NDA-CDS 1 2025

GEOGRAPHY

RUBY MA'AM

SSPack

SSBCrack



09 Oct 2024 Live Classes Schedule



- Q. The maximum depth of Lithosphere is found in the
 - (a) Pacific Ocean.
 - (b) Siberian Plain.
 - (c) Patagonian Desert.
 - (d) Himalayan Mountains.

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Answer: A

Q. Which One Of The Following Statements Is True About Tropopause?

(A) It Is About 5 Km Thick Layer.

(B) Its Average Height Is About 10 Km Over The Equator.

(C) There Is No Seasonal Variation In Its Height.

(D) The Temperature At Its Top Is Lowest Over The Equator And Relatively

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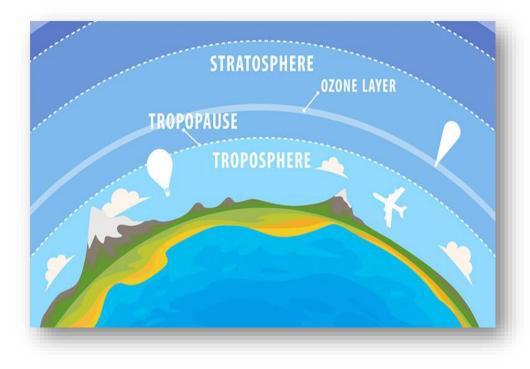
• Explanation:

• It Is The Boundary In The Earth's

Atmosphere Between The

Troposphere And The Stratosphere.

 The Tropopause Is Higher Than The Global Average In Warm Regions And Lower In Cold Regions.



Q. In An Anticyclone

(A) Barometric Pressure Is High Towards Centre Of The System.

(B) Winds Blow In Clockwise Direction In Southern Hemisphere.

(C) Weather Remains Moist And Sky Is Cloudy.

(D) Situation Of Calm Prevails And Weather Changes Rapidly.

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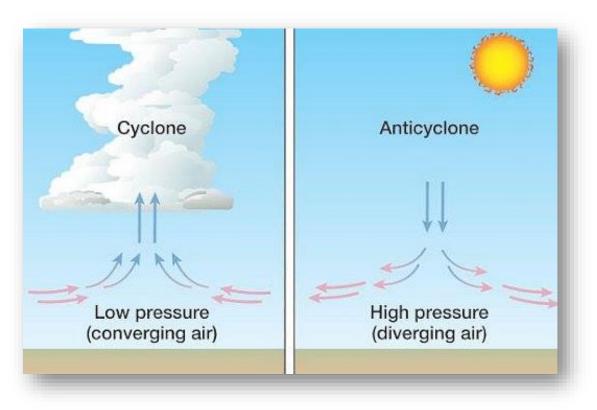
(D) Situation Of Calm Prevails And Weather Changes Rapidly.

- Explanation:
- It Is A Region Of High Atmospheric

Pressure Relative To The

Surrounding Air (High Or High-

pressure System).



Q. Match The Following:

A. Temperature Falls With Height	1. Ionosphere
----------------------------------	---------------

B. Reflects Radio Waves Back To Earth 2. Stratosphere

C. Contains Most Of The Ozone 3. Tropopause

D. Fall In Temperature Stops 4. Troposphere

ABCD ABCD ABCD ABCD

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

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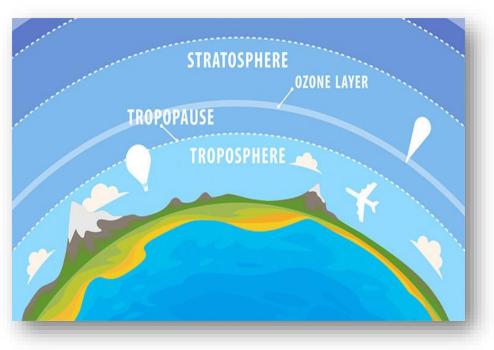
D. Fall In Temperature Stops 4. Troposphere

ABCD ABCD ABCD ABCD

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

- Explanation :
- In Troposphere Temperature Falls With The Height. Ionosphere Reflects Radio Waves
 Back To The Earth.
- The Ozone Layer In Stratosphere Absorbs Most Of The Sun's UV Radiation.
- The Tropopause Is The Boundary Between

Troposphere And The Stratosphere



Q. Which One Of The Following Bays Has The Highest Tides In The World?

(A) Bay Of Bengal

(B) Hudson Bay

(C) Bay Of Fundy

(D) Bay Of Khambat

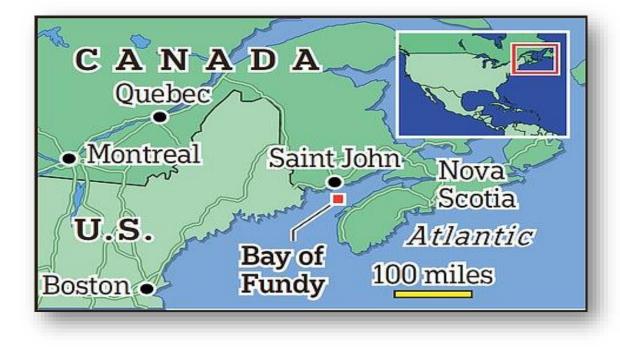
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Q. Which Of The Following Seas Has The Highest Average Salinity?

