

'SAMADHAN' Prelims Test SERIES 2024

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T.B.C. : BKL-F-GHP

ASPIRE IAS TEST BOOKLET GENERAL STUDIES

Test Booklet Series

A

Test No. – 4

Paper—I

Time Allowed : Two Hours

GEOGRAPHY Composite- I

Maximum Marks : 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. *DO NOT* write anything else on the Test Booklet.
4. This Test Booklet contains 100 items (questions). Each item is printed both in **Hindi** and **English**. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. **All** items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator *only the Answer Sheet*. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers :**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third** of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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1: In the context of Kaobal Gali-Mushkoh Valley, consider the following statement

1. It is located in Kargil's Drass Sector and was a battlefield during the 1999 Kargil war between India and Pakistan
2. The Gurez Valley is close to the Line of Control (LoC) and is also home to ibex, musk deer and marmots
3. The Mushkoh Valley are also renowned as "Valley Of wild Tulips"
4. The Kishanganga River flows through the Mushkoh Valley

Which of the following statement is/are correct ?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: All the statements are correct

2: In the context of Batagaika Crater, consider the following statement

1. Batagaika Crater is located in Eastern Europe that forms the world's biggest permafrost crater.
2. Majority portion of Russia's landmass is covered by the long-frozen tundra, which has been experiencing rapid warming.
3. Russia is experiencing warming rates that are 2.5 times higher than the global average.
4. Permafrost refers to ground or soil that remains frozen at or below the freezing point (0 degrees Celsius) for three or more consecutive years.

Which of the following statement is/are correct ?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: All the statements are correct

3: In the context of Fraser Island, consider the following statement

- A: Fraser Island is an island on the eastern side of America which is also the world largest sand island.

B: Fraser Island is the world's most deadly beach and The Butchulla Aboriginal people has been living on the island.

Which of the following statement is/are correct ?

- A: Only option A is correct
- B: Only option B is correct
- C: Both the option A and B is correct
- D: Neither A nor B is correct

4: Consider the following statement

1. About 95% of India's trade by volume and 70% by value is done through air transport followed by water route .
2. Tamil nadu is the only state which has three major port
3. The draft Indian Ports Bill, 2022 seeks to repeal and replace the existing Indian Ports Act 1908, becoming imperative that the Act is revamped to reflect the present-day frameworks.

which of the following statement is/are correct?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: None of the statement is correct

5: The port is generally called as the natural gateway for the industrial and agricultural produce markets of South India. It is famous for the Exports of spices, tea, and coffee and also It is one of the centers for shipbuilding The port lies on two islands : Willingdon Island and Vallarpadam island and it is the example of Tidal port .

Choose the following options

- A: Ennore port
- B: visakhapatnam port
- C: Mangalore port
- D: Cochin port

6: In the context of Tourism, consider the following statement

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1.100% FDI is allowed under the automatic route in tourism and hospitality where as 50% FDI allowed in tourism construction projects, including the

development of hotels, resorts and recreational facilities.

2.India is currently ranked 54th in World Economic Forum's Travel & Tourism Development Index (2021)

3.India's third-largest source of foreign exchange is the tourism and hotel industry.

4.Tourism brings social equality as it moves areas with an absence of growth-promoting industries toward more inclusive, equitable growth.

5.Swadesh Darshan and PRASHAD schemes are designed to promote expansion in specialized tourism markets such as wildlife, adventure, wellness, and religious travel.

Which of the following statement is/are correct ?

A:Only Two statement are correct

B:Three statements are correct

C:Four statement are correct

D:All the statements are correct

7:In the contex of AMCHANG WILDLIFE SANCTUARY , consider the following statement

1.It is a small Sanctuary located in the eastern fringe of siang city, Arunachal pradesh.

2.Rare animals like Chinese pangolin and Slow loris,Hoolock gibbon,Asian Elephant, Wild pig is the home of Amchang wildlife saqnctuary

3.Wildlife sanctuaries is reserved exclusively for wildlife use, especially those in danger of extinction and the rare ones, for protecting, propagating or developing them or its environment.

4.Wildlife sanctuaries of India, are classified as IUCN Category IV protected areas.

Which of the following statement is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:All the statements are correct

8:In the context of Navegaon-Nagzira Tiger Reserve,consider the following statement

1.It was notified as the 46th Tiger Reserve of India and is situated in Gondia and Bhandara districts of Madhya pradesh

2.It shares borders with renowned reserves such as Kanha, Pench, Tadoba-Andhari, Indravati

3.The major forest type in this tiger reserve are "Southern Tropical Dry Deciduous Forest"

which of the following statement is/are correct?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:None of the statement is correct

**9:Consider the following pairs :
Hydroelectric power**

project

Hosting

River

1. Maithon Dam -
Barakar

River

2. Jawahar Sagar Dam -
Chambal

River

3. Nagarjuna Sagar Dam -
Krishna

River

4. Hirakud Dam -
Mahanadi

River

How many pairs given above is/are correctly matched ?

