



## GEOGRAPHY

### BOOKS - NDA PREVIOUS YEARS

### WORLD & PHYSICAL GEOGRAPHY

#### Mcqs

1. Consider the following statements with reference to doldrums:

1. Doldrums comprise the equatorial belt of low atmospheric pressure.
2. The trade winds converge at doldrums
3. There is strong upward movement of air in doldrums
4. Doldrums are characterized by turbulent weather

Which of the statements given above are correct ?

A. 1 and 2 only

B. 3 and 4 only

C. 1,2 and 3 only

D. 1,2,3 and 4

**Answer: C**



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2. Match List-I (Volcano) with List-II (Country) and select the correct answer using the code given below the Lists:

**List-I (Volcano)**

- A. Semeru
- B. Cotopaxi
- C. Etna
- D. Kilimanjaro

**List-II (Country)**

- 1. Indonesia
- 2. Equador
- 3. Italy
- 4. Kenya
- 5. India

- A. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
1	2	3	4

- B. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
3	4	5	2
- C. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
1	4	3	2
- D. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
3	2	5	4

**Answer: A**

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3. The Agulhas' water current flows through which one of the following oceans?

- A. South Atlantic Ocean
- B. North Atlantic Ocean
- C. Indian Ocean
- D. North Pacific Ocean

**Answer: C**



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4. Consider the following statements :

1 Rainfall in the doldrums is of convectional type.

2 In China type climate, rainfall occurs throughout the year.

Which of the statements given above is are correct ?

A. 1 only

B. 2 only

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: C**



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5. In which one of the following regions of the world, are the grasslands called Campo found ?

- A. Brazil
- B. China
- C. Eurasia
- D. North America

**Answer: A**



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6. Consider the following statements:

1. Half the water vapour in the air in atmosphere lies below an altitude of 1000 m.
2. The amount of precipitable water in the atmosphere increases

from the equator to the poles

Which of the statements given above is/are correct ?

A. Only 1

B. Only 2

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: D**



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7. Consider the following statements in respect of temperate cyclones

1.They rise in the belt of trade winds.

2.They move from west to east

Which of the statements given above is/are correct?

A. Only 1

B. Only 2

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: B**



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8. Which one of the following experiences the least annual range of temperature ?

A. Equator

B. Tropic of Cancer

C. Tropic of Capricorn

D. Arctic Circle

**Answer: D**



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**9. Which one of the following is not correctly matched ?**

A. Buran :Canada

B. Hurricane :Caribbean Islands

C. Tornado :Southeast USA

D. Typhoon : Philippines

**Answer: A**



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**10. Consider the following statements :**

1.The Labrador current is a cold current in the North Atlantic Ocean.

2 The Falkland current is a warm current that flows along the Chile coast of South Pacific Ocean.

Which of the statements given above is/are correct?

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

**Answer: A**



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11. In which country is the active volcano Mount Merapi located?

- A. Philippines
- B. Japan

C. Indonesia

D. Italy

**Answer: C**



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**12.** Consider the following statements:

1. All cyclones develop an eye at the centre

2. The temperature inside the eye is nearly  $10^{\circ}C$  lesser than that of the surroundings.

Which of the statements given above is/are correct?

A. Only 1

B. Only 2

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: A**



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**13.** Consider the following statements:

1. The approach of a cyclone is characterised by a rise in barometric reading.
2. In the cyclones of the northern hemisphere, the winds circulate in anticlockwise direction.

Which of the statements given above is/are correct?

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

**Answer: C**

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14. Which one of the following cities is located on the bank of the Irrawaddy river?

A. Bangkok

B. Hanoi

C. Manila

D. Yangon

**Answer: D**

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15. Granite and Basalt are the examples of which of the following?

A. Sedimentary rocks



B. Metamorphic rocks

C. Igneous rocks

D. Calcareous rocks

**Answer: C**



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**16.** Which region of the Earth's surface is called doldrums?

A. Equatorial low pressure belt

B. Sub-tropical high pressure belt

C. Between  $10^\circ$  to  $23.5^\circ$  North and South Latitudes

D. Sub-polar low pressure belt

**Answer: A**



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17. Which one of the following is a low cloud?

A. Cirrocumulus

B. Cirrostratus

C. Altcumulus

D. Nimbostratus

**Answer: D**



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18. Consider the following statements

1. International Date Line lies on the Greenwich Meridian

2. The date of Alaska is ahead of the date of Siberia

Which of the statements given above is/are correct?

A. Only 1

B. Only 2

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: D**



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**19.** Which of the following two countries are separated by the 49th Parallel?

A. North Korea and South Korea

B. South Africa and Zimbabwe

C. USA and Canada

D. France and Germany

**Answer: C**



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**20.** Which one of the following pairs of oceans and currents is not correctly?

- A. North Atlantic Ocean: Canaries current
- B. Eastern Pacific Ocean: Kuroshio current
- C. South Atlantic Ocean: Falkland current
- D. Indian Ocean: Agulhas current

**Answer: B**



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21. Savanna natural region is characterized by which one of the following?

- A. A distinct wet and dry season with annual range of temperature between  $3^{\circ}C - 8^{\circ}C$
- B. Broad-leaf evergreen forests and grasses
- C. Uniformly high temperature throughout the year
- D. No spatial variation in mean annual rainfall

**Answer: C**



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22. Which forests lie in the Amazon Basin in South America?

- A. Montane forests

- B. Tropical rain forests
- C. Wet deciduous forests
- D. Subtropical mixed forests

**Answer: B**

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**23.** The Victoria Falls in Africa is located on which river?

- A. Zaire
- B. Orange
- C. Zambezi
- D. Niger

**Answer: C**

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24. Mount Merapi is located on which one of the islands?

- A. Java
- B. Sumatra
- C. Borneo
- D. Celebes

**Answer: A**

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25. Consider the following statements:

1. In tropical grassland regions, rainfall mainly occurs in the short summer season with a long dry season.

2. In Mediterranean region, the winter rainfall is caused by the

passage of cyclones in the westerly wind belt which lies over this area.

Which of the statements given above is/are correct?

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

**Answer: C**

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**26.** Injurious ultraviolet radiations are mostly prevented from reaching the land surface as these are absorbed mostly by which one of the following?

- A. Stratosphere



B. Troposphere

C. Ionosphere

D. Mesosphere

**Answer: A**



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**27.** In which one of the following areas is monsoon climate found?

A. Pacific Coast of Columbia

B. South-Eastern United States

C. Southern Part of South Africa

D. Central California

**Answer: A**



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28. In which one of the following regions does the Indus river originate?

- A. Ladakh
- B. Lahaul
- C. Nepal
- D. Tibet

**Answer: D**



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29. What is the term used to denote the temperature at which the water vapour present in the atmosphere is sufficient to saturate?

- A. Condensation point

B. Dew point

C. Sublimation point

D. Saturation point

**Answer: B**



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**30.** The earth's reflectivity of solar radiation, termed albedo, is highest in which one of the following?

A. Cropland

B. Forest area

C. Sand desert

D. Snow area

**Answer: D**



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**31.** What is the name given to an almost circular coral reef inside which there is a lagoon?

- A. Fringing reef
- B. Barrier reef
- C. Atoll
- D. Isthmus

**Answer: C**



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**32.** Consider the following statements:

1. Coal is a sedimentary rock

2 Basalt is an igneous rock.

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

**Answer: C**



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**33.** In which one of the following region are the Andes mountains located?

- A. East Europe
- B. West Europe
- C. South Africa

D. South America

**Answer: D**



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**34.** Which one of the following soils is most suitable for cotton cultivation?

- A. Red soil
- B. Black soil
- C. Loamy soil
- D. Laterite soil

**Answer: B**



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**35.** What are the Westerlies?

- A. Permanent winds
- B. Seasonal winds
- C. Local winds
- D. Variable winds

**Answer: A**



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**36.** El Nino current appears along the coast of which one of the following?

- A. Brazil
- B. Peru
- C. Alaska

D. Western Australia

**Answer: B**



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37. Which one of the following regions on the surface of Earth has Horse Latitudes?

- A. Equatorial low pressure belt
- B. Sub-tropical high pressure belt
- C. Sub-polar low pressure belt
- D. Polar high pressure belt

**Answer: B**



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**38.** Which one of the following is produced by rain water action?

A. Gorge

B. Cliff

C. Gully

D. Dome

**Answer: C**



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**39.** Which one of the following statements is/are correct with regard to lines of latitude?

1. They are concentric circles numbered from  $0^\circ$  to  $90^\circ$

2. They are circles on a globe which are parallel to the Equator and which are to the North and South of the Equator

Select the correct answer using the code given below

A. Only 1

B. Only 2

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: C**



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**40.** Which one of the following statements is/are correct with regard to Milky Way

1.It is a spiral galaxy.

2.The solar system resides in one of its spiral arms

Select the correct answer using the code given below

A. Only 1

B. Only 2

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: C**



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**41. Which one of the following pairs is not correctly matched**

- Month    Position of Sun
- A. June    Midday Sun overhead at Tropic of Cancer
- Month    Position of Sun
- B. December    Midday Sun overhead at Tropic of Capricorn
- Month    Position of Sun
- C. March    Midday Sun overhead on Equator
- Month    Position of Sun
- D. September    Midday Sun overhead at Arctic Circle

**Answer: D**



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42. Foucault experiment is proof of which one of the following?

A. Revolution of Earth

B. Rotation of Earth

C. Rotation of Moon

D. Revolution of Moon

**Answer: B**



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43. Which one of the following is the time required for the earth to return to a given point in its orbit with reference to fixed stars called ?

A. Lunar year

B. Solar year

C. Tropical year

D. Sidereal year

**Answer: D**



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**44.** Which of the following statements characterize convectional rainfall?

1.It occurs daily in the afternoon in the equatorial regions

2 It is of very short duration

3.It occurs through Cumulonimbus clouds

Select the correct answer using the code given below

A. 1,2 and 3

B. 1 and 3 only

C. 2 and 3 only

D. 1 only

**Answer: A**



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**45.** Which of the following statements characterize the anticyclones?

1. Anticyclones are low pressure systems
2. They are characterized by divergent wind circulation
3. They are indicative of dry weather conditions

Select the correct answer using the code given below?