(A) Black Sea

(B) Yellow Sea

(C) Mediterranean Sea

(D) Dead Sea

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Q. Which One Of The Following Oceanic Currents Is Not Associated With The

Pacific Ocean?

(A) Canaries

(B) Curoshio

(C) California

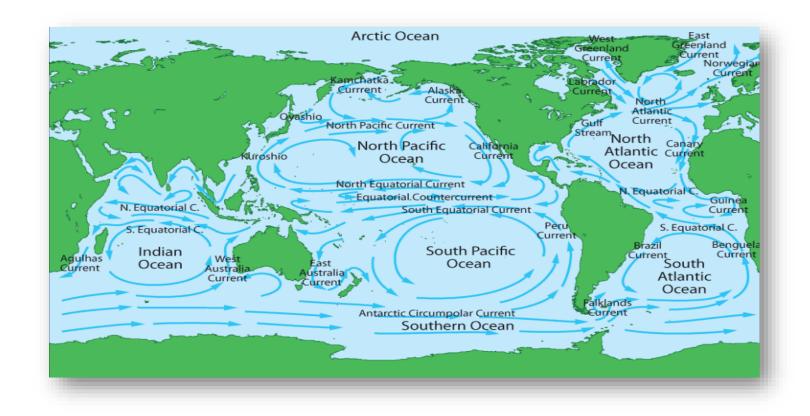
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Q.The Correct Sequence Of The Following Seas From West To East Is

(A) Black Sea, Mediterranean Sea, Caspian Sea, Aral Sea

(B) Caspian Sea, Mediterranean Sea, Black Sea, Aral Sea

(C) Mediterranean Sea, Black Sea, Caspian Sea, Aral Sea

(D) Black Sea, Mediterranean Sea, Aral Sea, Caspian Sea

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(B) Caspian Sea, Mediterranean Sea, Black Sea, Aral Sea

(C) Mediterranean Sea, Black Sea, Caspian Sea, Aral Sea

(D) Black Sea, Mediterranean Sea, Aral Sea, Caspian Sea

• Explanation :



- Q. Which one of the following is the major constituent of biogas?
 - (a) Carbon dioxide
 - (b) Nitrous oxide
 - (c) Methane
 - (d) Oxygen

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- (a) Carbon dioxide
- (b) Nitrous oxide
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ANSWER: C

Biogas is usually made up of around 50-70% methane (CH4) and 25-45% carbon dioxide (CO2), with other gases such as hydrogen (H2), hydrogen sulphide (H2S), water vapor (H2O), nitrogen (N2), oxygen (O2), ammonia (NH3) making up the rest.

- **Q.** Which one of the following is a non-metallic mineral?
 - (a) Iron
 - (b) Mica
 - (c) Copper
 - (d) Bauxite

Q. Which one of the following is a non-metallic mineral?

- (a) Iron •
- (b) Mica
- (c) Copper
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ANSWER: B

Nonmetallic minerals are, for example,

sand, gravel, limestone, clay, and marble.

Such materials lack metallic

characteristics like good electric and

thermic conductivity, luster, rigor, and

malleability.

Q. Which one of the following is a Rabi crop in the Northern States of India ?

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- (a) Rice
- (b) Bajra
- (c) Barley
- (d) Ragi

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ANSWER: C

Those that are sown around the Retreating Monsoon and Northeast monsoon season, which begins by October are called rabi or winter crops. Major Rabi crops are wheat, gram, peas, barley, etc. A warm climate is required for seed germination and a cold climate for the growth of crops.

- Q. The rivers of North-West Europe are good examples of
 - (a) parallel pattern of drainage.
 - (b) radial pattern of drainage.
 - (c) barbed pattern of drainage.
 - (d) trellis pattern of drainage.

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 - (d) trellis pattern of drainage.



ANSWER: A

- **Q.** Which one of the following ocean currents is a cold current ?
 - (a) South Atlantic Drift
 - (b) Mozambique Current
 - (c) East Australian Current
 - (d) Caribbean Current