(a) One pair only is correctly match

(b) Two pairs only are correctly match

(c) Three pairs only are correctly match

(d) All four pairs are correctly match

10:Consider the following statements :

1.India has the highest area under bamboo and is the second richest country, after China, in terms of bamboo diversity.

2.National Bamboo mission aim to increase the area under bamboo plantation in non-forest Government and private lands

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3. Odisha and West Bengal account for more than 70% of the bamboo resources of the country
4. According to the India State of Forest Report 2021, Madhya Pradesh has shown the highest decrease in the bamboo-bearing area

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

11: Consider the following pairs :

Soil Type	Crops
1. Laterite Soil -	Cashew nuts
2. Sub-montane Soil -	Rice
3. Red Soil -	Ground nut
4. Black Soil -	Cotton
5. Alluvial Soils -	sugarcane

How many pairs given above is/are correctly matched ?

- (a) Two pair only is correctly match
 (b) Three pairs only are correctly match
 (c) four pairs only are correctly match
 (d) five pairs are correctly match

12: Consider the following statements with reference to the variability of rainfall in India :

1. The highest rainfall occurs along the Konkan and Malabar coasts
 2. The highest variability is found in the areas where the average annual rainfall is the highest
 3. The lowest rainfall is recorded in eastern Rajasthan, the north-eastern parts of Gujarat, and Ladakh.

which of the following statement is/are correct?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

13: Consider the following statements with reference to the Red Soils in India :

1. Red soils along with its minor groups form the largest soil group of India.
 2. The red soils give good yield of cotton, wheat, rice, pulses and millets.
 3. The texture of the soil varies from sand to clay and loam
 4. In general, these soils are rich in lime, phosphate, magnesia, nitrogen, humus, and potash.
 5. In Uplands, the soil is coarse and infertile, while in Plains, the soil is fine and fertile.

Which of the following statement is/are correct ?

- A: Only Two statement are correct
 B: Three statements are correct
 C: Four statement are correct
 D: All the statements are correct

14: Consider the following statements with reference to tribes of India :

1. The famous tribes in Jammu and Kashmir is Bakarwal and Balti in Odisha it is Gadaba and Ghara and in madhya pradesh it is Eravallan and Kurumbas.
 2. Lokur Committee is associated with tribes in india
 3. More than half of the tribal population of India is living in multidimensional poverty.
 4. Some tribes in India still follow the practice of polyandry and polygyny.
 5. The state boundaries are always demarcated such that the domain of any particular tribe is located in a single state.

Which of the following statement is/are correct ?

- A: Only Two statement are correct
 B: Three statements are correct
 C: Four statement are correct
 D: All the statements are correct

15: Consider the following statements with reference to the Alluvial soils in India

1. Khadar soils are the new alluvial deposits which are lighter in colour and have a sandy texture

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2. Khadar is deposited near the riverbanks while Bhangar found away from the banks of the river on higher interfluve zones
3. At the foothills of the Himalayas, bhabhar soils are found, which are characterized by pebbles and swamps

Which of the statements given above is/are correct ?

- A: Only one statement is correct
B: Two statements are correct
C: Three statements are correct
D: None of the statement is correct

16: Consider the following statements :

1. In the winter season, the upper air westerly jet streams are bifurcated into two branches over the Indian subcontinent.
2. The strength of the westerly jet stream contributes to the intensification of high pressure formed over the southern Indian Ocean during summer.

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

17: In the context of Small scale and cottage Industry, consider the following statement

1. Small Scale Industries are industries in which the investment limit is up to Rs.5 crore while the annual turnout is up to Rs. 10 crores.
2. Khadi and Village Industries Commission (KVIC) is a non statutory organization that promotes village industries that also helps cottage industries.
3. the cottage industry has helped to move towards balanced regional development and achieving the goal of an egalitarian society
4. Gem cutting industry are mainly famous in Surat where as Ivory carving is in Trivandrum and Jaipur

Which of the following statement is/are correct ?

- A: Only one statement is correct
B: Two statements are correct
C: Three statements are correct
D: All the statements are correct

18: Consider the following Pairs

Industrail complex

Core Industry

- | | |
|-----------------------|-------------------------|
| 1. Durgapur (WB) | Iron and steel |
| 2. Perambur (TN) | Indian Ordnance factory |
| 3. Avadi (TN) | Integral coach factory |
| 4. Bhopal (MP) | Heavy electrical |
| 5. Sindri (Jharkhand) | Chemical Fertilizers |

How many pairs given above is/are correctly matched ?

