

SENIOR SECONDARY COURSE GEOGRAPHY

139

Students Assignment - 01

Maximum Marks : 50

Time : 1 ½ hours

INSTRUCTIONS

Answer all the questions on a separate sheet of paper.

Give the following information on your answer sheet:

Name

Enrolment number

Subject

Assignment number

Address

Get your assignment checked by the subject teacher at your study centre so that you get positive feedback about your performance.

Do not send your assignment to National Open School
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1. If the Earth is placed at the orbit of the Mercury, what would happen to its temperature and life on it? $1+1=2$
2. Name the five layers of the atmosphere in a sequential order from lower to upper and state very briefly the typical characteristic of the layer which is most important for us. $2\frac{1}{2}+1\frac{1}{2}=3$
3. Explain the term global warming and also the two main causes responsible for it. $1+2=3$
4. How do the temperate cyclones differ from tropical cyclones? Explain three distinguishing features of each. $1\frac{1}{2}+1\frac{1}{2}=3$
5. Distinguish between convectional and orographic rainfall. Also give

an example of the typical region of each type of rainfall $2+1=3$

6. "The general circulation of ocean currents in the North and South Atlantic ocean is in opposite direction." Explain the statement with examples of at least three current from each part of the ocean. $6 \times \frac{1}{2} = 3$
7. Group the following characteristics under Torrid Zone, Temperate Zone and Frigid Zone ; (1) Angle of sun's rays varies from 0° to 90° , (2) Angle of sun's rays varies from 0° to $23\frac{1}{2}^\circ$; (3) Angle of sun's rays varies from 43° to 90° ; (4) Day or night is of 12 hours duration in the central part ; (5) Difference between the length of day and night increases towards polar circles ; (6) Day or night is of six months duration. $6 \times \frac{1}{2} = 3$
8. Define the term galaxy. What name is given to our galaxy? Give two facts to prove that it is our galaxy. $1+1+2=4$
9. Explain with suitable examples four important factors which are responsible for making the earth a unique planet in the whole universe. $4 \times 1 = 4$
10. Name the four important pressure belts of the world along with their latitudinal extent in each hemisphere. $4 \times 1 = 4$
11. Describe four important factors which affect the distribution of rainfall in the world. $4 \times 1 = 4$
12. Give four characteristics each of weather and climate to highlight differences between them. $2+2=4$
13. Describe five ways in which oceans are useful to man. $5 \times 1 = 5$
14. In the outline map of the WORLD locate the following with appropriate symbols and label them correctly. $5 \times 1 = 5$
 - (14.1) A place known as 'cold pole' of the world ;
 - (14.2) Regions of north west westerlies over oceans ;
 - (14.3) An area of scanty precipitation in southern Africa ;
 - (14.4) A typical region of monsoon climate in Asia ;
 - (14.5) Deepest part of the oceans ;