

General Science (New)

9th (Fresh/Reappear)

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

دائروں کو شیف (بھرنے) کے لیے نیلے یا کالے رنگ کا مارکر استعمال کریں۔

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

Time: 20 Minutes

SECTION-A

Marks

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

Which of the given is bacterial disease?

- ☐ Polio ☐ Aids ☒ Diphtheria ☐ Measles

Which organ does hepatitis affect?

- ☐ Heart ☐ Brain ☒ Liver ☐ Kidney

Number of births per 1000 is.

- ☐ Reproductive rate ☐ Growth rate
☐ Conception rate ☒ Crude birth rate

Which of the given is renewable energy?

- ☒ Solar energy ☐ Coal ☐ Nuclear ☐ Natural gas

The changes in population take place primarily due to the changes in _____.

- ☐ Birth rate ☐ Migration ☐ Death rate ☒ All these

Fossils are the:

- ☒ Dead remains of living organism
☐ Coal mines
☐ Kinds of natural gas ☐ Living beings

Natural gas consists primarily of:

- ☐ Butane ☐ Pentane ☒ Methane ☐ Ethene

High fat, sodium and sugar can lead to.

- ☐ Obesity ☐ Diabetes ☐ Heart disease ☒ All these

Which of the given book is written by A-Razi.

- ☐ Kitab-ul-Manazir ☐ Kitab-ul-Hind
☒ Al-Hawi ☐ Al-Shifa

Which science deals with living organism.

- ☒ Life science ☐ Earth science
☐ Physical science ☐ None of these

Poly isoprene is purified form of.

- ☒ Rubber ☐ Plastic ☐ Nylon ☐ Polythene

Polythene is polymer of.

- ☐ Amides ☐ Silica ☒ Ethene ☐ Esters

Which one of the given is ideal to be used in thermometer?

- ☐ Water ☐ Alcohol ☐ Benzene ☒ Mercury

Cancer causing substance in tobacco (smoking) is.

- ☐ Nicotine ☒ Tar
☐ Carbon monoxide ☐ All these

In blood clotting _____ has the main role.

☐ RBCs

☐ WBCs

☒ Platelets

☐ Blood plasma

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

SECTION-B

Marks: 36

Q2: Attempt any NINE parts. Each part carries FOUR marks.

1. Explain physical science with reference to Physics, Chemistry and astronomy.
2. Write name of scientists who perform following contributions:
 - (i) Explained Meningitis disease for the first time.
 - (ii) Invented H_2SO_4 , HCl
 - (iii) Determine diameter of earth
 - (iv) Developed atomic theory
3. Who was Dr. Abdul Qadeer? Write his contributions.
4. Write chemical composition & physical properties (any three) of polythene.
5. Enlist four harmful impacts of pesticides on humans.
6. Differentiate between over-nutrition and under-nutrition.
7. How smoking causes cardiovascular diseases? Discuss.
8. Write causative agent of following diseases.
 - (a) Typhoid
 - (b) Cholera
 - (c) AIDS
 - (d) Ring Worm
9. What measures are taken in case of snake bite?
10. Differentiate between birth rate and death rate.
11. Compare renewable energy sources with non-renewable energy sources.
12. What are advantages and disadvantages of using petroleum.

SECTION-C

Marks: 24

Note: Attempt any THREE questions. All questions carry equal marks.

- QIII: (a) Explain any two areas of limitation of science. 4
- (b) Write one main contribution of the following scientists: 4
- (i) Ibn-ul-Haithum (ii) Michael Faraday
- (iii) Aristotle (iv) Charles Darwin
- QIV: (a) Justify which element (Copper vs Aluminium) is better suited to be used in wiring. 4
- (b) Write names of any four examples of chemical changes which we encounter in our daily life. 4
- QV: (a) Describe the symptoms and treatment of tuberculosis (T.B) in detail. 4
- (b) Give two examples each of bacterial, fungal and parasitic diseases. 4
- QVI: (a) Define the term migration. Differentiate between immigration and emigration. 4
- (b) Give two examples of ways to conserve energy at home. 4