- (a) Two pair only is correctly match
(b) Three pairs are correctly match
(c) four pairs are correctly match
(d) five pairs are correctly match

19: In the context of Industrail region and Industrial complex, consider the following statement

1. Industrial region is a spatial concept and refers to an aerial unit were as the Industrial complex is a functional concept and it brings out the relationship of how raw materials are being transformed into products.
2. Industrial complex are manifestations of the centrifugal forces as it outgrows and diversifies as well as Industrial region are the manifestation of centripetal forces and have greater functional rigidity.
3. There is no management authority in Industrial complex but Every Industrial Region has a management authority.

Which of the statements given above is/are correct ?

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- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

20: In the context of Industrial corridor, consider the following statement

1. Delhi-Mumbai Industrial Corridor (DMIC) covers Uttar Pradesh, Haryana, Rajasthan which funded by the Government of India, Japanese loans and investments by Japanese firms
2. Bengaluru-Mumbai Economic Corridor (BMEC) covers Maharashtra and Karnataka which is being developed with the help of Britain (UK).
3. The Eastern Dedicated Freight Corridor is the backbone of Amritsar-Kolkata Industrial Corridor (AKIC)
4. Vizag-Chennai Industrial Corridor (VCIC) is the first coastal economic corridor in the country.

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

21: In the context if there is no Himalaya then

1. There will be no splitting of the westerly jet streams
2. More region of northern India would have been a desert
3. The cold Siberian air masses will enter into India
4. There will be no interception in the summer monsoon coming from the Bay of Bengal and the Arabian Sea

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

22: Consider the following statements with reference to Transportation in India :

1. The Delhi Metro was India's first Modern Metro and third rapid transit system in India, which started its operations in 2002
2. The Bharatmala Pariyojana ('India garland project') is a centrally-sector and funded Road and Highways project of the Government of India
3. The number of International Airports are higher than the State Government/Private owned Airports in India.
4. Almost two third of railway lines in India have been electrified till date.

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

23: Consider the following statements :

1. Bhor Ghat joins Nashik with Mumbai
2. Shencottah Pass joins Kottayam with Madurai
3. Haldighat joins Rajsamand and Udaipur
4. Thal Ghat joins Mumbai with Pune

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

24: Consider the following statements with reference to the Tropical cyclone in India :

1. The eastern coast of India is more prone to cyclones than the western Coast of India.
2. The cyclone, with its whole system, moves forward from east to west in general.
3. In India, most cyclones occur only in the pre-monsoon season.

Which of the statements given above is/are correct ?

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- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

25: In the context of Industrial region, consider the following statement

1. The Ahmadabad -Vadodra Industrial Region is the third largest industrial region of the country.
2. The Chotanagpur Industrial Region is often called as the 'Ruhr of India' stretches over Jharkhand, Odisha, Southern Bihar, and western parts of West Bengal.
3. The Kolkata-Hugli Industrial Region belt specializes in the production of jute, silk, cotton textile.

Which of the statements given above is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

26: Consider the following pairs :

National Parks

Rare animal species

- | | |
|--------------------------------|----------------------|
| 1. Silent Valley national park | Lion Tailed Macaque |
| 2. Kanha - | Sangai Deer |
| 3. Silent Valley - | Lion-Tailed Macaques |
| 4. Gir - | Asiatic lion |
| 5. Dachigam - | Hangul |

How many pairs given above is/are correctly matched ?

- (a) Two pair only is correctly match
 (b) Three pairs only are correctly match
 (c) four pairs only are correctly match
 (d) five pairs are correctly match

27: Consider the following statements :

They constitute 3rd in India's livestock population. They are the leading contributors to the total milk production in India. Murrah is an indigenous breed of this livestock.

Which one of the following livestock best applies to the above statements ?

- (a) Milch Cattle
 (b) Goat
 (c) Buffalo
 (d) Donkey

28: Which among the following types of coal deposits took the longest time to form ?

- (a) Peat
 (b) Lignite
 (c) Bituminous
 (d) Anthracite

29: Consider the following statements :

Usara soils are another name for this soil. These soils are locally termed as reh, kallar and usar. These soils have an electrical conductivity of the saturation soil extract greater than 4 dS/m at 25°C. This soil is generally infertile and unfit for agricultural use. These soils are mostly found in areas with a dry climate and poor drainage.

Which one of the following Soils the above statement is talking about ?

- (a) Arid Soils
 (b) Saline Soils
 (c) Peaty Soils
 (d) Laterite soils

30: Consider the following statements with reference to Electricity generation in India :

1. Coal-based thermal power plants generate almost three-fourths of India's Electricity.
2. The Installed power generation capacity of the Private Sector is greater than the central sector.
3. The amount of energy generated from Non-Fossil Fuels is topped by Solar energy, followed by wind energy.

Which of the statements given above is/are correct ?

- A: Only one statement is correct

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B:Two statements are correct
C:Three statements are correct
D:None of the statement is correct

31:Gandikota canyon of South India was created by which one of the following rivers ?