A. 2 and 3 only

B. 1 and 3 only

C. 1,2 and 3

D. 1 only

**Answer: A**



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**46.** Sunda Trench lies in

A. Atlantic Ocean

B. Pacific Ocean

C. Indian Ocean

D. Antarctic Ocean

**Answer: C**



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**47.** If there are four place on the same meridian 500 km apart and the local time at one place is 12.00 noon, what will be the time at

the three other places?

- A. 12.00 noon
- B. 1.00pm
- C. 2.00pm
- D. Different time at different places

**Answer: A**



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**48.** Which of the following features is the product of vulcanicity?

- A. Fold Mountain
- B. Escarpment
- C. Geosynclines
- D. Caldera



**Answer: D**

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**49.** Starting from the best quality of iron ore, Which one of the following is the correct sequence of the iron ore based on the contents of pure iron?

- A. Magnetite-Hematite- Limonite- Siderite
- B. Hematite- Magnetite-Limonite -Siderite
- C. Magnetite- Hematite -Siderite -Limonite
- D. Hematite-Magnetite -Siderite -Limonite

**Answer: A**

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50. How much of a time period  $15^\circ$  of longitudes account for?

- A. 4 minutes
- B. 15 minutes
- C. 30 minutes
- D. 60 minutes

**Answer: D**



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51. Who among the following was first to measure the circumference of the Earth?

- A. Eratosthenes
- B. Aristotle

C. Hecataeus

D. Herodotus

**Answer: A**



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**52.** Detroit is famous for which one of the following industries?

A. Textile

B. Food Processing

C. Automobiles

D. Locomotives

**Answer: C**



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**53.** Kiel Canal connects

- A. Baltic Sea and North Sea
- B. Red Ocean and Mediterranean Sea
- C. Caribbean Sea and Pacific Sea
- D. Atlantic Ocean and Pacific Ocean

**Answer: A**



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**54.** Match List I with List II and select the correct answer using the codes given below the lists

	<b>List I (Fishing Bank)</b>		<b>List II (Coast)</b>
A.	Dogger Bank	1.	Newfoundland Coast
B.	Grand Bank	2.	Australia Coast
C.	Great Barrier Reef	3.	North Sea
D.	Tonga Trench	4.	East of Fiji Island

- A.  $\begin{matrix} A & B & C & D \\ 3 & 1 & 2 & 4 \end{matrix}$
- B.  $\begin{matrix} A & B & C & D \\ 4 & 2 & 1 & 3 \end{matrix}$
- C.  $\begin{matrix} A & B & C & D \\ 3 & 2 & 1 & 4 \end{matrix}$
- D.  $\begin{matrix} A & B & C & D \\ 4 & 1 & 2 & 3 \end{matrix}$

**Answer: A**



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**55.** Dry point settlements are common in

- A. Deserts
- B. Plateaus
- C. Mountain regions
- D. Deltas

**Answer: D**



56. Match List I with List II and select the correct answer using the codes given below the lists

	List I (Volcano)		List II (Country)
A.	Mount Etna	1.	India
B.	Kilimanajaro	2.	U S A
C.	Katmai	3.	Tanzania
D.	Barren Island	4.	Italy

- A.    *A B C D*  
      1 3 2 4
- B.    *A B C D*  
      4 2 3 1
- C.    *A B C D*  
      1 2 3 4
- D.    *A B C D*  
      4 3 2 1

Answer: D



57. Which among the following planets is smaller in size than the earth ?

A. Neptune

B. Venus

C. Saturn

D. Uranus

**Answer: B**



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58. Which of the following is not correctly matched?

A. Prime Meridian :  $0^\circ$

B. International Date Line :  $180^\circ$

C. Arctic Circle :  $66\frac{1}{2}^\circ N$

D. Tropic of Cancer :  $3\frac{1}{2}^\circ$

**Answer: D**



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**59.** Which one of the following is different in local time between the places located at  $165^\circ$  East and  $165^\circ$  West?

A. 0 hours

B. 12 hours

C. 22 hours

D. 24 hours

**Answer: B**





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**60.** In which one of the following is a great dark plain called "Maria" found?

- A. Earth
- B. Mars
- C. Jupiter
- D. Moon

**Answer: D**



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**61.** Consider the following statements

1.The vernal equinox falls on March 21

2. On equinox, the sun is directly overhead at the equator

3. The changes in the day length on equinox result from the changes in the tilt of the earth with respect to the sun

Which of the statements given above is/are correct?

A. 1 and 2

B. 1 only

C. 1, 2 and 3

D. 2 and 3

**Answer: C**



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62. Tropical cyclone of Philippines is termed as

A. Typhoon

B. Willy-willy

C. Hurricane

D. Baguio

**Answer: A**



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**63.** Which one of the following separates North and South Islands of New Zealand?

A. Foveaux Strait

B. Bass Strait

C. Cook Strait

D. Torres Strait

**Answer: A**



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**64.** Consider the following statements

1. The earth's rotation axis is not at  $90^\circ$  to its orbital plane.
2. The earth's rotation axis is inclined at  $23.5^\circ$

Which of the statements given above is/are correct?

- A. Only 1
- B. Only 2
- C. Both 1 and 2
- D. Neither 1 nor 2

**Answer: C**



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**65.** Consider the following statements

1. The difference between the moisture-holding capacity of air and its actual humidity is called saturation deficit.

2 The temperature to which air has to be cooled in order to reach saturation is called dew point.

Which of the statements given above is/are correct?

A. Only 1

B. Only 2

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: C**



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66. Which one of the following is the correct order in which the gases from the atmosphere disappear as one moves away from the surface of the earth ?

- A. Carbon dioxide Oxygen-Nitrogen
- B. Oxygen-Nitrogen-Carbon dioxide
- C. Carbon dioxide-Nitrogen-Oxygen
- D. Nitrogen-Oxygen-Carbon dioxide

**Answer: B**



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67. Consider the following statements related to stratification of atmospheric layers

1. All storms and cloudiness are restricted to stratosphere.
2. Cirrus clouds are formed on the top layers of troposphere

3.Stratosphere is also an 'isoclinical layer'

Which of the statements given above are correct?

A. 1 and 2

B. 1 and 3

C. 2 and 3

D. 1,2 and 3

**Answer: D**



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**68.** What is the process that tends to build up the land surface by deposition of solid material in its lower areas, known as?

A. Abrasion

B. Agglomeration

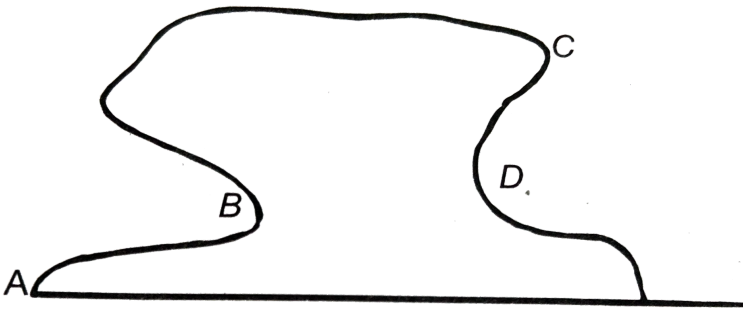
C. Aggradation

D. Attrition

**Answer: B**

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69. The below diagram is of a mushroom rock. In which of the points in the diagram is the intensity of wind strongest?



A. A

B. B



C. C

D. D

**Answer: B**



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**70.** What does the imaginary line passing through Lake Ontario, Lake Erie, Lake Huron and Lake Superior represent?

- A. The southern boundary of Canada
- B. The northern limit of iron and steel industry of USA
- C. The internal waterway route to USA
- D. The internal waterway route to Canada

**Answer: A**



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71. What is the reason for the major hot deserts of the world lying in the western part of the tropical latitude ?

- A. They are influenced by trade winds
- B. They lie in the rain-shadow area of the mountains
- C. They are influenced by monsoon winds
- D. They are influenced by dry winds

**Answer: D**

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72. Consider the following statements

- 1 International Date Line is drawn zigzag to avoid landmass.
2. International Date Line is  $180^\circ$  W as well as  $180^\circ$  E of Greenwich
3. A ship sailing westward from Greenwich when crossing

International Date Line would put back the date by a day

Which of the statements given above is/are correct?

A. 1 and 2

B. 1 and 3

C. 1,2 and 3

D. 3 only

**Answer: C**



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**73.** The earth's crust is the thinnest

A. under the mountain ranges

B. under continental masses

C. at ocean bottoms

D. at mid-oceanic ridges

**Answer: D**



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74. Cloudy nights are warmer than clear nights because of

- A. greenhouse effect
- B. depletion of ozone layer
- C. insolation
- D. terrestrial radiation

**Answer: C**



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75. Match List-I with List-II and select the correct answer using the code given below the Lists:

	List-I		List-II
	(Landform)		(Agent of Erosion/deposition)
A.	Inselbergs	1	River
B.	Stalagmite	2	Glacier
C.	Delta	3	Underground water
D.	Moraines	4	Wind

- A. *A B C D*  
4 2 1 3
- B. *A B C D*  
3 1 2 4
- C. *A B C D*  
1 2 3 4
- D. *A B C D*  
4 3 1 2

Answer: D



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76. If it is 12 noon in a city located on  $90^\circ$  W longitude, what would be the time in a city located on  $105^\circ$  W longitude?

- A. 13:00 hours
- B. 12:30 hours
- C. 11:30 hours
- D. 11:00 hours

**Answer: D**



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77. As we proceed from equator to poles, the daily range of temperature tends to

- A. decrease
- B. increase

C. be constant

D. fluctuate

**Answer: A**



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**78.** Doldrums are characterized by

A. uniform low pressure

B. uniform high pressure

C. high wind velocity

D. low humidity

**Answer: A**



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79. Glaciated regions are associated with

- A. V-shaped valley
- B. U-shaped valley
- C. sand dunes
- D. stalactites

**Answer: B**



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80. Which one of the following is generally found in sedimentary rocks?

- A. Basalt
- B. Silica



C. Shale

D. Magnesium

**Answer: C**



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**81.** The interval between two high tides is approximately

A. 4 hours

B. 6 hours

C. 12 hours

D. 24 hours

**Answer: C**



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**82.** Xerophytes thrive in

- A. hot and arid condition
- B. cool and wet condition
- C. hot and wet condition
- D. cool and arid condition

**Answer: A**



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**83.** Biodiversity is highest in

- A. Tundra zone
- B. Prairie zone
- C. Torrid zone

D. Tropic zone

**Answer: B**



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**84.** Which of the following statements is/are correct?

