

08.07.19 EVERWIN MATRIC.HR.SEC.SCHOOL Time: 40mins.
Std: IX (A-F) TT – SOCIAL Marks: 25

I. Choose the correct answer: 5x1=5

1. Diastrophism is connected to _____.
a) volcanism b) earthquakes c) tectonics d) fold/fault
2. _____ refers to a bowl-shaped depression found at the top of the volcano.
a) Crater b) Vent c) Chamber d) Volcanic cone
3. _____ layer is made up of liquid iron.
a) Inner core b) Outer core c) Mantle d) Crust
4. _____ is known as strata volcano.
a) Composite Volcano b) Volcanic dome c) Constructive
5. Earthquakes generate _____.
a) primary or p-wave b) secondary or s-wave
c) seismic waves

II. Match the following: 5x1=5

- | | | |
|--------------------------|---|-----------------|
| 1. Mantle | - | Pacific Ocean |
| 2. Convergent boundaries | - | Volcanic |
| 3. Endogenetic process | - | Subduction Zone |
| 4. Earthquake | - | Seismograph |
| 5. Composite Volcano | - | SIMA |

III. Give reasons for the following: 1x2=2

1. Igneous rocks are also called primary rocks or mother rocks.

IV. Distinguish between: 1x2=2

Epicenter and Hypocentre

V. Answer any three of the following: 3x2=6

1. Define plate tectonics?
2. What are igneous rocks?
3. What is Tsunami?

VI. Answer any one of the following: 1x5=5

1. How are volcanoes classified based on the periodicity of their eruptions?

08.07.19 EVERWIN MATRIC.HR.SEC.SCHOOL Time: 40mins.
Std: IX (G-L) TT – SCIENCE Marks: 25

I. Answer the following: 5x1=5

1. A physical balance measures small differences in mass up to ____.
2. How will you separate NaCl and H₂O _____.
3. The body cavity of Phylum Aschelminthes is a _____.
4. Respiration in Phylum Arthropoda is through body surface (or) _____.
5. The entire body of Phylum Mollusca is covered with fold of thin skin called _____.

II. Answer the following questions in one or two sentences: 5x2=10

Part - A (any one)

6. If a man has a mass 80kg on the earth then what is his weight?
7. Differentiate Mass and weight (Write any two points)

Part - B (any one)

8. How will you separate a mixture containing milk and cream present in milk.

9. Write the Principle of solvent extraction.

Part - C (any three)

10. List the respiratory organs of amphibians.
11. Are jelly fish and starfish similar to fishes? If no justify the answer.
12. Write any two features of class Pisces.
13. Write any two characteristics of Phylum Mollusca.
14. What is the largest Phylum of the animal kingdom write any two features of that Phylum.

III. Answer in detail: 2x5=10

15. Write in detail about Description of Vernier Caliper.

(or)

16. Define least count of vernier scale and screw gauge.
17. How will you separate two immiscible liquids? Explain with a neat diagram.

(or)

18. Write the fractional distillation method with a neat diagram.