

**B.Sc. (Honours) Semester – III: Internal Examination - 2021**

**Subject: Geography (Honours)**

**Paper: CC05 (Climatology)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. Why do isotherms shift towards north and south over the seasons? Discuss the factors affecting the distribution of insolation on the earth's surface. 3+7
2. Why are hot deserts located in the western part of the continents in the tropical region? Describe the Tricellular Meridional Model of wind circulation. 3+7

.....

**B.Sc. (Honours) Semester – III: Internal Examination - 2021**

**Subject: Geography (Honours)**

**Paper: CC06 (Hydrology and Oceanography)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. What is the difference between zone of aeration and zone of saturation? Describe the various factors controlling Surface Run-off with suitable sketches. 3+7
2. Distinguish between Spring Tide and Neap Tide. Discuss the factors responsible for generation and circulation of ocean currents. 3+7

.....

## **B.Sc. (Honours) Semester – III: Internal Examination - 2021**

**Subject: Geography (Honours)**

**Paper: CC07 (Statistical Methods in Geography)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. What is correlation? Explain the types and methods of correlation with diagram. 3+7
  
2. Based on the following data table (Table No. 1) compute and draw the trend line by four years moving average method for wheat production from 1901-1910 and interpret it. 7+3

**Table No. 1**

<b>Year</b>	<b>Wheat production (in million tonnes)</b>
1901	13.45
1902	13.72
1903	14.01
1904	13.10
1905	14.50
1906	13.95
1907	13.99
1908	14.10
1909	14.12
1910	14.75

.....

**B.Sc. (Honours) Semester – III: Internal Examination - 2021**

**Subject: Geography (Honours)**

**Paper: SEC-A-1 (Coastal Management)**

**Full Marks: 10    Time: 30 Minutes**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**Answer any one question**

1. Mention the causes of eustatic changes in sea level. Explain the role of coastal morphodynamic variables in the evolution of coastal forms. 3+7
2. What are the characteristics of Coastal Regulation Zones? Discuss with suitable examples the positive and negative effects of tourism on coastal environment. 3+7

.....