- (a) Cauvery
- (b) Manjira
- (c) Pennar
- (d) Tungabhadra

32. Consider the following pairs:

**Peak
Mountains**

- | | |
|----------------------------|---------|
| 1.Namcha Barwa
Himalaya | Garhwal |
| 2.Nanda Devi
Himalaya | Kumaon |
| 3.Nokrek
Himalaya | Sikkim |

Which of the pairs given above is/are correctly matched?

- (a) 1 and 2
- (b) 2 only
- (c) 1 and 3
- (d) 3 only

33:With reference to India, consider the following statements:

- 1.Monazite is a source of rare earths.
- 2,Monazite contains thorium.
- 3.Monazite occurs naturally in the entire Indian coastal sands in India.
- 4.In India, Government bodies only can process or export monazite.

Which of the following statement is/are correct ?

- A:Only one statement is correct
- B:Two statements are correct
- C:Three statements are correct
- D:All the statements are correct

34:Consider the following statements:

- 1.High clouds primarily reflect solar radiation and cool the surface of the Earth.
 - 2.Low clouds have a high absorption of infrared radiation emanating from the Earth's surface and thus cause warming effect.
- 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

35:The vegetation of savannah consists of grassland with scattered small trees. The forest development in such areas is generally kept in check by one or more or a combination of some conditions. Which of the following are such conditions?

- 1. Burrowing animals and termites.
- 2. Fire
- 3. Grazing herbivores
- 4. Seasonal rainfall
- 5. Soil properties

Select the correct answer using the code given below.

- (a) 1 and 2
- (b) 4 and 5
- (c) 2, 3 and 4
- (d) 1, 3 and 5

36: With reference to the water on the planet Earth, consider the following statements:

- 1. The amount of water in the rivers and lakes is more than the amount of groundwater.
- 2. The amount of water In polar ice caps and glaciers is more than the amount of groundwater.

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

37:Consider the following statements:

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1. Moringa (drumstick tree) is a leguminous evergreen tree.
2. Tamarind tree is endemic to south Asia.
3. In India, most of the tamarind is collected as minor forest produce.
4. India exports tamarind and seeds of moringa.
5. Seeds of moringa and tamarind can be used in the production of biofuels.

Which of the statements given above are correct?

- (a) 1, 2, 4 and 5
- (b) 3, 4 and 5
- (c) 1, 3 and 4
- (d) 1, 2, 3 and 5

38: Consider the following Rivers:

1. Brahmani
2. Nagavali
3. Subarnarekha
4. Vamsadhara

Which of the above rise from the Eastern Ghats?

- (a) 1 and 2
- (b) 2 and 4
- (c) 3 and 4
- (d) 1 and 3

39: Consider the following statements:

1. In the tropical zone, the western sections of the oceans are warmer than the eastern sections owing to the influence of trade winds.
2. In the temperate Zone, westerlies make the eastern sections of oceans warmer than the western sections

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

40: "Leaf litter decomposes faster than in any other biome and as a result, the soil surface is often almost bare. Apart from trees, the vegetation is largely composed of plant forms that reach up

into the canopy vicariously, by climbing the trees or growing as epiphytes, rooted on the upper branches of trees." This is the most likely description of

- (a) Coniferous forest
- (b) Dry deciduous forest
- (c) Mangrove forest
- (d) Tropical rain forest

41: In the context of Thorium, consider the following statement

1. Thorium is estimated to be about three to four times more abundant than uranium in the Earth's crust
2. United state have the largest reserves of Thorium in world followed by India
3. Thorium Used as alloying element in magnesium as well as for Coated tungsten wire which is used in electrical equipment
4. Thorium is used in stage 1 of Nuclear Power Program of India

Which of the following statement is/are correct ?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: All the statements are correct

42: In the context of Atomic Minerals, consider the following statements

1. India has sufficient reserves of beryllium to meet her requirement of atomic power generation.
2. World largest uranium Reserves is hold by Australia as well as the largest production hold by kazakhstan
3. Uranium deposits occur in Hazaribagh districts of Jharkhand, Gaya district of Bihar, Cuddapah basin of Andhra Pradesh, & Mahadek basin of Meghalaya.

Which of the statements given above is/are correct ?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: None of the statement is correct

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43: In the context of Asbestos, consider the following statement

1. flexibility, tensile strength, high resistance to electricity, fire and corrosion by acids are some of the physical properties of asbestos
2. Asbestos is widely used for making fire-proof cloth and rope
3. Rajasthan follow by Karnataka have the highest reserves of the asbestos

Which of the statements given above is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

44: In the context of Non-Metallic Mineral, consider the following statement

1. Mica is a very good insulator that has a wide range of applications in electrical and electronics industry.
2. Kyanite grades depend on aluminium content, lesser the aluminium content, greater the quality
3. Maharashtra is the largest producer of kyanite
4. Gypsum is mainly used in making ammonia sulphate fertilizer and in cement industry as well as the Rajasthan is the largest producer of Gypsum
5. Gypsum is a hydrated sulphate of calcium It occurs in sedimentary formations such as limestones, sandstones and shales

Which of the following statement is/are correct ?