1 Lunar eclipse takes place when the Earth comes directly between the Sun and the Moon

2.Solar eclipse happens when the Moon comes directly between the Sun and the Earth

3.Lunar eclipse takes place when the Sun comes directly between the Earth and the Moon

4.Solar eclipse happens when the Earth comes directly between the Sun and the Moon

Select the correct answer using the code given below: Code

A. 1,2 and 3

B. 3 and 4

C. 1 and 2

D. 2 only

**Answer: A**



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**85.** Which of the following statements are correct?

1. In a cyclone, the area of low pressure is at the centre surrounded by the areas of high pressure

2. In a cyclone, the areas of low pressure surround the area of high pressure

3. In an anti-cyclone, the area of high pressure is surrounded by the areas of low pressure

4. In an anti cyclone, the area of low pressure is surrounded by the

areas of high pressure

Select the correct answer using the code given below: Code:

A. 1 and 2

B. 1 and 3

C. 1 and 4

D. 2 and 4

**Answer: B**



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**86.** Which among the following statements characterized El Nino?

I. It occurs at irregular intervals

II. It carries warmer water

III. It carries less saline water

IV. Its atmospheric equivalent is southern oscillation

Select the correct answer using the code given below

- A. I and II only
- B. II and III only
- C. III and IV only
- D. I,II,III and IV

**Answer: D**



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**87.** Consider the following statements regarding Andaman and

Nicobar Islands

I.It enjoys equatorial climate

II.This is the only place in India where a volcano is located

III. This is the only place in India where coral bed is found

Which of the statements given above is/are correct?

A. I, II and III

B. I and II only

C. II and III only

D. I Only

**Answer: C**



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**88.** Consider the following statements

I. In a cyclone, the direction of wind flow is counter clockwise in the northern hemisphere

II. The tropical cyclone fades away when it reaches land because

there is no large supply of warm moist air

Which of the statements given above is/are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I and II

**Answer: C**



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**89.** Which among the following statements about the North Atlantic

Drift is/are correct?

I.It keeps the west coast of Northern Europe ice free

II.It is responsible for the warm air mass which interacts with the cold air mass from the Polar region and causes rainfall in Western



Europe

III. It meets the Labrador current near Vancouver Island and causes dense fog

Select the correct answer using the code given below

A. I , II and III

B. I and II only

C. II only

D. I and III only

**Answer: B**



**View Text Solution**

**90.** Which one among the following explains the earthquakes of the eastern margins of Asia?

A. Subduction of Pacific plate under Asiatic plate

- B. Subduction of African plate below European plate
- C. Subduction of Indian plate under Asiatic plate
- D. Subduction of American plate under the Pacific plate

**Answer: A**

 [View Text Solution](#)

**91.** Unlike other Meridians International Date Line is drawn zigzag in order to

- A. permit certain land areas and groups of islands to have the same calendar day
- B. facilitate the sailors to adjust time in their watch
- C. adjust the day in calendar while sailing from east to west and vice versa

D. make  $180^\circ$  E and  $180^\circ$  W coterminal

**Answer: A**



[View Text Solution](#)

92. The time difference between the two cities city A ( $30^\circ$  N  $60^\circ$  E) and city B ( $30^\circ$  N  $80^\circ$  W) would be

A. 80 min

B. 0 min

C. 20 min

D. 34 min

**Answer: A**



[View Text Solution](#)

**93.** Consider the following statements

I.The tropical year is shorter than the sidereal year

II.The solar day is longer than the sidereal day

Which of the statements given above is/are correct?

A. I only

B. II only

C. Both I and II

D. Neither I nor II

**Answer: A**



**View Text Solution**

**94.** Consider the following statements about rocks

I.Shale becomes slate through metamorphosis

II.Shale is converted to slate when it is subjected to tremendous

pressure and high temperature

Which of the statements given above is/are correct?

- A. I only
- B. II only
- C. Both I and II
- D. Neither I nor II

**Answer: C**



[View Text Solution](#)

**95.** Which one of the following is the correct sequence of the four stages of water movement in a hydrological cycle?

- A. Evaporation-Condensation-Precipitation-Infiltration
- B. Evaporation-Precipitation-Condensation-Infiltration

C. Infiltration-Evaporation-Condensation-Precipitation

D. Condensation-Precipitation-Evaporation-Infiltration

**Answer: A**



[View Text Solution](#)

**96.** Match list I with list II and select the correct answer using the code given below the lists :

**List I**

**(Agents of erosion)**

- (A) Running water
- (B) Glacier
- (C) Wind
- (D) Underground Water

**List II**

**(Topographical feature)**

- 1. Cirque
- 2. Barchan
- 3. Rift Valley
- 4. Doline
- 5. Gorge

A. A-5 , B-1 , C-2 , D-4

B. A-5 , B-2 , C-1 , D-3

C. A-4 , B-2 , C-1 , D-5

D. A-3 , B-4 , C-1 , D-2

**Answer: A**



**View Text Solution**

**97.** Match list I with list II and select the correct answer using the code given below the lists :

**List-I (Grassland)**

- (A) Pampas
- (B) Veld
- (C) Downs
- (D) Llanos

**List-II (Country)**

- 1. Venezuela
- 2. Australia
- 3. South Africa
- 4. Argentina

A. A-4 , B-3 , C-2 , D-1

B. A-4 , B-2 , C-3 , D-1

C. A-1 , B-3 , C-2 , D-4

D. A-1 , B-2 , C-3 , D-4

**Answer: A**



[View Text Solution](#)

**98.** Jet streams are usually found in the

- A. ozonosphere
- B. mesosphere
- C. tropopause
- D. ionosphere

**Answer: C**



[View Text Solution](#)

**99.** The exceptionally high and low tides that occur at the time of the new moon or the full moon when the Sun, the Moon and the



Earth are approximately aligned is called

- A. Spring
- B. Fall
- C. Neap
- D. Diurnal

**Answer: A**



[View Text Solution](#)

**100.** What is the general direction of cyclones formed in the Bay of Bengal?

- A. East to West
- B. West to East
- C. West to South

D. North to South

**Answer: A**



**View Text Solution**

**101.** No trees are found in Tundra biome near polar region of northern hemisphere. This is due to

A. snowfall inhibits plant respiration

B. frozen ice beneath the surface soil (permafrost) restricts root growth

C. less wind movement and inadequate sunlight

D. low temperature which restricts development reproductive organs

**Answer: B**



[View Text Solution](#)

**102.** If the Earth's axis were perpendicular to the plane of its orbit, which one among the following would not have happened?


- A. The North Pole will always lie in dark
- B. Days and nights would be equal throughout the year
- C. No change of seasons will take place
- D. The sun will be perpendicular to the equator

**Answer: B**



[View Text Solution](#)

**103.** Match list I with list II and select the correct answer using the code given below the lists :

List - I (Peak in the Easter Himalaya)	List - II (Location in the Map)
A. Makalu B. Kanchenjunga C. Namcha Barwa D. Mt. Everest	

A. A-2 , B-3 , C-4 , D-1

B. A-2 , B-4 , C-3 , D-1

C. A-1 , B-4 , C-3 , D-2

D. A-1 , B-3 , C-4 , D-2

**Answer: D**



[View Text Solution](#)

**104.** Which one among the following is the best reason for the marked increase in the agricultural production in India in the past decades?

- A. Increases in the area under cultivation
- B. Conversion of barren land into agricultural land
- C. Use of improved agricultural methods and technologies
- D. Priority status given by the successive governments to agricultural sector over the industry sector

**Answer: C**



[View Text Solution](#)

**105.** Which of the following statements regarding the Deccan Traps is/are correct?

- 1.Intense volcanic activity in the form of fissure eruption took place towards the end of Cretaceous period
- 2 The volcanic lava spread out in horizontal sheets
- 3.The regur soil found here is rich in nitrogen.

Select the correct answer using the codes given below

- A. 1 and 2 only
- B. 1,2 and 3
- C. 3 only
- D. 1 only

**Answer: B**

 [View Text Solution](#)

**106.** Hot deserts like Sahara, Arabia, etc, receive very negligible amount of rainfall. This is because they

- A. do not receive moisture-bearing wind from the oceans
- B. are the most rocky and barren areas of the Earth
- C. are located on the tropical high pressure belt of the atmosphere
- D. are not on the path of the monsoons

**Answer: A**

 [View Text Solution](#)

**107.** The latitude is the angular distance of a point of the Earth surface, North or South, of the equator as measured from the

- A. centre of the Earth
- B. equator
- C. Tropic of Cancer or Capricorn

D. Poles

**Answer: B**



[View Text Solution](#)

**108.** Sirocco is a name used to mean

A. a local wind

B. a volcano

C. an island

D. an ocean current

**Answer: A**



[View Text Solution](#)



**109.** Which of the following is/are the chief characteristics of commercial grain farming of the middle latitude grasslands?

1.The size of farms are generally large.

2 Cultivation is highly mechanized.

3.It is a type of extensive farming.

