Worksheet 39 Solution

Sub: **Geography**   **Class**:**12**   **Date**:**07.07-2020**

Chapter 7: Topic: Atmospheric Disturbances, Temperate Cyclone.   Pre-test

1. Choose the correct answer

   a. Extra tropical Cyclone is mainly found in i)20°-40° ii)10°-30° iii)30°-65° iv)20°-30° north and south.

   b. Temperate cyclone generally forms in i)Summer ii)Autumn iii)Winter iv)Spring season.

   c. Temperate cyclone generally forms on i)Land ii)Sea iii)Land and Sea iv)Mountains.

   d. Area under the temperate cyclone ranges from i)50-100 sq km ii)100-200 sq km iii)500-700 sq km iv)500-3000sq km.

   e. Types of cloud that is found in temperate cyclone area is/are i)Cumulonimbus ii)Altostratus iii)Nimbostratus iv) Both ii)and iii).

   f. Velocity of wind in temperate zone ranges from i)10-30km/hr ii)50-80km/hr iii) 100-200 km/hr iv)None of these.

   g. Rainfall type in temperate cyclone is i)Light and short term ii)Light and long term iii)Torrential and short term iv)Torrential and long term.

   h. Isobers in temperate cyclone area are found to be i)Closely spaced and spherical ii)Closely spaced and v shaped iii)Widely spaced and v shaped iv)Widely spaced and spherical.

   i. In temperate cyclone difference of pressure from center to the periphery is i)10-12mb ii)50-70mb iii)100mb iv)200mb.

   j. Polar Front Theory was developed by i)Norweigian ii)Danish iii)French iv)German metereologist.

   k. Polar Front Theory was introduced in the year i)1920 ii)1918 iii)1915 iv)1925.

   l. Destruction of Fronts is known as i)Frontogenesis ii)Frontolysis iii)Occluded front iv)None of these.

   m. Western disturbances experienced in North Western India is the end result of i)Tropical cyclone ii)temperate cyclone iii)Anticyclone iv)Local disturbances.

   n. Apparent shape of warm front i)Convex and gentle ii)Convex and steep iii)Concave and gentle iv)Concave and steep

   o. Apparent shape of cold front is i)Convex and gentle ii)Convex and steep iii)Concave and gentle iv)Concave and steep

   Susmita Banerjee