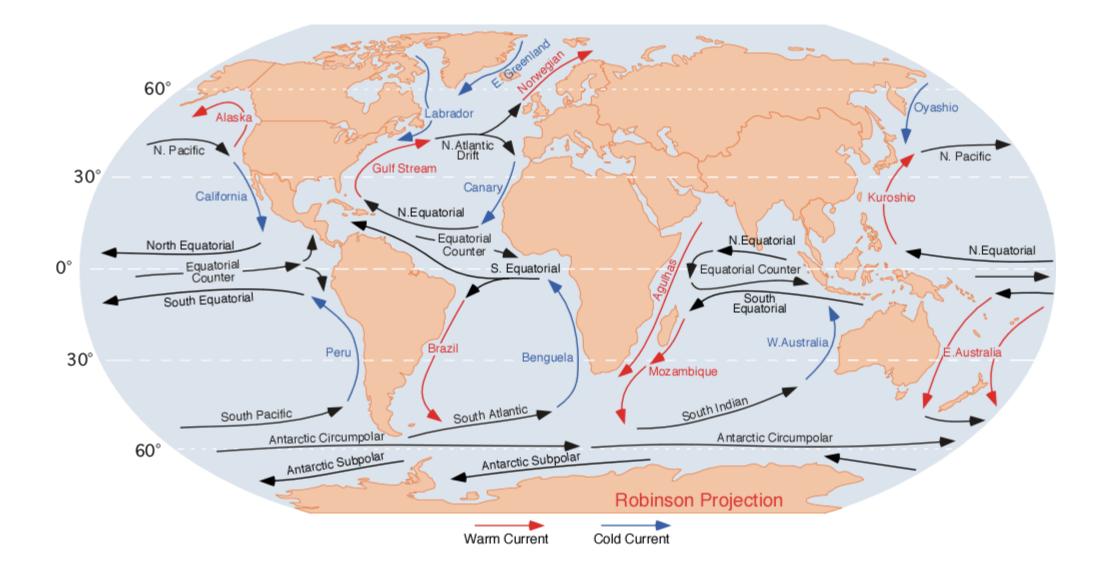
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ANSWER: A

The South Atlantic Current is an eastward

ocean current, fed by the Brazil Current. It is a cold current.



- Q. Where are the Bermuda Islands located ?
 - (a) Caribbean Sea
 - (b) North Atlantic Ocean
 - (c) Gulf of Mexico
 - (d) Mediterranean Sea

- Q. Where are the Bermuda Islands located ?
 - (a) Caribbean Sea
 - (b) North Atlantic Ocean
 - (c) Gulf of Mexico
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Answer: B



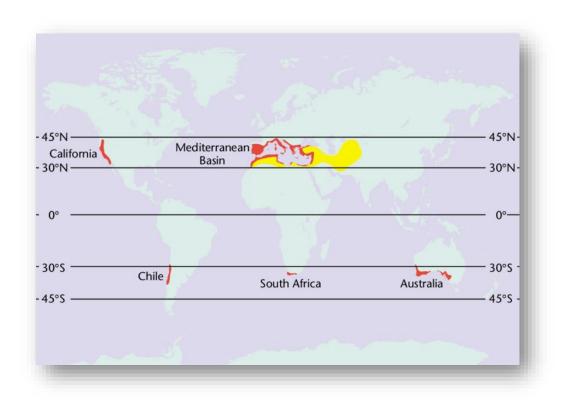
- Q. Which one of the following climatic types is found in Central Spain?
 - (a) Subarctic
 - (b) Mediterranean dry hot summer
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 - (a) Subarctic
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Answer: B

- Explanation:
- The Mediterranean Dry Hot Summer Climate Is Found In Central Spain.
- The Mediterranean Climate Or Dry
 Summer Climate Is Characterized By

Dry Summers And Mild, Wet Winters.



Q. Which Of The Following Conditions Indicate The Impact Of Global Warming?

- 1. Melting Of Glaciers
- 2. Lowering Down Of Sea Level
- 3. Changes In Weather Conditions
- 4. Rise In Global Temperature

Codes:

(A) 1 And 2 (B) 1, 2 And 3 (C) 1, 3 And 4 (D) 1, 2, 3 And 4

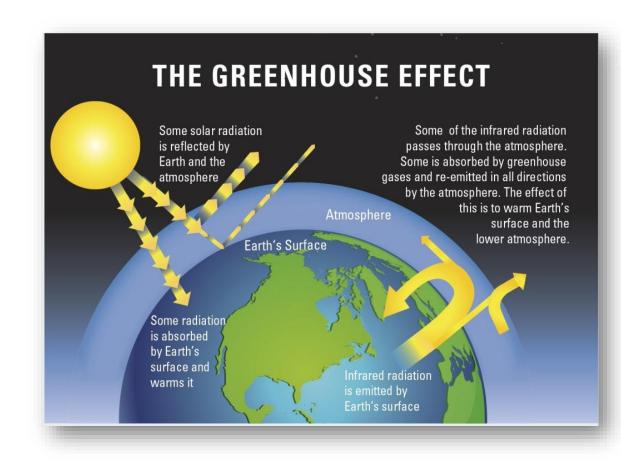
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Codes:

(A) 1 And 2 (B) 1, 2 And 3 (C) 1, 3 And 4 (D) 1, 2, 3 And 4

- Explanation:
- Global Warming Is The Increase In The Global Temperature.
- It Has Put Many Negative Impacts On Glaciers Causing Them To Start Melting And Thus Easing, Rise Of Sea Level.