- A: Only Two statement are correct
 B: Three statements are correct
 C: Four statement are correct
 D: All the statements are correct

45: In the context of Magnetite and Haematite, consider the following statement

1. Magnetite has less iron content as compare to the haematite

2. steel made from hematite ore are typically of higher quality than those made from Magnetite ore

3. Andhra Pradesh has largest reserve of magnetite ore and Chhattisgarh has largest reserve of hematite ore

Which of the statements given above is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

46: consider the followings pairs

iron ore regions	country
1. Magnitogorsk	Russia
2. Mesabi Range	North America
3. Itabira	Australia
4. Pilbara	South America
5. Vermillion	North America

How many pairs given above is/are correctly matched ?

- (a) Two pair only is correctly match
 (b) Three pairs are correctly match
 (c) four pairs are correctly match
 (d) five pairs are correctly match

47: In the context of coal, consider the following statement

1. More the depth = More pressure and heat = older the coal = Better carbon content
2. Peat gives less heat but emit more smoke and leaves a lot of ash
3. Bituminous coal is used in the production of coke and gas
4. Anthracite coal burn with yellow flame with very less pollutants

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

48: Consider the following difference between metallurgical and thermal coal

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1. In Metallurgical Coal Sulphur content is high and hence cannot be used in iron and steel industry but In Thermal Coal High carbon content, less moisture, less sulphur and less ash.

2. Thermal Coal is an essential ingredient in steel production but Metallurgical Coal is used to generate power.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 and 2

49: In the context of coal across the world, consider the following statements

1. China is the largest producer and consumer of coal in the world.

2. The North Antelope Rochelle Coal Mine located in the Powder River Basin of Wyoming is the world's biggest coal mine.

3. Australia has rich coking coal deposits and India also imports coking coal mainly from Australia.

Which of the statements given above is/are correct ?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: None of the statement is correct

50: Which of the following is a characteristic of Southwest Monsoon Season in India ?

- 1: There may be dry spells in between rainy periods.
- 2: These winds generally strike the Indian coast in the first week of June.
- 3: It gives rainfall to all parts of India except the Coastal regions of Tamil Nadu and Andhra Pradesh.
- 4: The Quantity of rainfall decreases as the monsoonal winds move towards the west over the northern plains.

Which of the following statement is/are correct ?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: All the statements are correct

51: Consider the following statements with reference to the Geological formation of India :

- 1. Peninsular India was a part of the old landmass since the formation of the Earth's crust.
- 2. The Indo-Gangetic plain came into existence during the Tertiary Period.
- 3. The Himalayas started to develop during the Pleistocene period.

Which of the statements given above is/are correct ?

Which of the statements given above is/are correct ?

- A: Only one statement is correct
- B: Two statements are correct
- C: Three statements are correct
- D: None of the statement is correct

52: In India, National Waterways are operational in which of the following rivers :

- 1. River Mandovi
- 2. River Zuari
- 3. River Narmada
- 4. River Tapi
- 5. River Kali

Select the correct answer using the code given below :

- (a) 1, 2 and 3
- (b) 3 only
- (c) 1, 2, 3 and 4
- (d) 3, 4 and 5

53: In the context of Population, consider the following statement

1. Crude Death Rate (CDR) is expressed in terms of number of deaths in a particular year per hundred of population in a particular region.

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2.Immigration is a process when Migrants move into a new place due to push or pull factors

3.In Demographic cycle the first stage has high fertility and low mortality

Which of the statements given above is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:None of the statement is correct

54:In the context of State of World Population report 2023 , consider the following statement

1.World bank has released the State of World Population report 2023,

2.The State of World Population is published bianually which covers and analyses developments and trends in world population

3.The report highlight that Population growth in both India and China has been slowing, despite accounting for more than one-third of the estimated global population.

4.A large and diverse population can be a source of innovation, as it brings together different perspectives, ideas, and approaches

Which of the following statement is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:All the statements are correct

55:In the contex of Migration,consider the following statement

1. Females recorded a higher share of migration rate both in rural and urban area mainly due to marriage according to Migration in India Report 2020-21

2.Maharashtra occupied first place for net in-migrants, followed by Delhi, Gujarat were as On the other hand, Uttar Pradesh and Bihar were the states, which had the largest number of net outmigrants from the state.

3.In India, external migration is far greater than an internal migration

Which of the statements given above is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:None of the statement is correct

56:Consider the following statements regarding water resources in India:

1. India accounts for about 4 percent of the world's water resources.

2. The total water available in a year from precipitation in India is relatively more than water available from surface water.