Select the correct answer using the code given below:

A. 1 and 2 only

B. 2 only

C. 1,2 and 3

D. 1 and 3 only

**Answer: C**



**View Text Solution**

**110.** Match list I with list II and select the correct answer using the code given below the lists :

*List I*  
*(Desert)*

- A. Kalahari
- B. Namib
- C. Nubian
- D. Atacama

*List II*  
*(Country)*

- 1. Angola
- 2. Sudan
- 3. Botswana
- 4. Chile

A. A-4 , B-2 , C-1 , D-3

B. A-3 , B-2 , C-1 , D-4

C. A-4 , B-1 , C-2 , D-3

D. A-3 , B-1 , C-2 , D-4

**Answer: D**



**View Text Solution**

**111.** Which one among the following statements relating to an anticyclone is correct?

- A. Anticyclone is a wind system with a high pressure centre
- B. In anticyclone the movement of wind is inward
- C. The contribution of an anticyclone towards determining weather of an area is quite significant
- D. The movement of wind is clockwise in an anticyclone of southern hemisphere

**Answer: D**



**View Text Solution**

**112.** The current produced by upwelling of cold water off the coast of Chile and Peru is known as

- A. El Nino
- B. Humboldt current
- C. Agulhas current
- D. Canary current

**Answer: A**



**View Text Solution**

**113.** Rain shadow effect is associated with

- A. Cyclonic rainfall
- B. Orographic rainfall
- C. Convectonal rainfall
- D. Frontal rainfall

**Answer: C**



**114.** Match list I with list II and select the correct answer using the code given below the lists :

**List I**

**(Current)**

- A. Kuroshio current
- B. Peru current
- C. Labrador current
- D. Florida current

**List II**

**(Feature)**

- 1. Warm current in Atlantic Ocean
- 2. Cold current in the Atlantic Ocean
- 3. Warm current in the Pacific Ocean
- 4. Cold current in the Pacific Ocean

A. A-3 , B-4 , C-2 , D-1

B. A-3 , B-2 , C-4 , D-1

C. A-1 , B-4 , C-2 , D-3

D. A-1 , B-2 , C-4 , D-3

**Answer: A**





[View Text Solution](#)

**115.** The intensity of insolation depends on

- A. Altitude
- B. Nature of terrain
- C. Wind
- D. Latitude

**Answer: D**



[View Text Solution](#)

**116.** Which of the following statements is/are correct?

1. Cyclone is a low pressure system.
- 2 The wind movement is clockwise in the cyclone of northern

hemisphere.

Select the correct answer using the code given below

A. 1 only

B. 2 only

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: A**



[View Text Solution](#)

**117.** Which of the following statements is/are correct?

1. The major constituent mineral of granite rock is quartz
2. The major constituent mineral of sandstone rock is feldspar
3. The major constituent mineral of limestone rock is dolomite

Select the correct answer using the code given below:

A. 1,2 and 3

B. 3 only

C. 1 and 2 only

D. 2 and 3 only

**Answer: C**



**View Text Solution**

**118.** Which one among the following is a primary rock?

A. Sedimentary

B. Igneous

C. Metamorphic

D. None of the above

**Answer: B**





[View Text Solution](#)

**119.** Which one among the following is the largest temperate desert of the world?

- A. Patagonian desert
- B. Taklamakan desert
- C. Iranian desert
- D. Turkmen desert

**Answer: A**



[View Text Solution](#)

**120.** Doldrums is a

- A. Tropical wind belt

B. Tropical wind deflection belt

C. Sub-tropical wind belt

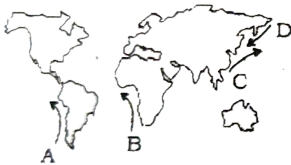
D. Tropical no-wind belt

**Answer: D**

 [View Text Solution](#)

**121.** Match List-I with List-II and select the correct answer using the code given below the Lists:

**List-I**  
(Map showing ocean current)



**List-II**  
(Name of ocean current)

1. Kuroshio
2. Humboldt
3. Benguela
4. Oyashio

**Code :**

- (a) A B C D  
2 1 3 4
- (c) A B C D  
4 1 3 2

- (b) A B C D  
4 3 1 2
- (d) A B C D  
2 3 1 4

- A.  $\begin{matrix} A & B & C & D \\ 2 & 1 & 3 & 4 \end{matrix}$
- B.  $\begin{matrix} A & B & C & D \\ 4 & 3 & 1 & 2 \end{matrix}$
- C.  $\begin{matrix} A & B & C & D \\ 4 & 1 & 3 & 2 \end{matrix}$
- D.  $\begin{matrix} A & B & C & D \\ 2 & 3 & 1 & 4 \end{matrix}$

**Answer: D**



[View Text Solution](#)

**122.** The equatorial rain forest is also known as

- A. Savanna
- B. Campos
- C. Selva
- D. Lanose

**Answer: C**



**123.** The Earth's surface receives maximum energy at 12 noon but the maximum temperature ever occurs at 12 noon. State which of the following reasons are correct

1. Transformation of solar energy into heat requires some time
2. The loss of energy through long-wave radiations from the Earth's surface exceeds the energy received from the Sun at 4:00 p.m
3. Energy received by the Earth from solar radiations continues to exceed the energy lost by outgoing long wave radiations from the Earth's surface up to 4:00 p.m

Select the correct answer using the code given below Code

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1,2 and 3

**Answer: C**



**View Text Solution**

**124.** Which one among the following agricultural crops/groups of crops may be grown in abundant in lowlands and river deltas of fertile alluvial soil where there is high summer temperature and rainfall varies from 180 cm to 250 cm?

- A. Wheat and sugarcane
- B. Cotton
- C. Maize and coarse crops
- D. Rice, jute and tea

**Answer: D**



**View Text Solution**

**125.** Arrange the following tropical forest groups in the correct order of sequence based on area covered in India beginning from the largest covered area:

1. Moist deciduous
- 2 Dry deciduous
- 3 Wet evergreen
- 4.Semi-evergreen

Select the correct answer using the code given below: Code:

- A. 1-2-3-4
- B. 3-4-2-1
- C. 1-3-2-4
- D. 4-3-2-1

**Answer: A**



**View Text Solution**

**126.** In which one among the following areas of South-East Asia, there is largest concentration of peasant population?

- A. Areas of intensive shifting cultivation
- B. Highland areas where the climate is cooler and healthier
- C. Cleared lowlands in forest areas
- D. Areas where the grain farming is practised

**Answer: D**



[View Text Solution](#)

**127.** The largest number of temperate cyclones originate mostly over the

- A. Indian Ocean
- B. North Atlantic Ocean

C. North Pacific Ocean

D. Arctic Ocean

**Answer: C**



**View Text Solution**

**128.** Which one among the following statements is not correct?

- A. More than 50% of world's animal species are found in tropical rain forest
- B. One-third of land surface is arid or semi-arid
- C. Floating plants (phytoplankton) in the ocean produce over half the world's oxygen
- D. World's important deserts are located across the equator

**Answer: D**





[View Text Solution](#)

**129.** Which one among the following statements regarding Chinook winds is not correct?

- A. They Rise from the Pacific Ocean
- B. After crossing the Rockies, they descend to the east of the mountains
- C. They bring rainfall in the Prairies
- D. These winds are beneficial to wheat cultivation

**Answer: C**



[View Text Solution](#)

**130.** The cyclonic storm occurring over Caribbean Sea is known

- A. Typhoon
- B. Willy Willy
- C. Hurricane
- D. Cyclone

**Answer: C**



**View Text Solution**

**131.** Where do you find the Isle of Youth?

- A. Near Cuba
- B. Near Bahamas
- C. Near Jamaica
- D. Near Saint Lucia

**Answer: A**



[View Text Solution](#)

**132.** The Suez Canal, the Strait of Hormuz and the Strait of Gibraltar are important because they

- A. prevent attacks on bordering nations
- B. prohibit the movement of ships carrying nuclear weapons
- C. unite Russian access to warm water points
- D. control access to vital trade routes

**Answer: D**



[View Text Solution](#)

**133.** Which one among the following rocks does not belong to the same group?

- A. Shale
- B. Limestone
- C. Slate
- D. Sandstone

**Answer: C**



[View Text Solution](#)

**134.** Wide range and variability in rainfall, torrential in character reversal of winds and uncertain arrival are the characteristics of

- A. Westerlies
- B. Trade winds
- C. Monsoon
- D. Anti trade winds

**Answer: C**



**View Text Solution**

**135.** Mackerel sky is associated with cloud type

- A. Cumulo-nimbus
- B. Strato-cumulus
- C. Alto-cumulus
- D. Cirro-cumulus

**Answer: D**



**View Text Solution**

**136.** The average surface temperature of the earth's surface is

A.  $10^{\circ}C$

B.  $15^{\circ}C$

C.  $8^{\circ}C$

D.  $5^{\circ}C$

**Answer: B**



**View Text Solution**

**137.** Ferrel's Law is related to deflection of

A. cold air-mass

B. hot air-mass

C. monsoon air-mass

D. trade wind and ocean currents

**Answer: D**



[View Text Solution](#)

**138.** The grassland region of South Africa is known as

- A. Selvas
- B. Downs
- C. Veldt
- D. Llanos

**Answer: C**



[View Text Solution](#)

**139.** Match List-I with List-II and select the correct answer using the code given below the Lists

- A.
- | <i>A</i> | <i>B</i> | <i>C</i> | <i>D</i> |
|----------|----------|----------|----------|
| 1        | 4        | 2        | 3        |

- B.  $\begin{matrix} A & B & C & D \\ 1 & 2 & 4 & 3 \end{matrix}$
- C.  $\begin{matrix} A & B & C & D \\ 3 & 2 & 4 & 1 \end{matrix}$
- D.  $\begin{matrix} A & B & C & D \\ 3 & 4 & 2 & 1 \end{matrix}$

**Answer: C**



[View Text Solution](#)

**140.** Which of the following statements is/are true?

1. The angle of the axis in relation to the plane in which the earth revolves around the sun is not constant
- 2 The amount of energy given off by the sun changes with the transparency of the atmosphere.

Select the correct answer using the code given below

- A. 1 only
- B. 2 only



C. Both 1 and 2

D. Neither 1 nor 2

**Answer: A**



[View Text Solution](#)

**141.** Which of the following statements regarding hurricanes is are correct?

- 1.They develop over the ocean between  $8^{\circ} - 15^{\circ}$  N
- 2.They are almost absent in the South Atlantic Ocean.
3. They do not develop close to the equator.

Select the correct answer using the code given below

A. 1 only

B. 2 and 3 only

C. 1 and 3 only

D. 1,2 and 3

**Answer: A**



[View Text Solution](#)

**142.** Radioactive decay provides an internal source of heat for the earth. This helps in the formation of which type of rocks?

