۔ دائروں کو شیڈ (بھرنے) کے لیے نیچے یا گالے رنگ کا کلا کر استعمال کریں۔

۳۔ جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time: 20 Minutes**SECTION-A****Marks: 15****Q1: Choose the correct option i.e, A,B,C or D?**

- Which of the given helps in blood clotting?
☐ RBCs ☐ WBCs ☒ Platelets ☐ Blood plasma
- Which of the given is viral disease?
☐ Cholera ☐ Typhoid ☐ TB ☒ Polio
- Malaria is caused by.
☐ Virus ☐ Fungi ☒ Plasmodium ☐ Bacteria
- The rate or number of deaths among infants under age one is called.
☐ Life expectancy ☐ Mortality
☒ Infant mortality ☐ Birth rate
- The maximum number of years that individual could live is called.
☒ Life span ☐ Birth rate
☐ Mortality ☐ Life expectancy
- The state of coal with highest carbon content is.
☐ Bituminous ☒ Anthracite ☐ Lignite ☐ None
- Which of the given is renewable source of energy.
☐ Solar ☐ Wind ☐ Hydroelectric ☒ All
- Natural gas consist primarily of.
☐ Butane ☒ Methane ☐ Ethane ☐ Pentane
- Kitab-ul-Manazir was written by.
☐ Bu Ali Sina ☐ Al Razi ☒ Ibn Ul Haithum ☐ Al Bairuni
- Who was awarded the highest civil award of Nishan I Imtiaz?
☐ Dr. Ashfaq Ahmad ☒ Dr. Abdul Qadeer
☐ Dr. Samar Mubarak ☐ Dr. Abudus Salam

11. Life sciences is also known as.
☐ Chemistry ☒ Biology ☐ Physics ☐ Astronomy
12. Which of the given is synthetic polymer of polyamide?
☐ Glass ☒ Nylon ☐ Polyester ☐ Polythene
13. Hydrogen atom has one electron, one proton and ___ neutron(s).
☒ Zero ☐ One ☐ Two ☐ Three
14. Pure water is.
☐ Acidic ☐ Basic ☒ Neutral ☐ Slightly acidic
15. Junk food is defined as any food packed with.
☐ Less calories ☒ Full of calories
☐ No calories ☐ High nutrients

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Note: Time allowed for Section-B & Section-C is 2 Hours and 40 Minutes.

SECTION-B

Marks: 36

Q2: Answer any NINE parts. Each part carries 4 marks?

1. Explain the given terms:

(a) Life Science

(b) Nano Technology

2. Write names of the writers of the books given in the table.

Book Name	Write Name	Book Name	Write Name
1. Al Hawi.		3. Kitab-ul-Hind.	
2. Al Shifa.		4. Kitab-al-Mansuri-fil-tib.	

3. Write contribution of Dr. Abdul Qadeer?

4. Explain the following properties of copper:

(a) Malleability

(b) Ductility

(c) Conduction

(d) Resistance

5. Write four uses of alcohols?

6. How iron is recycled? Explain?

7. Differentiate between over nutrition and under nutrition?

8. Explain two major diseases caused by smoking?

9. What is typhoid disease? Write its causes, symptoms and treatment?

10. What is migration? Differentiate between immigration and emigration?

11. How petroleum is formed? Explain?

12. Write names of any four renewable energy sources?

SECTION-C**Marks: 24****Q3: Attempt any THREE questions. All question carry equal marks?****1. (a) Write contribution of the following:**

Name	Contribution	Name	Contribution
1. Pythagoras		3. John Dalton	
2. Aristotle and plato		4. Michael Faraday	

(b) Write four uses of Laser?**2. (a) Write any four impacts of pesticides on humans?****(b) Explain the following two steps of respiration:****(a) Breathing****(b) Cellular respiration****3. (a) Write cause (anyone) of the following disease:**

Disease	Cause	Disease	Cause
1. Cholera		3. Polio	
2. Tetanus		4. Ringworm	

(b) What is leukemia? Write three risk factors of leukemia?**4. (a) Define sustainable development. What are the two serious challenges faced by sustainable development in present world?****(b) How fuel cells are useful? Discuss?**