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

57:With reference to Tundra vegetation, consider the following statements:

1. The deficiency of heat has resulted in the permanent absence of mammals in the Tundra region.

2. In terms of vegetation, it is characterized by the presence of mosses, lichens and sedges.

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.

58:The quaternary sector mainly involves which of the following activities/ occupations?

1. Personnel working in elementary schools

2. Gold collar professions

3. Home shoring

4. Accounting and brokerage firms

Which of the following statement is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

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D:All the statements are correct

59:In the context of Mineral oil,consider the following statement

- 1.Stratigraphic trap is an impermeable layer capable of retaining hydrocarbons were as Structural traps is a cracks in faults and folds that can retain hydrocarbons.
- 2.Andhra Pradesh has both on-shore and offshore oil reserves.
- 3.The Digboi field in Dibrugarh district is the oldest oil field of India as well as Gujarat is Oldest oil producing state in India
- 4.Rajasthan is the largest on shore oil producing state of India.

Which of the following statement is/are correct ?

- A:Only one statement is correct
 B:Two statements are correct
 C:Three statements are correct
 D:All the statements are correct

60:Consider the following pair of Indian pipeline

Major pipeline

Famous for

- 1.Naharkatia-Nunmati-Barauni Pipeline
India's longest gas pipeline
2. Ankleshwar-Koyali Pipeline: first crude oil pipeline
- 3.Mumbai High-Mumbai Pipeline:
world's longest pipeline

Which of the statements given above is/are correct ?

- A:Only one pair is correct
 B:Two pair are correct
 C:Three pair are correct
 D:None of the pair is correct

61:In the context of human settlement ,consider the following statement

- 1.The census of India, 1991 defines urban settlements as "All places which have municipality, corporation, cantonment board or notified town area committee and have a minimum population of 5000 persons.

- 2.Nucleated settlements are those in which large number of houses are built very close to each other mainly develop along river valleys and in fertile plains.
- 3.Clustered Settlements are generally found in fertile alluvial plains and in the northeastern states.
- 4.Semi-Clustered Settlements are widespread in the Gujarat plains and some parts of Rajasthan.

Which of the following statement is/are correct ?

- A:Only one statement is correct
 B:Two statements are correct
 C:Three statements are correct
 D:All the statements are correct

62:Consider the following statement

- 1.Rectangular pattern of rural settlements are found in plain areas or wide inter montane valleys. The roads are rectangular and cut each other at right angles
- 2.T-shaped settlements develop at tri-junctions of the roads while Y-shaped settlements emerge as the places where two roads converge on the third one and houses are built along these roads.
- 3.Dispersed or isolated settlement pattern in India appears in the form of isolated huts or hamlets of few huts in remote jungles, or on small hills with farms or pasture on the slopes.
- 4.megalopolis is a general term for cities together with their suburbs with a population of more than 10 million people.

Which of the following statement is/are correct ?

- A:Only one statement is correct
 B:Two statements are correct
 C:Three statements are correct
 D:All the statements are correct

63:World Health Organisation (WHO) suggests that, among other things, a 'healthy city' must have:

- 1.A 'Clean' and 'Safe' environment.
2. Meets the 'Basic Needs' of 'All' its inhabitants.

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3. Involves the 'Community' in local government.

4. Provides easily accessible 'Health' service.

Which of the following statement is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: Three statements are correct

D: All the statements are correct

64: With reference to the steel sector, consider the following statements:

1. India is the world's second-largest producer of crude steel.

2. Steel Authority of India Limited (SAIL) is the largest steel-making company in India.

3. India does not have a dedicated National Steel Policy yet.

Which of the statements given above is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: Three statements are correct

D: None of the statement is correct

65: Consider the following statements with regard to the sub-urbanization:

1. It is a new trend of people moving away from congested urban areas to cleaner areas outside the city.

2. It generally develops around smaller cities.

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

66: Consider the following statement.

1. Vertical Temperature gradient refers to the fall in temperature with respect to altitude.

2. The Gradient value decreases by 6.50C per kilometer of ascend.

Which of the statement(s) given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

67: Consider the following Statements.

1. La Nina conditions in the Pacific Ocean can cause dry conditions in the horn of Africa.

2. "gu" and "deyr" refers to the two rainy seasons in the horn of Africa.

3. Both Eritrea and Somalia border the Gulf of Edden.

Which of the statements given above is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: Three statements are correct

D: None of the statement is correct

68: Consider the following Statements:

Assertion: The dynamics of the Intertropical Convergence Zone have a significant role in changing the characteristics of the Indian monsoon rainfall

Reason: The significant shifting of ITCZ towards the northern Hemisphere in summer causes Southeastern trade winds to encroach into the Northern Hemisphere and blow as Southwest monsoon winds.