A. Igneous

B. Sedimentary

C. Metamorphic

D. All of the above

**Answer: A**



[View Text Solution](#)

**143.** When the winds blow from all sides to the central low in an anticlockwise direction, then this phenomenon is known as

- A. anti-tropical cyclones of southern hemisphere
- B. temperate cyclones of northern hemisphere
- C. tropical cyclones of northern hemisphere
- D. tropical cyclones of southern hemisphere

**Answer: D**



[View Text Solution](#)

**144.** Which of the following statements relating to tsunami is are correct?

As the tsunamis leave the deep water of the open sea and travel towards shallow water

1.the speed considerably

2 they attain enormous height is reduced

3 they appear as a gentle rise and fall of the sea

Select the correct answer using the code given below

A. 1 and 2 only

B. 2 and 3 only

C. 1 only

D. 1,2 and 3

**Answer: B**



[View Text Solution](#)

**145.** The President of India is elected by proportional representative system by a single transferable vote. This implies that

- A. elected MPs and MLAs of States have different number of votes
- B. all MPs and MLAs of States have one vote each
- C. all MPs and MLAs of States have equal number of votes
- D. MPs of the Lok Sabha have equal number of votes

**Answer: B**

 [View Text Solution](#)

**146.** Assertion (A): The Steppe climate is most widespread in North America and Eurasia

Reason (R): The Steppe climate is characterized by wet summers as well as wet winters

- A. Both Assertion and Reason are individually true and Reason is the correct explanation of Assertion

- B. Both Assertion and Reason are individually true and Reason is NOT the correct explanation of Assertion
- C. Assertion is true but Reason is false
- D. Assertion is false but Reason is true

**Answer: C**



[View Text Solution](#)

**147.** Assertion (A): Major natural regions of the world possess similar topography

Reason (R) : Climate is a major influencing factor in a natural region

- A. Both Assertion and Reason are individually true and Reason is the correct explanation of Assertion

- B. Both Assertion and Reason are individually true and Reason is NOT the correct explanation of Assertion
- C. Assertion is true but Reason is false
- D. Assertion is false but Reason is true

**Answer: D**



[View Text Solution](#)

**148.** Assertion (A): The tidal effect of Moon on the surface of Earth is less than that of Sun

Reason (R): Moon's gravitational pull at Earth's surface is less compared to Sun's gravitational pull.

- A. Both Assertion and Reason are individually true and Reason is the correct explanation of Assertion

- B. Both Assertion and Reason are individually true and Reason is NOT the correct explanation of Assertion
- C. Assertion is true but Reason is false
- D. Assertion is false but Reason is true

**Answer: D**



[View Text Solution](#)

**149.** Statement I: During the day, winds blow from sea to land

Statement II: The land gets more heated than the surrounding sea, hence lower pressure develops over land as compared to sea

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I



- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



**View Text Solution**

**150.** Statement I: Winds are deflected to their right in the northern hemisphere and to their left in the southern hemisphere

Statement II: The Earth's axis is inclined

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: B**



[View Text Solution](#)

**151.** Statement I: Pressure gradients determine the velocity of winds  
Statement II: When isobars (lines of equal atmospheric pressure) are closely spaced, the wind velocity would be gentle

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



[View Text Solution](#)

**152.** Statement I: Temperatures of countries like United Kingdom, Norway, the Netherlands and Denmark are higher as compared to places located on similar latitudes during the winter

Statement II: United Kingdom, Norway, the Netherlands and Denmark are located on the coast.

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



**View Text Solution**

**153.** Statement I: Oxidation in our body cells releases dangerous free radicals

Statement II : Our body itself produces antioxidants to neutralise harmful free radicals

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: B**



[View Text Solution](#)

**154.** Statement I: The Mediterranean climate is highly suitable for fruit production

Statement II : Cool and moist winters in Mediterranean regions enable ample production of fruits.

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: C**



[View Text Solution](#)

**155.** Statement I: In the northern hemisphere, the ocean currents flowing from equator towards the north pole and from pole towards the equator are deflected to their right.

Statement II: This happens due to rotation of the Earth on the axis from west to east

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



[View Text Solution](#)

**156.** Statement I: There is a large-scale fluctuation of oil flow from oil wells prior to earthquakes.

Statement II : Tectonic stress accumulates to a certain level, the pore pressure within a deep oil bearing strata reaches its breaking strength causing oil to sprout along the oil wells.

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



[View Text Solution](#)

**157.** Statement I: Doldrums is a calm belt between  $5^{\circ} N$  and  $5^{\circ} S$  of the equator .

Statement II : The sun rays strike almost vertically over the equator throughout the year

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I



- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: B**



[View Text Solution](#)

**158.** Which of the following are the results of El Nino?

1. Reduction in the amount of planktons which further reduces the number of fish in the sea
- 2 Irregularities in the evaporation of sea water.
3. Distortion of equatorial atmospheric circulation.

Select the correct answer using the code given below

- A. 1 and 2 only

B. 2 and 3 only

C. 1 and 3 only

D. 1,2 and 3

**Answer: C**



**View Text Solution**

**159.** Esker' is a geomorphic feature developed by

A. mechanical weathering

B. river action

C. glaciofluvial deposits

D. aeolian deposits

**Answer: C**



**View Text Solution**

**160.** It is known that the atmosphere is divided into some layers. In which one among the following layers, is the percentage composition of Helium gas maximum?

- A. Troposphere
- B. Stratosphere
- C. Exosphere
- D. Ionosphere

**Answer: C**



**View Text Solution**

**161.** The rigid lithospheric slabs are known as Plates. What would be the result if the oceanic plate collides with the continental plate ?

- 1.Oceanic plate is forced below the continental plate
- 2.Continental plate is forced below the oceanic plate.
- 3.Continental and oceanic plates never collide

Select the correct answer using the code given below

- A. 1 only
- B. 2 only
- C. 1 and 2 only
- D. 1,2 and 3

**Answer: A**



[View Text Solution](#)

**162.** Consider the following layers of the atmosphere:

1. Troposphere
- 2.Stratosphere

3 Mesosphere

4. Thermosphere

Which one among the following is the correct sequence of the layers with increasing altitude from the Earth's surface?

A. 1-2-3-4

B. 2-1-3-4

C. 3-2-1-4

D. 4-2-3-1

**Answer: B**



[View Text Solution](#)

**163.** What would be the date and local time of a place located at  $88^{\circ} 30' E$  longitude when the local time at  $0^{\circ}$  longitude is 19.00 hrs. of 28th February 2013?

A. 23-54 hrs. of 28th February

B. 00-54 hrs, of 1 March

C. 23-30 hrs. of 28th February

D. 00-44 hrs. of 1 March

**Answer: B**



[View Text Solution](#)

**164.** Which of the following statements about tornadoes are correct?

Tornadoes usually spin

1. anticlockwise in the northern hemisphere

2. clockwise in the southern hemisphere

3 clockwise in the northern hemisphere.

4 anticlockwise in the southern hemisphere.

Select the correct answer using the code given below

A. 1 and 3

B. 1 and 2

C. 2 and 4

D. 2 and 3

**Answer: B**



[View Text Solution](#)

**165.** Which one among the following terms is used to describe a plant that grows only in a mountainous environment?

A. Orophyte

B. Geophyte

C. Epiphyte

D. Bryophyte

**Answer: A**



[View Text Solution](#)

**166.** Which of the following statements is/are correct?

1. Air close to the Earth's surface is heavier.

2. Air close to the Earth's surface contains larger quantity of water vapour and dust particles

Select the correct answer using the code given below

A. 1 only

B. 2 only

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: C**



[View Text Solution](#)



**167.** The term 'albedo' implies the

- A. capacity to absorb solar radiation.
- B. capacity to modify the path of solar radiation
- C. proportion of the shortwave solar radiation reflected by a surface
- D. amount of solar radiation returned to air by a surface.

**Answer: C**



[View Text Solution](#)

**168.** Which of the following is the main characteristic of Mediterranean climate?

- A. High temperature throughout the year

B. Rainfall throughout the year

C. Rain in winter season

D. Convectional rain

**Answer: C**



**View Text Solution**

**169.** Which one among the following atmospheric gases, filters out most of the ultraviolet radiation of the Sun?

A. Oxygen

B. Nitrogen

C. Helium

D. Ozone

**Answer: D**



[View Text Solution](#)

**170.** Which one among the following is not a factor that affects direction of wind?

- A. Pressure gradient
- B. Friction
- C. Magnetism
- D. Coriolis effect

**Answer: C**



[View Text Solution](#)

**171.** Statement I: Minerals are formed by slow cooling of the magma  
Statement II: Very small crystals are formed when lava cools quickly

on the surface

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I
- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: B**

 [View Text Solution](#)

**172.** Statement I: The hills with dense vegetation cover do not experience heavy soil erosion.

Statement II: The vegetation cover helps infiltration of rainwater and binding of soils

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I
- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



[View Text Solution](#)

**173.** Statement I: The decrease of air temperature with increasing gradient altitudes in the atmosphere is called the vertical temperature

Statement II: In Troposphere, air temperature decreases with increasing altitude due to radiation from the Earth

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I
- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



[View Text Solution](#)

**174.** Statement I: Chemical weathering processes are found more active in hot and humid environment.

Statement II: High temperature and rainfall help in the process of decomposition of rocks

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I
- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: B**



[View Text Solution](#)

**175.** The summer and winter seasons in a year are caused by

- A. aphelion (farthest) and perihelion (nearest) positions of the Earth from the Sun during the annual revolution
- B. rotation of the Earth on its axis

C. variation in solar insolation

D. revolution of the Earth on its inclined axis

**Answer: D**



**View Text Solution**

**176.** Consider the following surface winds:

1. Doldrums

2. Trade winds

3. Westerlies

4. Polar winds

Which one among the following is the idealized global pattern of these winds from the Equator to the Pole?

A. 1-2-3-4

B. 1-3-2-4



C. 2-1-4-3

D. 3-1-2-4

**Answer: A**



**View Text Solution**

**177.** Taungup Pass is a mountain corridor connecting India with

A. Afghanistan

B. China

C. Pakistan

D. Myanmar

**Answer: D**



**View Text Solution**

**178.** Consider the following statements

1. Crystallization is a form of mechanical weathering.
- 2 Hydration causes granular disintegration
3. Frost action is synonymous with freeze-thaw action

Which of the statements given above are correct?

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1,2 and 3

**Answer: D**



[View Text Solution](#)

**179.** Lapland is a cultural region largely within the Arctic Circle in the north of the Scandinavian Peninsula Who inhabited the Lapland?

