



Public Academy Secondary School (PASS)

Birendranagar-1, Surkhet.

Second Terminal Examination 2079

Class: 7

F.M: 50

Subject: Science

Time: 1 hr 30 min

(Students are required to give answer in their own words as far as possible)

Group 'A' [Physics]

1. a) Birds, airplanes, boats, ships etc are streamline shaped. Why? [2]
b) Aryan runs in a straight line and takes 30 seconds to cover a distance of 450 meters. Then find out his speed. [4]
2. a) What is fossil fuel? Write any two differences between energy crisis and alternative energy. [1+2=3]
b) What is the normal temperature of human being? Convert 40°C in °F. [1+2=3]
3. a) What is sound? It feels hot in sunny place. Why? [1+2=3]
b) Define the reflection of light. Write down the laws of reflection of light. [1+2=3]
4. a) How is charge produced on comb while rubbing it to hair. [2]

Group 'B' [Biology]

5. a) What is natural resource? Natural resources can be used for the benefits of all living organism. [1+2=3]
b) What are the 3Rs? Write any two differences between watershed and wetland. [1+2=3]
6. a) Highlight the importance of breathing. Define life process. [2+1=3]
b) Write any two different between trachea and gills. Define villi. [2+1=3]

7. Write any seven-life process of an organism. And express their meanings also. [1+2=3]

Group 'C' [Chemistry]

8. a) Define element. Draw an atomic structure of hydrogen with electronic configuration. [1+2=3]
b) Define physical change and chemical change with two examples of each. [1.5+1.5=3]
9. a) Define acid. Write any two properties of acid. [1+2=3]
b) What is indicator? Turmeric change into red when mixed with soap. Why? [1+2=3]
10. Write any five properties and uses of silver. [3]

Best of luck