Q. Which One Of The Following 'City River' Pairs Is Not Correctly Matched?

(A) Berlin — Rhine

(B) London — Thames

(C) New York — Hudson

(D) Vienna — Danube

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(A) Berlin — Rhine

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- Explanation:
- The Rhine Is A European River That Begins

In The Swiss Canton Of Graubünden In The South Eastern Swiss Alps, Forms Part Of

The Swiss- Austrian, Swiss- Liechtenstein,

Swiss- German And Then The Franco-

German.

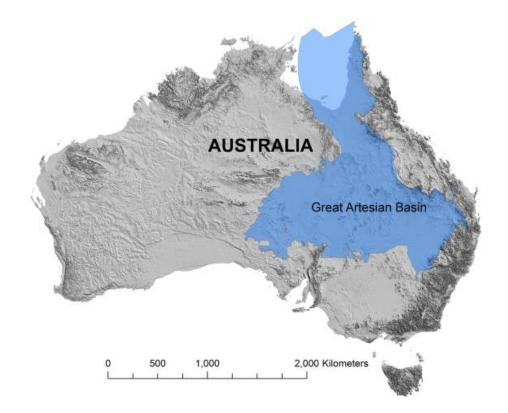


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 - (a) Western Australia
 - (b) Victoria
 - (c) Queensland
 - (d) Northern Territory

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 - (a) Western Australia
 - (b) Victoria
 - (c) Queensland
 - (d) Northern Territory

Answer: C

- Explanation:
- The Great Artesian Basin, Located In Australia, Is The Largest And Deepest Artesian Basin In The World.
- The Basin Provides The Only Source Of
 Freshwater Through Much Of Inland
 Australia



- **Q.** The inter section point of the Prime Meridian and the Equator lies in
 - A) Atlantic ocean
 - B) Ghana
 - C) Morocco
 - D) Pacific ocean

Q. The inter section point of the Prime Meridian

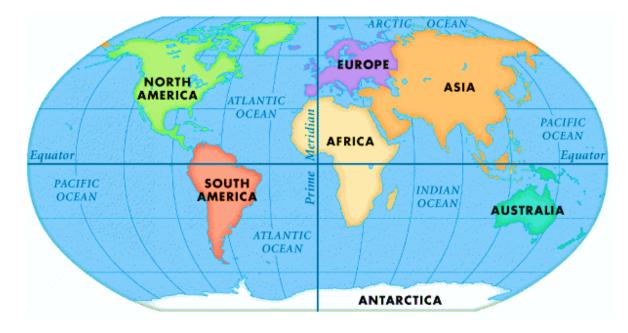
and the Equator lies in

- A) Atlantic ocean
- B) Ghana
- C) Morocco
- D) Pacific ocean

Correct Answer: A

The Intersection point of the Prime Meridian and the Equator lies in Gulf of Guinea which is

located in the middle of the Atlantic Ocean.

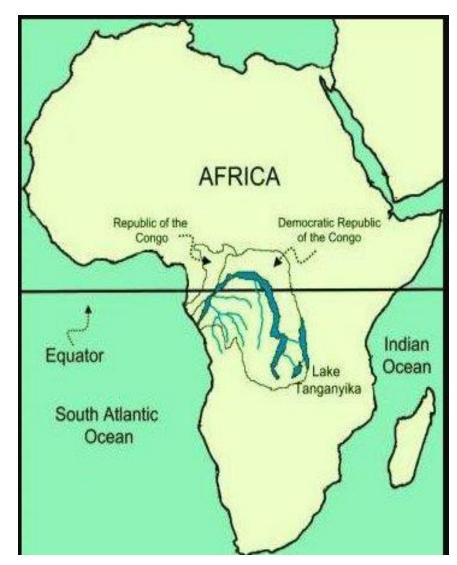


- **Q.** Which river of Africa crosses the Tropic of Capricorn twice?
 - A) Congo
 - B) Limpopo
 - C) Niger
 - D) Zambezi

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NDA & CDS 1 2024 - Geography - Part 6

- Q. 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

- Q. Which one of the following sea ports gained significance for handling iron-ore exports to Japan ?
 - (a) Kandla
 - (b) Ennore
 - (c) Kochi
 - (d) Mormugao

26 N 1

Q. Which one of the following sea ports gained ANSWER: D significance for handling iron-ore exports to Japan? Marmagao Po

- (a) Kandla
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- (d) Mormugao

Marmagao Port, situated at the entrance of the Zuari estuary, is a natural harbor in Goa. It gained significance after its remodeling in 1961 to handle iron-ore exports to Japan. Marmagao is one of the oldest ports on the west coast of India, protected by a breakwater as well as a mole constructed E of the seaward end of the breakwater.



Q. Milpa and Ladang are different names for

- (a) shifting cultivation.
- (b) mixed farming.
- (c) truck farming.
- (d) plantation agriculture.