- A. Sami people
- B. Padaung people
- C. Hamar people
- D. Himba people

**Answer: A**



[View Text Solution](#)

**180.** What is the correct sequence from the smallest to the largest grain of the following types of clastic rocks?

- A. Shale, sandstone, conglomerate, siltstone
- B. Shale, siltstone, sandstone, conglomerate
- C. Conglomerate, sandstone, shale, siltstone
- D. Sandstone, siltstone, conglomerate, shale

**Answer: B**



[View Text Solution](#)

**181.** The Faroe is a group of islands lying in the Atlantic Ocean between Scotland and Iceland. This island group is also known as

- A. Island of Sheep
- B. Island of Goats
- C. Island of Cows
- D. Island of Buffaloes

**Answer: A**



[View Text Solution](#)

**182.** Tuareg is a pastoral nomad living in the desert of

A. Kalahari

B. Sahara

C. Arabia

D. Patagonia

**Answer: B**



**View Text Solution**

**183.** Match List-I and List-II and select the correct answer using the code given below the Lists

**List - I**  
**(Region)**

- A. Selvas
- B. Savanna
- C. Tundra
- D. Monsoon land

**List - II**  
**(Characteristic vegetation)**

- 1. Tropophytes
- 2. Mosses and lichens
- 3. Epiphytes
- 4. Grasses and trees

A.  $\begin{matrix} A & B & C & D \\ 3 & 2 & 4 & 1 \end{matrix}$

B.  $\begin{matrix} A & B & C & D \\ 1 & 4 & 2 & 3 \end{matrix}$

- C. 

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
	1	2	4	3
- D. 

	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
	3	4	2	1

**Answer: B**



[View Text Solution](#)

**184.** Why is hydrolysis an effective form of chemical decomposition of bedrock in humid tropics?

1. Humid tropics experience high temperature and humidity
2. There is high diurnal range in temperature.

Select the correct answer using the code given below

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

**Answer: C**



[View Text Solution](#)

**185.** Statement I : Grand Banks are one of the major fishing grounds of the world due to the presence of a vast continental shelf.

Statement II: Planktons grow in the shallow waters

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I
- B. Both the statements 'are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: B**



[View Text Solution](#)

**186.** Which of the following statements is/are correct?

1 The tropical cyclones of China Sea are called typhoon's

The tropical cyclones of the West Indies are called tornadoes

3.The tropical cyclones of Australia are called willy willies

4.Formation of an anticyclone results in stormy weather condition.

Select the correct answer using the code given below

A. 1,2,3 and 4

B. 1,2 and 4 only

C. 1 and 3 only

D. 3 only

**Answer: C**





**187.** Rotterdam of Netherlands is largely famous for

- A. textiles
- B. dairying
- C. shipbuilding
- D. paper industry

**Answer: C**



**View Text Solution**

**188.** If a news is broadcast from London at 1:45 p.m. on Monday, at what time and on what day it will be heard at Dhaka ( $90^\circ C$ ) ?

- A. 7:45 pm on Monday
- B. 7:45 a.m. on Monday
- C. 7:45pm. on Tuesday

Answer: A



[View Text Solution](#)

**189.** Match List-I and List-II and select the correct answer using the code given below the Lists

**List-I**

(Geographical feature)

- A. Cirque
- B. Yardang
- C. Barkhan
- D. Drumlin

Code:

- (a) 

A	B	C	D
4	1	3	2
- (c) 

A	B	C	D
2	3	1	4

**List-II**

(Type of geographic process)

- 1. Erosional feature of wind
- 2. Depositional feature of glacier
- 3. Depositional feature of wind
- 4. Erosional feature of glacier

- (b) 

A	B	C	D
4	1	3	2
- (d) 

A	B	C	D
2	1	3	4

- A. 

A	B	C	D
4	1	3	2
- B. 

A	B	C	D
4	1	3	2
- C. 

A	B	C	D
2	3	1	4

D.  $\begin{matrix} A & B & C & D \\ 2 & 1 & 3 & 4 \end{matrix}$

**Answer: B**



[View Text Solution](#)

**190.** A topographical map with scale 1:50000 indicates 1 cm to

A. 50km

B. 500m

C. 50m

D. 5km

**Answer: B**



[View Text Solution](#)

**191.** Quartzite is metamorphosed from

- A. limestone
- B. plutonic rock
- C. sandstone
- D. shale

**Answer: C**



**View Text Solution**

**192.** The permanent wind that blows from the horse latitude to the equatorial region is known as

- A. Westerly
- B. trade wind

C. doldrum

D. easterly

**Answer: B**



[View Text Solution](#)

**193.** Which one of the following is a warm ocean current?

A. Labrador current

B. Kuroshio current

C. Peru current

D. Benguela current

**Answer: B**



[View Text Solution](#)

**194.** In the term GIS, 'G' stands for

- A. Global
- B. Geographical
- C. Goodness
- D. Geological

**Answer: B**



**View Text Solution**

**195.** Movements of tides are mostly determined by

- A. albedo effect
- B. wind velocity
- C. rotation of the Earth

D. revolution of the Earth

**Answer: C**



**View Text Solution**

**196.** Which of the following sequences is correct for rainfall?

- A. Slow ascent of air slow condensation - heavy downpour
- B. Rapid ascent of air large raindrops heavy downpour
- C. Pressure decreased air compressed heavy downpour
- D. Descent of air air warmed-heavy downpour

**Answer: C**



**View Text Solution**

**197.** What would be the total population at the end of the year if population at the beginning of the year is 5000 and population changed during the year is-birth 250, death 60, immigration 30 and emigrant 15?

A. 5205

B. 5235

C. 5310

D. 5180

**Answer: A**



[View Text Solution](#)

**198.** To a perpendicular to the plane of ecliptic, Earth's axis of rotation makes an angle of  $23\frac{1}{2}$  degrees. Had this angle been zero degree, which one among the following would result?



- A. There would have been no season
- B. The length of day and night would have been the same throughout the year
- C. The length of the day and night would have been the same all over the earth
- D. All of the above

**Answer: A**



**View Text Solution**

**199.** Yakuts are the nomadic herders of

- A. Gob
- B. Sahara
- C. Tundra

D. Kalahari

**Answer: C**



**View Text Solution**

**200.** A farmer in a semi-arid area claims that his farming practice is very environment friendly. Which of the following practices on his farm can justify his claim?

1 Planting a tree belt.

2 Practising crop rotation.

3 Carrying out a large scale irrigation system

4 Using organic fertilizers

Select the correct answer using the code given below:

A. 3 and 4 only

B. 1,2 and 4

C. 1,3 and 4

D. 1 and 2 only

**Answer: B**



**View Text Solution**

**201.** The luxuriant growth of natural vegetation in tropical rainforest is due to

1 fertile soil

2 hot and wet climate throughout the year

3 intense sunlight for photosynthesis

4 seasonal change to facilitate nutrient absorption

Select the correct answer using the code given below

A. 1 and 4 only

B. 2 and 3 only

C. 1,2 and 3 only

D. 1,2,3 and 4

**Answer: B**



[View Text Solution](#)

**202.** When the sun is  $30^\circ$  above the horizon, shadow of one tree is 17.3 m long What is the height of this tree ?

A. 20 m

B. 17.30 m

C. 10 m

D. 1.73 m

**Answer: C**



[View Text Solution](#)

**203.** Match List-I and List-II and select the correct answer using the code given below the Lists

- List I**  
**(Region)**
- A. Selvas
  - B. Savannas
  - C. Taiga
  - D. Tundra

- List II**  
**(Vegetation)**
- 1. Conifers
  - 2. Mosses and Lichens
  - 3. Epiphytes
  - 4. Grasses and trees

A. *A B C D*  
4 1 2 3

B. *A B C D*  
3 2 1 4

C. *A B C D*  
3 4 1 2

D. *A B C D*  
4 2 1 3

**Answer: C**



**View Text Solution**

**204.** Which one of the following weather conditions indicates a sudden fall in barometer reading ?

- A. Stormy weather
- B. Calm weather
- C. Cold and dry weather
- D. Hot and sunny weather

**Answer: A**



[View Text Solution](#)

**205.** Match List-I and List-II and select the correct answer using the code given below the Lists

**List I****(Island)**

- A. Continental island
- B. Coral island
- C. Volcanic island
- D. Mountain island

**List II****(Location)**

- 1. Mauritius
- 2. Madagascar
- 3. Andaman and Nicobar islands
- 4. Maldives

A.  $\begin{matrix} A & B & C & D \\ 2 & 4 & 1 & 3 \end{matrix}$

B.  $\begin{matrix} A & B & C & D \\ 2 & 1 & 4 & 3 \end{matrix}$

C.  $\begin{matrix} A & B & C & D \\ 3 & 1 & 4 & 2 \end{matrix}$

D.  $\begin{matrix} A & B & C & D \\ 3 & 4 & 1 & 2 \end{matrix}$

**Answer: A**



**View Text Solution**

**206.** Match List-I and List-II and select the correct answer using the code given below the Lists

**List I**  
**(Cloud)**

- A. Cirrus
- B. Stratus
- C. Nimbus
- D. Cumulus

**List II**  
**(Characteristic)**

- 1. Rain giving
- 2. Feathery appearance
- 3. Vertically growing
- 4. Horizontally spreading

A. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
3	1	4	2

B. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
3	4	1	2

C. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
2	4	1	3

D. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
2	1	4	3

**Answer: C**

 [View Text Solution](#)

**207.** The concept of demographic transition provides a model for

- A. analyzing government responses to changing pattern of population growth



- B. explaining major patterns of global population movement throughout the history
- C. analyzing spatial variations in the distribution, growth and movement of population over time
- D. examining the relationship between economic development and natural population change

**Answer: C**



[View Text Solution](#)

**208.** The radius of the Moon is about one-fourth that of the Earth and acceleration due to gravity on the Moon is about one-sixth that on the Earth. From this, we can conclude that the ratio of mass of Earth to the mass of the Moon is about

A. 10

B. 100

C. 1000

D. 10000

**Answer: B**



[View Text Solution](#)

**209.** Arrange the following inventions in the field of cotton Industry in chronological order (starting with the earliest):

1. James Hargreaves's Spinning Jenny

2. John Kay's Flying Shuttle

3. Samuel Crompton's Mule

4. Richard Arkwright's Water Frame

Select the correct answer using the code given below.