Choose the correct answer using the codes given below:

(a) Both 'A' and 'R' are individually true, and 'R' is the correct explanation of A.'

(b) Both 'A' and 'R' are individually true, but R is not the correct explanation of A.'

(c) 'A' is true, but 'R' is false.

(d) 'A' is false, but 'R' is true.

69: What are the factors controlling the nature and magnitude of tides?

1. The shape of the shoreline.

2. Local wind and weather patterns.

3. Changes in the position of the Sun and moon in relation to the Earth.

4. Uneven distribution of water over the globe.

Which of the following statement is/are correct ?

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- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

70: Which among the following is an Endogenic process?

1. Denudation
2. Volcanic activity
3. Folding of crust
4. Deposition
5. Faults formation

Choose the correct answer from the options given below:

- (a) 1, 3 and 4 only
- (b) 1, 2 and 4 only
- (c) 2, 3, 4 and 5 only
- (d) 2, 3 and 5 only

71: Consider the following statements:

1. Weathering is a precondition for mass movements like landslides.
2. Geomorphic agents do not cause mass movements.
3. Mass movements like mudflow and rockfall down the slope are due to the influence of gravity.

Which of the statements given above is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

72: In the context of ozone layer, consider the following statement

1. Generally, concentration levels of 220 Dobson Units or less are considered ozone depletion in the Stratosphere.
2. Total ozone is generally highest at the equator and lowest in polar regions
3. The Montreal Protocol is a global agreement to protect the stratospheric ozone layer by phasing out ozone-depleting substances.
4. Ozone is a bluish gas with a boiling point of -112 degrees Celsius.

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

73: With respect to the interior of the Earth, consider the following statements:

1. The continental crust is mainly granitic in nature and is denser than the Oceanic crust
2. The asthenosphere is the lowermost portion of the mantle and is the main source of magma
3. The outer core is in a liquid state, while the inner core is in a solid state.

Which of the statements given above is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

74: IN the context of Earthquake ,Consider the following statement

1. Body waves travel through the interior of the Earth and can move in all directions.
2. The velocity of surface waves remains unchanged as they travel through materials of different densities.
3. P-waves are longitudinal waves and can travel only through solid materials.
4. Surface waves are more destructive than body waves.

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: All the statements are correct

75: Which of the following statements are correct?

1. The tropical marine climate is predominantly found along the eastern coast of continents which lie south of the Tropic of Cancer.

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2. According to the erstwhile planning commission, India consists of 10 agro-climatic zones.

3. Teak is extensively grown in the regions of monsoon type of climates.

Which of the statements given above is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: Three statements are correct

D: None of the statement is correct

76: With reference to the Thunderstorm, consider the following statements:

1. Thunderstorms are violent storms that occur for a short time and in a small area.

2. It occurs due to the intense convection on a moist hot day.

3. Thunderstorms are a manifestation of the atmosphere's adjustment to varying energy distribution

Which of the statement given above is/are correct?

A: Only one statement is correct

B: Two statements are correct

C: Three statements are correct

D: None of the statement is correct

77: With reference to Frontogenesis and Temperate cyclones, consider the following statements.

1. It happens in an anticlockwise direction in the northern and southern hemispheres in a clockwise direction.

2. Mid-latitude cyclones or temperate cyclones occur due to cold fronts.

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

78: Why are cyclones not formed despite high temperature and moisture near the equator?

1. Due to negligible Coriolis force.

2. Convergence of trade winds from subtropical high-pressure belts from both the Hemisphere.

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

79: Consider the following statements:

1. Mesopause is the coldest place in Earth's atmosphere.

2. Halogens are less reactive in the ozonosphere.

3. The Karman line is located beyond the Thermosphere, the place where space begins.

4. In the mesosphere, temperature increases with an increase in altitude.

Which of the following statement is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: Three statements are correct

D: All the statements are correct

80: Consider the following statements:

1. Atlantic meridional overturning circulation distributes heat and energy from the equatorial to the polar region.

2. AMOC is driven by thermohaline differences.

3. North Atlantic drift decreases the severity of winter in Western Europe.

Which of the statements given above is/are correct?

A: Only one statement is correct

B: Two statements are correct

C: Three statements are correct

D: None of the statement is correct

81: In the context of Human development Index, consider the following statement

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1.It's published by the Human Development Report Office for the United Nations Development Programme (UNDP).

2.The theme for Human Development Report 2021-22 is Uncertain Times, Unsettled Lives: Shaping our Future in a World in Transformation.

3. Sri Lanka emerged as the best performer in the Indian sub-continent

4.In 2021, India's life expectancy at birth was recorded at 67.2 years were as India has been ranked 122 on the Gender Inequality Index.