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ANSWER: A

Shifting cultivation is a form of agricultural practice or a cultivation system. In which an area of ground is cleared of vegetation and cultivated for a few years and then abandoned for a new area until its fertility has been naturally restored.

Other Names of Shifting Cultivation

Shifting Cultivation Name	Country
✓ Chena	✓ Sri Lanka
 Ladang 	 Java and Indonesia
🗸 Jhum	 North-eastern India
🗸 Podu	 Andhra Pradesh
🗸 Milya	 Mexico and Central America
🗸 Konuko	✓ Venezuela
🗸 Roka	✓ Brazil
✓ Milpa	 Yucatan and Guatemala

Q. Which one of the following tributaries of river Indus feeds the canal system of the Bhakra Nangal Project ?

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- (a) Chenab
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ANSWER: B

Bhakra Dam is a concrete gravity dam on the Sutlej River in Bilaspur, Himachal Pradesh in northern India. The dam forms the Gobind Sagar reservoir. Q. When the rivers discharge their waters from all directions into a lake or depression, the pattern is known as

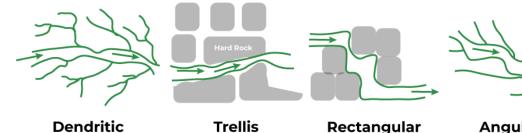
- (a) Trellis
- (b) Dendritic
- (c) Radial
- (d) Centripetal

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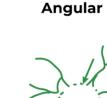
ANSWER: D

When the rivers discharge their waters from all directions in a lake or depression, the pattern is known as **'centripetal'**. This drainage pattern is also called **endorheic drainage**. For example, Loktak lake in Manipur.



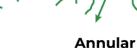






Parallel





Centripetal

- **Q.** Which one of the following statements about the Coriolis force is *not* correct ?
 - (a) It is maximum at the Poles.
 - (b) It is absent at the Equator.
 - (c) It deflects the wind to the right direction in the southern hemisphere.
 - (d) It deflects the wind to the right direction in the northern hemisphere.

Q.

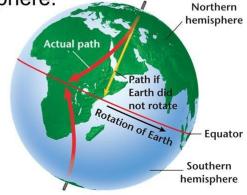
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ANSWER: C

Coriolis effect

 The <u>Coriolis effect</u>, which is a result of Earth's rotation, causes moving particles such as air to be deflected to the right in the northern hemisphere and to the left in the southern hemisphere.



Q. Identify the crop on the basis of the following characteristics :

- 1. It is a kharif crop.
- Aus, Aman and Boro are its three different growing periods in an agricultural year.
- 3. About one-fourth of the total cropped area of India is under its cultivation.

Select the correct answer using the code given below :

(a) Wheat

- (b) Rice
- (c) Pulses
- (d) Cotton

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성 관리 사람이 있다.

(a) Wheat

(b) Rice

(c) Pulses

(d) Cotton

ANSWER: B

Q. Alluvial soils vary in nature from sandy loam to clay. They are generally

- (a) poor in potash and rich in phosphorus.
- (b) poor in both potash and phosphorus.
- (c) rich in both potash and phosphorus.
- (d) rich in potash and poor in phosphorus.

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- (d) rich in potash and poor in phosphorus.

ANSWER: D

Alluvial soil is found in the valleys of the Terai region and in the middle hill valleys around Kathmandu and Pokhara. The valleys lie between the Siwalik and Mahabharat hills which widen out in places to form flat fertile valleys called Dun valleys. **Q.** Which one of the following is the largest linguistic group of India?

- (a) Sino-Tibetan
- (b) Austric
- (c) Indo-Aryan
- (d) Dravidian

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ANSWER: C

Indo-Aryan Group: It is a branch of the larger

Indo-European group of languages that came to

India with the advent of Aryans.

It is the largest language group of India and around 74% of Indians speak those languages

which belong to this group.

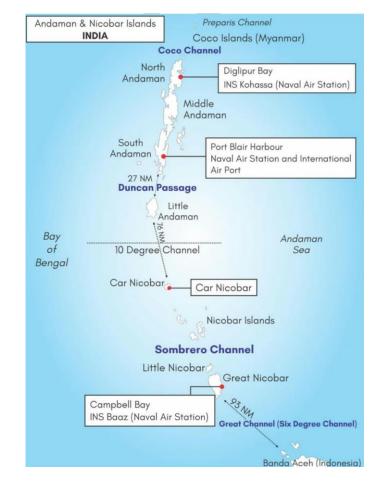
Q. Which one of the following water bodies separates the Andaman and the Nicobar islands?