A. 1,3,4,2

B. 2,1,4,3

C. 4,1,3,2

D. 2,4,1,3

**Answer: B**



**View Text Solution**

**210.** Which one of the following combinations of stalactites and stalagmites occurrences is correct?

A. Stalactites hang as circles of different diameters and stalagmites hang from the floor of the caves

B. Stalactites hang as icicles of different diameters and stalagmites rise up from the floor of the caves

C. Stalactites rise up from the floor of the caves and stalagmites hang as icicles of different diameters

D. Stalactites hang as circles of different diameters and stalagmites also hang as icicles of different diameters

**Answer: B**



**View Text Solution**

**211.** Which one of the following is the correct sequence about various levels of organization of Biosphere?

A. Ecosystem-Biosphere-Community-Population

B. Population - Organism - Eco system - Biosphere

C. Organist - Community - Population - Biosphere

D. Organism - Population - Eco system - Biosphere

**Answer: D**

 [View Text Solution](#)

**212.** Which one of the following describes the Lithosphere?

- A. Upper and lower mantle
- B. Crust and upper mantle
- C. Crust and core
- D. Mantle and core

**Answer: B**

 [View Text Solution](#)

**213.** An up fold in rock is

A. graben

B. horse

C. anticline

D. syncline

**Answer: C**



[View Text Solution](#)

**214.** Which one of the following gases is found in highest quantity in Exosphere?

A. Hydrogen

B. Helium

C. Nitrogen

D. Oxygen

**Answer: A**



[View Text Solution](#)

**215.** Which one of the following pairs of properties of typical air masses is correct?

A.

Air Mass                      Source Region

Maritime Equatorial: Warm oceans in the equatorial zone

B.

Air Mass                      Source Region

Maritime Polar: Warm oceans in the tropical zone

C.

Air Mass                      Source Region

Continental Tropical: Less warm oceans in the tropical zone

D.

Air Mass                      Source Region

Continental Polar: Moist oceans in the polar zone

**Answer: A**



[View Text Solution](#)

**216.** Which one of the following statements is not correct?

- A. Application of lime makes the soil acidic
- B. High acidity in soil is typical of humid climate
- C. Increasing soil acidity results in declining soil fertility
- D. Arid climate is characterized by alkaline soil

**Answer: A**



[View Text Solution](#)

**217.** According to the Geo-scientists, the shape of the earth is:

1. round
- 2 spherical
- 3 close to that of a sphere



4 an oblate ellipsoid

Select the correct answer using the code given below:

A. 2,3 and 4

B. 1,2 and 3

C. 1 and 2 only

D. 3 and 4 only

**Answer: D**



[View Text Solution](#)

**218.** Statement I: There is high salinity in Red Sea

Statement II:Rate of evaporation is high in Red Sea

A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



[View Text Solution](#)

**219.** Statement : Volcanic eruption is accompanied by earthquakes

Statement II: Volcanoes erupt water vapours and dust particles in the atmosphere

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: B**



[View Text Solution](#)

**220.** Statement I: Plantation farming has mostly been practised in humid tropics.

Statement II: The soil of humid tropics is highly fertile

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I

- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**



[View Text Solution](#)

**221.** During solar eclipse

- A. the earth comes in between the sun and the moon
- B. the moon comes in between the sun and the earth.
- C. the moon comes exactly halfway between the earth and the sun
- D. the sun comes in between the earth and the moon

**Answer: B**



**View Text Solution**

**222.** Which of the following statements in the context of northern hemisphere is/are correct?

1. Vernal equinox occurs on March 21
2. Summer solstice occurs on December 22
3. Autumnal equinox occurs on September 23.
4. Winter solstice occurs on June 21

Select the correct answer using the code given below

- A. 1 only
- B. 1 and 3 only
- C. 2 and 4 only
- D. 1, 2 and 3 only

**Answer: B**

 [View Text Solution](#)

**223.** Spruce and Cedar are tree varieties of

- A. Equatorial forest
- B. Temperate coniferous forest
- C. Monsoon forest
- D. Temperate deciduous forest

**Answer: B**

 [View Text Solution](#)

**224.** Sal Tree is a

- A. Tropical evergreen tree
- B. Tropical semi-evergreen tree
- C. Dry deciduous tree
- D. Moist deciduous tree

**Answer: D**



**View Text Solution**

**225.** Statement I: Ozone is a triatomic molecule of oxygen

Statement II : Ozone is concentrated mainly in stratosphere

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I
- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I

C. Statement I is true but Statement II is false

D. Statement I is false but Statement II is true

**Answer: B**



[View Text Solution](#)

**226.** Sahel' region of Sahara desert is associated with

A. core area of Sahara desert

B. southern moving edge of Sahara desert

C. northern fringe of Sahara desert bordering Mediterranean sea

D. another name of Sahara desert

**Answer: A**



[View Text Solution](#)



227. In which one of the following countries, the Mediterranean type of Biome is found?

- A. Chile
- B. Kenya
- C. Argentina
- D. Bolivia

**Answer: A**

 [View Text Solution](#)

228. With reference to biodiversity, which of the following statements is/are correct?

1. Species richness and high degree of endemism are important

criteria for identifying biodiversity hotspots.

2 Species diversity is highest in the tropics and decreases down the poles  
3 Biodiversity conservation may be in situ as well as exsitu

Select the correct answer using the code given below

A. 1 only

B. 2 and 3 only

C. 1,2 and 3

D. 1 and 3 only

**Answer: D**



[View Text Solution](#)

**229.** Which of the following statements concerning Mediterranean climatic region are correct ?

1.It is found in the latitude range  $30^{\circ}$  to  $45^{\circ}$  northern and southern

hemisphere

2. Mediterranean climate experiences extreme temperature conditions

3 In Mediterranean climate, rainfall occurs mainly during summer season

4. Mediterranean climate, rainfall is mainly due to westerlies

Select the correct answer using the code given below

A. 1 , 2 and 4

B. 1 and 4 only

C. 1,2 and 3

D. 3 and 4

**Answer: A**



**View Text Solution**

**230.** Which one of the following is the correct descending order of countries in terms of per capita availability of arable land?

- A. India-China - Brazil
- B. China - Brazil - India
- C. Brazil -China-India
- D. Brazil - India - China

**Answer: D**



[View Text Solution](#)

**231.** Which of the following statements concerning temperature is/are correct?

1. In winter season isotherms in Northern Hemisphere are more or less circular on continents.
- 2 Isotherms are parallel to latitude in Southern Hemisphere in

oceans

3 Minimum temperature during winter is recorded in Northern Canada

Select the correct answer using the code given below:

A. 1 and 2 only

B. 1 and 3 only

C. 1,2 and 3

D. 2 only

**Answer: C**



**View Text Solution**

**232.** Which of the following statement(s) concerning natural regions of the world is /are correct ?

1. Equatorial climate regions have less urbanization

2.Mediterranean climatic region have high level of urbanization

3 Equatorial climatic regions have high concentration of human population

4 Mediterranean climate regions practice plantation farming

select the correct answer using the code given below:

A. 1 and 2 only

B. 1,2 and 3

C. 2 and 4

D. 1 only

**Answer: C**

 [View Text Solution](#)

**233.** Consider the following statements pertaining to Coffee plantation in India

1. Need warm and moist climate with a spell of dry weather during the ripening period
2. Rolling fields having good drainage
- 3 Strong sunshine over hilly slopes exceeding temperature  $35^{\circ}C$
- 4 Karnataka is the leading producer in India

Which of the statements given above are correct?

- A. 1 and 4 only
- B. 1,2 and 3
- C. 3 and 4
- D. 1,2 and 4

**Answer: D**

 [View Text Solution](#)

**234.** Mariana Trench is located in the ocean floor of

A. Southern Atlantic Ocean

B. Western Pacific Ocean

C. Eastern Pacific Ocean

D. Northern Atlantic Ocean

**Answer: B**



**View Text Solution**

**235.** Taklamakan Desert is situated in

A. Western Asia

B. Southern fringe of Sahara in Africa

C. South America

D. Central Asia

**Answer: D**





[View Text Solution](#)

**236.** Golden rice is a genetically-modified crop plant where the incorporated gene is meant for biosynthesis of

- A. Omega-3 fatty acids
- B. Vitamin A
- C. Vitamin B
- D. Vitamin C

**Answer: B**



[View Text Solution](#)

**237.** The shortest day length that occurs in the Northern hemisphere is on

A. 21<sup>st</sup> March

B. 23<sup>rd</sup> September

C. 22<sup>nd</sup> November

D. 22<sup>nd</sup> December

**Answer: D**



**View Text Solution**

**238.** Which of the following statements about magnetite ore of iron is are correct?

1.It is known as black ore

2.It contains 60% to 70% of pure iron

3 It possesses magnetic properties

Select the correct answer using the codes given below

A. 1 only

B. 2 and 3 only

C. 1 and 3 only

D. 1,2 and 3

**Answer: D**



[View Text Solution](#)

**239.** Light year is a measure of

A. time

B. distance

C. total amount of light falling on the Earth in a year

D. average intensity of light falling on the Earth in a year

**Answer: B**



[View Text Solution](#)

240. Which one of the following statements about a satellite orbiting around the Earth is correct?

- A. Satellite is kept in orbit by remote control from ground station
- B. Satellite is kept in orbit by retro-rocket and solar energy keeps it moving around the Earth
- C. Satellite requires energy from solar panels and solid fuels for orbiting
- D. Satellite does not require any energy for orbiting.

**Answer: C**



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**241.** Which one of the following gases is placed second in respect of abundance in the Earth's atmosphere?

A. Oxygen

B. Hydrogen

C. Nitrogen

D. Carbon dioxide

**Answer: A**



**View Text Solution**

**242.** Which one of the following is not an igneous rock?

A. Gabbro

B. Granite

C. Dolomite

D. Basalt

**Answer: C**



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**243.** The Coriolis effect is the result of

A. Pressure gradient

B. Earth's axis of inclination

C. Earth's rotation

D. Earth's revolution

**Answer: C**



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**244.** Where is Mekong Delta located?

- A. Thailand
- B. Cambodia
- C. Myanmar
- D. Vietnam

**Answer: D**



**View Text Solution**

**245.** Consider the following characteristics of a tropical cyclone:

1. A warm sea temperature of  $> 26^{\circ} \text{C}$
2. High Relative humidity of atmosphere at a height of  $> 700\text{m}$
3. Atmospheric instability

The above mentioned characteristics are associated with which one of the following cycles of its development?

