Final Examination-2020-21

L-30

Geography (029)

Time 3 hrs.

Class 11

M. M. 70

General Instructions:

- (1) In Section A, question numbers 1 to 15 are Objective type multiple choice questions carrying 1 mark each. Attempt any 14.
- (2) In Section B, Question numbers 16 and 17 are Short Source Based and Graph Based questions respectively carrying 3 marks each.
- (3) In Section C, Questions numbers 18 and 22 are short answer questions carrying 3 marks each. Answers to these questions should not exceed 60-80 words.
- (4) In Section C, Question numbers 23-27 are long answer questions carrying 5 marks each. Answer to these questions should not exceed 120-150 words.
- (5) Question number 28 and 29 is related to location and labeling and Identification of geographical features on maps respectively, carrying 1 mark each. Outline map of India and World provided to you must be attached with your answer book.

Section -A

Choose the correct answer.

 $1 \times 14 = 14$

- During photosynthesis, carbon dioxide combines with water in presence of sunlight to form:
 - (a) Proteins

(b) Amino Acids

(c) Carbohydrates

- (d) Vitamins
- 2 When was convention of biodiversity at the Earth summit held?
 - (a) At Vianna in 1994
- (b) At Rio de janerio, Brazil in 1992
- (c) At Atlanta in 1996
- (d) At Rome in 1998

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Which of the following is the	largest river of pelifisural findia:			
(a) Mahanadi	(b) Godavari			
(c) Krishna	(d) Sabarmati			
What separates India from Sri	ilanka ?			
(a) Gulf of manner and Palk S	그 보이 나를 하는 사람들이 가장에게 본 이번 사람이 나는 전쟁하다면 되는데 200대를 하는데 사람들이 보다는데 그리고 있다면 그래요? 그리고 있다면 그리고 있다면 하는데 그리고 있다면 그리고 있다.			
(b) Bay of Hundson				
(c) Arabian Sea				
(d) Indian Ocean				
Which one of the following wa	as the first biosphere reserve of India?			
(a) Nilgiri Biosphere	(b) Nanda Devi Biosphere			
(c) Sunderbans Biosphere	(d) Gulf of Mannar Biosphere			
Which soil is formed by the oc	ccurrence of volcanoes?			
(a) Alluvial soil	(b) Black soil			
_(c) Red soil	(d) Peaty soil			
How do we measure the magn	nitude of earthquake ?			
(a) Mercalli Scale	(b) Richter Scale			
(c) Seismograph	(d) Measuring Scale			
Upward and downward mover	ment of ocean water is known as?			
(a) Waves	(b) Ocean currents			
(c) Tides	(d) None of above			
With increase in height the te called:	emperature decreases at a normal at rate. It is			
(a) Air drainage	(b) Earth radiation			
(c) Normal lapse rate	(d) Inversion of temperature			
Which one of the following sc	cholars coined the term "Geography":			
(a) Herodotus	(b) Erathosthenese			
(c) Galileo				
THE PROPERTY OF THE PROPERTY O	(a) Mahanadi (c) Krishna What separates India from Sri (a) Gulf of manner and Palk S (b) Bay of Hundson (c) Arabian Sea (d) Indian Ocean Which one of the following wat (a) Nilgiri Biosphere (c) Sunderbans Biosphere Which soil is formed by the oce (a) Alluvial soil (c) Red soil How do we measure the magn (a) Mercalli Scale (c) Seismograph Upward and downward moves (a) Waves (c) Tides With increase in height the tecalled: (a) Air drainage (c) Normal lapse rate Which one of the following so			

(3)Core is made up of which metal? 11 (b) Iron and Silicon (a) Iron and Magnesium (c) Nickel and Iron (d) Nickel and Magnesium All earth materials having a sloping surface and tend to produce 12 movement of matter in downslope direction. It is called: (b) Volcanism (a) Soil Erosion (d) Slump (c) Landslide 13 To what height is ozone found? (a) 10 to 50 kilometer (b) 5 to 60 kilometer (d) 42 to 90 kilometer (c) 30 to 80 kilometer The process of heating up of land through horizontal movement of heat is 14 THE BURES PROPERTY STANFOLD SETT called: (b) Convection (a) Conduction (c) Advection (d) Air drainage Which one of the following are the highest cloud in the sky? 15 (b) Stratus (a) Cirrus (d) Cumulus (c) Nimbus Section -B $1 \times 3 = 3$ Source based question 16 Characteristics of Waves

Wave crest and trough: The highest and lowest points of a wave are called the crest and trough respectively.

Wave height: It is the vertical distance from the bottom of a trough to the top of a crest of a wave.

Wave amplitude: It is one-half of the wave height.

Wave period: It is merely the time interval between two successive wave crests or troughs as they pass a fixed point.

Wavelength: It is the horizontal distance between two successive crests.

Wave speed: It is the rate at which the wave moves through the water, and is measured in knots.

Wave frequency: It is the number of waves passing a given point during a one second time interval.

(1) The	horizontal	distance	between	two	successive	crests	is called
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(a) Wavelength

(b) Wave speed

(c) Wave crest

- (d) Wave frequency
- (2) The highest point of a wave is called:
 - (a) Wave height

(b) crest

(c) Trough

- (d) None of above
- (3) The lowest point of wave is called:

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(a) Wave height.

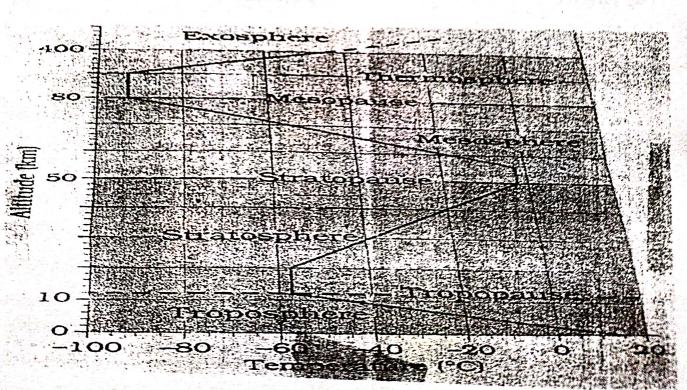
(b) crest

(c) Trough

(d) None of above

17 Study the graph give below and answer the following:

 $1\times3=3$



Are physical and chemical weathering processes independent of each other? If not, why? Explain with examples.

Explain the composition of atmosphere with the help of a diagram.

Explain in detail about nitrogen cycle.

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Or

Differentiate between tropical evergreen forests and tropical deciduous forests. Explain the factors which affect the temperature distribution of air at any 26 given place. 5 What is gully erosion? How can it be prevented? 27 Or Explain about the heat budget of the earth. 28 Map Based Questions: 5 On the given map of India, locate and label any five of the following: (1) River Ganga (2) Areas covered by black soil (3) River Brahmaputra (4) A biosphere reserve in Uttrakhand (5) Forest survey of India Head Quarter. (6) Area under mangrove forests. (7) Gulf of Mannar. With the help of the following key, identify the areas marked as A, B, C, D 29 and E. On the given outline map of World. Write the ocrrect name of the place in the blank space given on the map: (i) Nilgiri Biosphere Reserve (ii) Area under mangrove forests (iii) Area under Alluvial Soil (iv) River Narmada (v) River Tapi