- (a) Gulf of Mannar
- (b) Ten Degree Channel
- (c) Eleven Degree Channel
- (d) Palk Strait

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ANSWER: B



Q. Which one of the following longitudes is the standard meridian of India ?

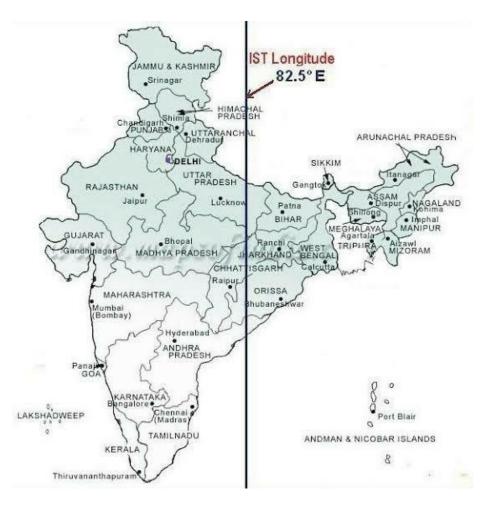
- (a) 83°30' E
- (b) 82°30' E
- (c) 82°30' W
- (d) 83°30' W

Q.

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- (a) 83°30' E
- (b) 82°30' E
- (c) 82°30' W
- (d) 83°30' W

ANSWER: B



Q. Match List I with List II and select the correct answer using the code given below the lists :

List I				List II	
А.	Cyclones		1.	Western Australia	
В.	Hurricanes		2.	South China Sea	
C.	Typhoons		3.	Indian Ocean	
D.	Willy-willies		4.	Atlantic Ocean	
Code:					
	A	В	C	D	
(a)	3	2	4	1	
(b)	3	4	2	1	
(c)	1	4	2	3	

4

2

(d) 1

3

Q. Match List I with List II and select the correct answer using the code given below the lists :

List II List I 1. Western Australia A. Cyclones B. Hurricanes 2. South China Sea 3. Indian Ocean Typhoons C. 4. Atlantic Ocean D. Willy-willies Code: С D A B 3 $\mathbf{2}$ (a) 4 1

2

 $\mathbf{2}$

4

1

3

3

(b)

(c)

(d)

3

1

1

4

4

2

ANSWER: B

Q. 'El Nino' Associated With The Formation Of The South West Monsoon Of India Is

(A) An Abnormally Warm Ocean Current

(B) A Periodic Warm Air-mass

(C) A Periodic Warm Wind

(D) A Periodic Low Pressure Centre

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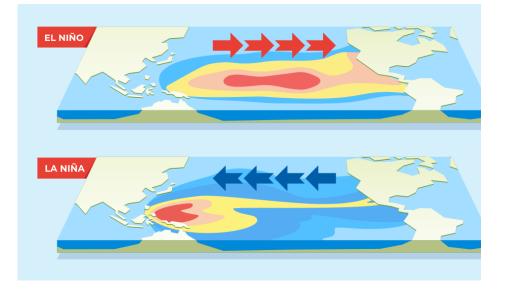
- Explanation:
- El Nino Is A Warm Ocean Current.
- The Term El Niño Refers To The Large-scale

Ocean Atmosphere Climate Interaction

Linked To A Periodic Warming In Sea Surface

Temperatures Across The Central And East-

central Equatorial Pacific.





Q. Which One Of The Following Would Have Happened If The Himalayas Did Not Exist?

(A) Monsoon Rains Would Have Taken Place In Winter Months

- (B) Coastal India Would Have Experienced Mediterranean Climate
- (C) North Indian Plain Would Have Been Much Cooler In Winter
- (D) North Western Part Of India Would Have Experienced Humid

Condition



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Condition

Q. Consider The Following Statements With Regard To Cold Waves In Winter Season In Northern India:

- 1. There Is Lack Of Maritime Influence.
- 2. Northern India Is Nearer To The Himalayan Region.
- 3. Air Mass Comes From Polar Regions To Northern India.

Which Of The Statements Given Above Is/Are Correct ?

- (A) 1 Only (B) 2 And 3
- (C) 1 And 3 (D) 1 And 2

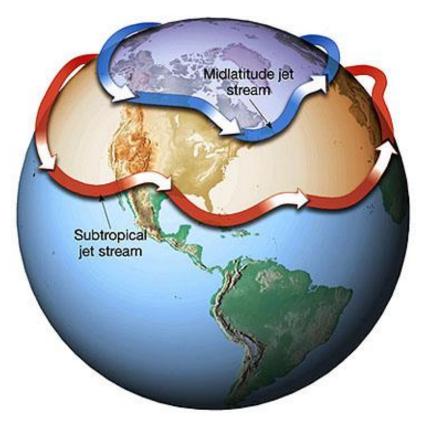
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Which Of The Statements Given Above Is/Are Correct ?

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- Explanation:
- Western Disturbances Cause Heavy
 Snowfall In The Higher Reaches Of The Himalayas And Rainfall In The Plains.
- They Result In A Cold Wave In Northern
 India.



Q. Which Amongst The Following States Gets The Highest Average

Annual Rainfall?