- A. Formulation and initial stage
- B. Modification stage
- C. Full maturity
- D. Decay

**Answer: A**



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**246.** Consider the following statements about Roaring Forties:

- 1.They are strong Westerly winds found in the oceans of Southern Hemisphere.
- 2.The strong east to west air currents are caused by the combination of air being displaced from the Equator towards the



South Pole and the earth's rotation and abundance of landmasses to serve as wind breaks

Which of the statements given above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

**Answer: A**

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**247.** Consider the following statements

1.The doldrums is a low pressure area around Equator where the prevailing winds are calm

2.Chinook is a hot and dry wind that blows in winter and therefore

raises the temperature in a short time

Which of the statements given above is/are correct?

A. 1 only

B. 2 only

C. Both 1 and 2

D. Neither 1 nor 2

**Answer: C**



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**248.** Which one of the following is the driest desert of the world?

A. Atacama

B. Gobi

C. Sahara

D. Kalahari

**Answer: A**



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**249.** Which one of the following devices is used to measure atmospheric pressure ?

A. Ammeter

B. Barometer

C. Potentiometer

D. Lactometer

**Answer: B**



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250. Which one of the following is NOT a coastal depositional feature?

- A. Tombolo
- B. Sand bar
- C. Stack
- D. Spit

**Answer: C**



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251. Which of the following is/are coastal erosional feature(s)?

- 1 Notch
- 2 Sea Arch
- 3 Cliff

#### 4 Hook

Select the correct answer using the code given below

- A. 1,2 and 3
- B. 2,3 and 4
- C. 2 and 3 only
- D. 1 only

**Answer: A**



[View Text Solution](#)

**252.** Chemical Weathering of rocks is much greater in a place with

- A. cold and dry climate
- B. hot and humid climate
- C. hot and dry climate

D. cold and humid climate

**Answer: B**



[View Text Solution](#)

**253.** Which of the following statements about Ring of Fire is/are correct?

1. It is a zone of convergent plate boundaries
2. It is an active seismic and volcanic zone
3. It is associated with deep trench

Select the correct answer using the code given below

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 only
- D. 1,2 and 3

**Answer: D**



**View Text Solution**

**254.** Which one of the following Himalayan vegetation species is found between the altitudes of 1800 to 2600 metres?

A. Saal

B. Chir

C. Spruce

D. Deodar

**Answer: D**



**View Text Solution**

**255.** Which of the following conditions is/are essential for tea cultivation?

1. Tropical and sub-tropical climate
2. Heavy rainfall ranging from 150 cm to 250 cm
- 3 Soil should contain good amount of lime

Select the correct answer using the code given below:

- A. 1, 2 and 3
- B. 1 and 2 only
- C. 2 and 3 only
- D. 1 only

**Answer: B**

 [View Text Solution](#)



**256.** Which one of the following is a local wind that blows out from Siberia?

- A. Bora
- B. Purga
- C. Mistral
- D. Blizzard

**Answer: B**



[View Text Solution](#)

**257.** Which of the following are essential prerequisites for establishment of a thermal power station?

1. Availability of fossil fuels
2. Proximity to a river, lake or sea
3. Good transport network

#### 4. Proximity to an urban centre

Select the correct answer using the code given below

- A. 1, 2 and 3
- B. 2 and 4
- C. 2 and 3 only
- D. 1 and 3 only

**Answer: A**



[View Text Solution](#)

**258.** Light year is a unit for measurement of

- A. age of universe
- B. very small time intervals
- C. very high temperature

D. very large distance

**Answer: D**



**View Text Solution**

**259.** Statement I: Geostrophic wind blows above a height of 600 metres, parallel to the isobars

Statement II: Geostrophic wind is the horizontal wind velocity, in which the Coriolis force balances the horizontal pressure force

- A. Both the statements are individually true and Statement II is the correct explanation of Statement I
- B. Both the statements are individually true but Statement II is not the correct explanation of Statement I
- C. Statement I is true but Statement II is false
- D. Statement I is false but Statement II is true

**Answer: A**

 [View Text Solution](#)

**260.** Which one of the following is known as uplands of delta region?

- A. Bed
- B. Bils
- C. Peh
- D. Chars

**Answer: B**

 [View Text Solution](#)

**261.** Which one of the following statements about temperature is correct?

A. Temperature decreases with height in the stratosphere.

B. Temperature is constant at different heights in the Stratosphere

C. Temperature increases with height in the troposphere at an average rate of  $6.5^{\circ}C$  per kilometer.

D. Temperature decreases with height in the troposphere at an average rate of  $6.4^{\circ}C$  per kilometre

**Answer: D**



**View Text Solution**

**262.** Which one of the following is known as a zone of sharp salinity change in the vertical section of ocean?

- A. Thermocline
- B. Halocline
- C. Photic zone
- D. Pycnocline

**Answer: B**



[View Text Solution](#)

**263.** Match List-I and List-II and select the correct answer using the code given below the Lists

**List-I (Local-Wind)**

- A. Yamo
- B. Black Roller
- C. Bise
- D. Haboob

**List-II (Place)**

- 1. Sudan
- 2. France
- 3. Japan
- 4. North America

A. *A B C D*  
1 4 2 3

B. *A B C D*  
1 2 4 3

C. *A B C D*  
3 4 2 1

D. *A B C D*  
3 2 4 1

**Answer: C**



[View Text Solution](#)

**264.** Which one of the following types of cloud is characterized by continuous precipitation ?

- A. Cirrocumulus

B. Cumulus

C. Nimbostratus

D. Cumulonimbus

**Answer: D**



[View Text Solution](#)

**265.** Which one of the following is not an agent of metamorphism?

A. Heat

B. Compression

C. Decomposition

D. Solution

**Answer: C**



[View Text Solution](#)



**266.** Match List-I and List-II and select the correct answer using the code given below the Lists

**List-I**

**(Koppen's Climatic Type)**

- (A) Tropical wet
- (B) Mid-latitude desert
- (C) Mediterranean
- (D) Humid continental

**List-II**

**(Letter Code)**

- 1. Af
- 2. Cs
- 3. Df
- 4. BWk

A. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
1	4	2	3

B. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
1	2	4	3

C. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
3	2	4	1

D. 

<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>
3	2	4	1

**Answer: A**



**View Text Solution**

267. Steppe (temperate continental ) climate is not experienced in which one of the following places?

- A. Pretoria
- B. Saskatchewan
- C. Perth
- D. Buenos Aires

**Answer: A**



[View Text Solution](#)

268. Which one of the following is not a process of chemical weathering?

- A. Solution
- B. Carbonation

C. Oxidation

D. Exfoliation

**Answer: D**



[View Text Solution](#)

**269.** Spring tides refer to

A. greatest difference in the sea level at high and low tides

B. lowest difference in the sea level at high and low tides

C. no difference in the sea level at high and low tides

D. counteraction of gravitational pull of the Sun to that of Moon

**Answer: A**



[View Text Solution](#)

**270.** Which one of the following is NOT true in reference to Air mass ?

- A. Air mass forms either in tropical or in polar region
- B. Air mass develops on continents as well as over ocean
- C. Air mass develops in a cyclonic condition
- D. Air mass changes the weather conditions

**Answer: C**

 [View Text Solution](#)

**271.** Campos" and "Llanos", Tropical Savanna grasslands are generally found in

- A. Australia
- B. Central Africa

C. South America

D. East Asia

**Answer: C**



**View Text Solution**

**272.** Shamal warm and dry wind is a Local wind found in

A. East Asia

B. West Coast of Africa

C. Sahara of Africa

D. Mesopotamia

**Answer: D**



**View Text Solution**

**273.** Inversion of Rainfall is associated with

- A. Orographic rainfall
- B. Convective rainfall
- C. Cyclonic rainfall (Tropical)
- D. Cyclonic rainfall (Temperate)

**Answer: B**



[View Text Solution](#)

**274.** Which of the following is/are environmental effects of Rotation of the Earth?

1 Daily or diurnal rhythm in day-light and air temperature

2 Flow path of both air and water are turned consistently in a sideward direction

### 3 The movement of the tides

Select the correct answer using the code given below

A. 1 and 2 only

B. 1 and 3 only

C. 1,2 and 3

D. 3 only

**Answer: D**



[View Text Solution](#)

**275.** Light year is a unit of measurement of

A. very large distances

B. time interval in years

C. amount of light received on earth in a year

D. mass of atoms

**Answer: A**



[View Text Solution](#)

**276.** Which one of the following is an example of Salt-Crystal growth?

A. Chemical weathering

B. Physical weathering

C. Biological weathering

D. Bio-chemical weathering

**Answer: B**



[View Text Solution](#)



**277.** Consider the following statements relating to Richter scale

1. It was devised in 1935 by Charles F. Richter

2 It describes the quantity of energy released by a single earthquake

3 Richter Scale has no upper limit

Which of the statements given above is/are correct?

A. 1 only

B. 1 and 2 only

C. 2 and 3 only

D. 1,2 and 3

**Answer: B**



**View Text Solution**

278. Which one of the following ocean currents is NOT a cold ocean current ?

- A. Canary current
- B. California current
- C. Kuroshio current
- D. Oyashio current

**Answer: C**



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279. What is the time gap in occurrence of two successive tides at a given place on the ocean surface?

- A. 12 hours
- B. 12 hours 26 minutes

C. 24 hours

D. 24 hours 52 minutes

**Answer: B**



**View Text Solution**

**280.** Black hole' is a

A. huge black star which has zero acceleration due to gravity on

its surface

B. star which has moderate acceleration due to gravity on its

surface

C. star which has collapsed into itself and has large acceleration

due to gravity on its surface

D. star which has collapsed into itself and has zero acceleration  
due to gravity on its surface

**Answer: C**

 [View Text Solution](#)

**281.** Which one of the following can be said to be essentially related to "Polar Front Theory"?

- A. Anticyclone
- B. Tropical Cyclone
- C. Temperate Cyclone
- D. Inter Tropical Convergence

**Answer: C**

 [View Text Solution](#)

**282.** Brahmaputra and Indus rivers are antecedent rivers. Which one of the following may be the true definition of an antecedent drainage ?

- A. Which follows the initial slope of the Himalaya
- B. Which existed before the Himalayan range came into existence
- C. Which followed the dip or rock beds of the Himalaya
- D. Which followed the strikes of rock beds of the Himalaya

**Answer: B**



**View Text Solution**