(A) Arunachal Pradesh

(B) Sikkim

(C) Kerala

(D) Jammu & Kashmir

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Q. The Basic Reason Of Winter Rainfall In Northwestern Part Of India Is

(A) South-west Monsoon

(B) Trade Wind

(C) Retreating Of Monsoon

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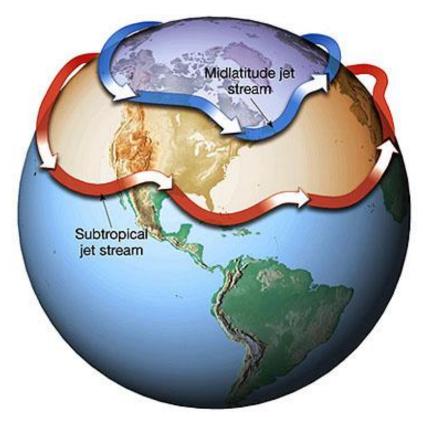
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Q. The Maximum Rainfall In India Is Received From

(A) South-west Monsoon

(B) Retreating Monsoon

(C) North-eastern Monsoon

(D) Cyclones

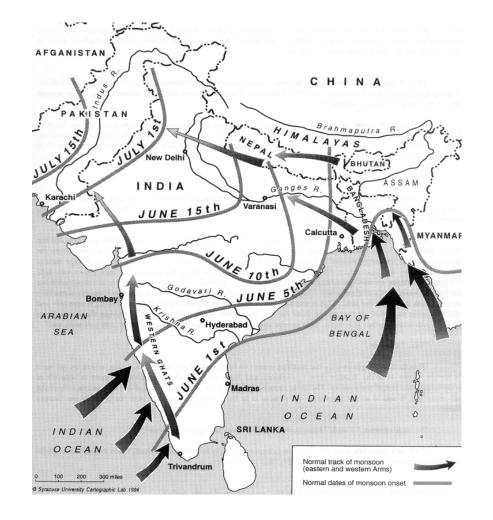
Q. The Maximum Rainfall In India Is Received From

(A) South-west Monsoon

(B) Retreating Monsoon

(C) North-eastern Monsoon

(D) Cyclones



Q. As Per Koppen's Classification Of Climate, Which One Of The Following Is The Suitable Description Of North-east India Including North Bengal?

(A) Tropical Monsoon Rainforest (Amw)

(B) Sub-tropical Monsoon Rainforest (Am)

(C) Tropical Wet And Dry Climate (Monsoon Savannah)(aw)

(D) Humid Sub-tropical Climate With Dry Winter (Cwg)

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Climate type	Regions of India	Code
Polar type	Jammu & Kashmir, Himachal Pradesh and Uttarakhand.	E
Cold humid winter with short summer	Arunachal Pradesh.	Dfc
Monsoon with dry winters	Ganga plain, eastern Rajasthan, northern Madhya Pradesh, most of north-east India.	Cwg
Hot desert	Extreme western Rajasthan	Bwhw
Semi Arid steppe	North-western Gujarat, parts of Rajasthan and Punjab.	BShw
Tropical moist	Coromandel coast of Tamil Nadu	As
Tropical monsoon with short	West coast of India, south of	Amw
Tropical Savanna	Most of the peninsular plateaus, south of the Tropic of Cancer.	Aw

Q. Which Of The Following Regions Is NOT Affected Much By The

Arabian Sea Branch Of Monsoon?

(A) The Western Ghat

(B) Deccan Plateau

(C) Madhya Pradesh

(D) Chhattisgarh Basin

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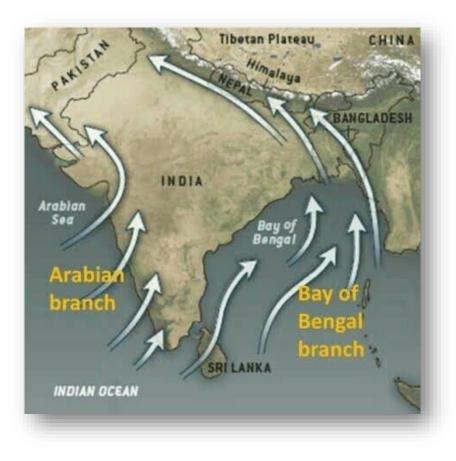
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Q. Which Of The Following Statements Regarding South-west Monsoon In India Is/Are Correct?

I. Monsoon Reaches The Malabar Coast First

II. Rajasthan Does Not Get Rainfall From South West Monsoon

III. South-west Monsoon Retreats When The Permanent Wind Belts Start Shifting To The South

Select The Correct Answer Using The Code Given Below :

(A) I, II And III (B) I And II Only (C) III Only (D) I And III Only

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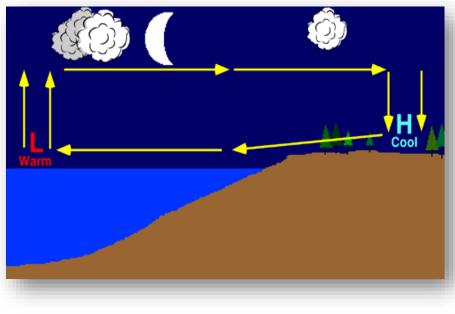
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- Explanation:
- The Southwest Monsoon Brings Rains Towards
 The End Of Summer As The High Pressure Built
 In The Indian Ocean Pushes The Wind Masses
 Towards The Low Pressure Formed On Land.
- Temperature Gradient Is Temperature

Variation Between The Landmass And The

Surrounding Sea.



Q. Which Of The Following Statements With Regard To Rainfall In India Is/Are Correct?

1. Most Of The Rainfall In India Is Due To The South-west Monsoon.

2. In South India, Rainfall Decreases Away From The Eastern Ghats.

Select The Correct Answer Using The Codes Given Below

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Q. Interior Of The Deccan Plateau Receives An Annual Rainfall Of

Less Than 60 Cm, Mainly Because

(A) It Is A Rain Shadow Zone/Region.

(B) It Is Located Parallel To Wind Direction.

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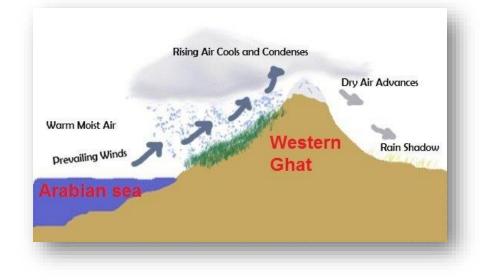
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- Explanation:
- Because It Is A Rain Shadow Region/Area.
- This Area Have **Relatively Little Precipitation** Due To The **Effect Of A Topographic Barrier**,
 - Especially A Mountain Range, That Causes The
 - Prevailing Winds To Lose Their Moisture On
 - The Windward Side, Causing The Leeward Side
 - To Be Dry



Q. South-west Monsoon Contributes To India's Total Rainfall Up To

The Extent Of

(A) 80-90%

(B) 50-55%

(C) 100%

(D) 75%

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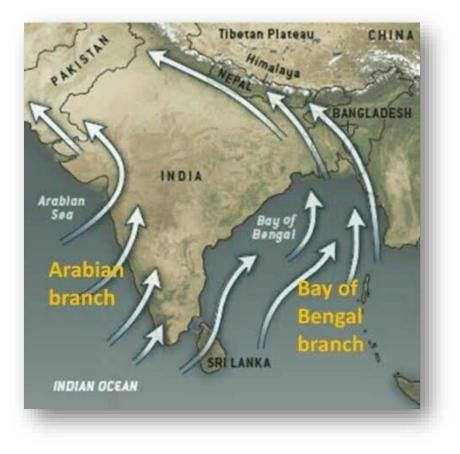
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Q. Cyclones Are More Frequent In The Coastal Areas Of Bay Of Bengal, Because:

- A) Water In The Bay Of Bengal Has Chemicals Which Help In Formation Of Cyclones
- B) The Conical Shape Of Bay Of Bengal Stimulates Cyclones Northwards
- C) High Temperatures In The Bay Of Bengal
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Q. Which Showers Are Favourable To The Rabi Crops In Punjab During Winter

A) Mango Showers

B) Kal-baisakhi

C) Showers Caused By Jet Streams

D) Showers Caused By Western Disturbances

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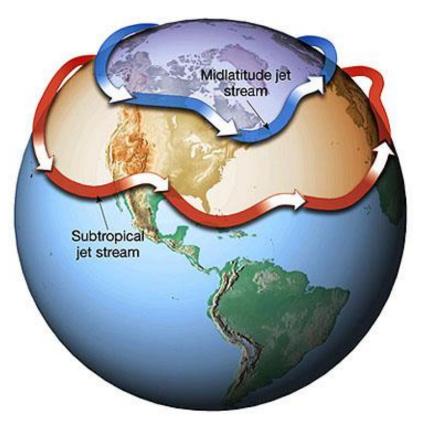
A) Mango Showers

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- Explanation:
- It Causes Winter And Pre-monsoon
 Season Rainfall Across Northwest India.
- Winter Months Rainfall Has Great
 Importance In Agriculture, Particularly
 For The Rabi Crops.
- Wheat Among Them Is One Of The Most



Q. Assertion (A):

Anti-cyclonic Conditions Are Formed In Winter Season When Atmospheric

Pressure Is High And Air Temperature Is Low.

Reason (R):

Winter Rainfall In Northern India Causes Development Of Anti-cyclonic

Conditions With Low Temperature.

A) Both (A) And (R) Are True, But (R) Is **Not** The **Correct** Explanation Of (A)

B) (A) Is False, But (R) Is True

C) (A) Is True, But (R) Is False

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Q. Mango Shower Is

A) Dropping Of Mangoes

B) Pre Monsoon Shower

C) Shower Of Mangoes

D) Rainfall In March - April In Bihar And Bengal

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