Which of the following statement is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:All the statements are correct

82:In the context of Multidimensional poverty Index,consider the following statements

1.Global Multidimensional Poverty Index (MPI) 2023 has been released by the United Nations Development Programme (UNDP)

2.MPI measures "interlinked deprivations in health, education and standard of living that directly affect a person's life and wellbeing

3.Children under 18 years old account for half of MPI-poor people

Which of the statements given above is/are correct?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:None of the statement is correct

83:In the context of Natural gas,consider the following statement

1. Natural gas consists of primarily methane and ethane were as LPG is a mixture of butane and propane.

2. pressure of natural gas forces oil up to the surface. Such natural gas is known as dry gas

3.Some reservoirs contain gas and no oil. This gas is termed as wet gas

4.natural gases contain substantial quantities of hydrogen sulphide or other organic sulphur compounds the gas is known as "sour gas.

Which of the following statement is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:All the statements are correct

84:Consider the following statement

1.The world's largest gas field is Urengoy (North america)

2.Russia has the highest reserve of natural gas were as the highest production belong to USA

3.Shale gas is the mixture of Methane,ethane ,propane and the butane

4. China has the largest reserve of shale gas followed by USA

Which of the following statement is/are correct ?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:All the statements are correct

85:Consider the following statements with reference to The International Crops Research Institute for the Semi-Arid Tropics (ICRISAT):

1. ICRISAT is an international non-profit organization undertaking agricultural research for development in Asia and Sub- Saharan Africa.

2. It is the only International Agricultural Research Centre (IARC) Headquartered in India.

3. India has granted a special status to ICRISAT as a UN Organization, making it eligible for special immunities and tax privileges.

Which of the statements given above is/are correct?

A:Only one statement is correct

B:Two statements are correct

C:Three statements are correct

D:None of the statement is correct

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86: Consider the following statements:

1. Mid-oceanic ridges are continuous mountain ranges that occur along convergent plate boundaries.
2. Mid-oceanic ridges are much younger than continental areas.
3. Mid-Atlantic ridges do not create Rift Valley in the Atlantic Ocean because it spreads quickly.

Which of the statements given above is/are correct?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

87: Consider the following statements:

1. Ocean surface Salinity affects the water cycle and ocean circulation.
2. The annual range of temperature decreases with latitude from the equator towards the poles.

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

88: In the Context of Aphelion, consider the following statement

1. Aphelion is the position at which the Earth is at its farthest from the Sun.
2. The Earth is at Aphelion in the early month of July, which is 152 million km away from the Sun.
3. Being farthest from the Sun, the Earth experiences a significant drop in temperature.
4. The varying distance between the Sun and the Earth does not cause seasons.

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct

D: All the statements are correct

89: Consider the following statements:

1. Jet streams are special types of geostrophic winds that are predominantly westerly winds.
2. Geostrophic winds are caused by Coriolis force, frictional force and pressure gradient forces.

Which of the statements given above is/are not correct?

- (a) 1 only
 (b) 2 only
 (c) Both 1 and 2
 (d) Neither 1 nor 2

90: Consider the following statements:

1. Savanna is an example of ecotone in tropical latitudes.
2. Kano is the type of savanna grassland distributed along the east coast of South America
3. Rhododendron nilagiricum is the only Shola tree species that can tolerate fire.

Which of the statement(s) given above is/are correct?

- A: Only one statement is correct
 B: Two statements are correct
 C: Three statements are correct
 D: None of the statement is correct

91: Consider the following statements:

1. Both P and S waves travel through the body of the Earth.
2. Surface waves or L waves are high-frequency waves that travel through the crust.
3. The magnitude of an Earthquake indicates the quantity of energy released by an earthquake at the source point, which is measured using the Mercalli Scale.
4. The US Geological Survey is a responsible institution for measuring and assessing Earthquakes across the world.

Which of the following statement is/are correct ?

- A: Only one statement is correct
 B: Two statements are correct

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C:Three statements are correct
D:All the statements are correct

92:Consider the following statements regarding Mines and Minerals Amendment Act, 2021.

1. Minerals, as per the act, include coal and mineral oil.
 2. The Central Government prescribes the period of mining leases for the case of Government companies or corporations.
- Which of the statement(s) given above is/are correct?**

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

93:Consider the following statements with reference to the Himalayas :

1. It is a complex mountain system formed mostly of sedimentary and metamorphic rocks.
2. The Shiwaliks are separated from the Northern Plains of India by the Main Boundary Thrust.
3. Duns and Duars are the longitudinal valleys or alluvial plains found in the Himalayan region.

Which of the statement(s) given above is/are correct?

- A:Only one statement is correct
- B:Two statements are correct
- C:Three statements are correct
- D:None of the statement is correct

94:Consider the following statements :

1. Chambal river rises in Vindhyan Range.
 2. Ramganga river rises in Kumaun Himalayas.
 3. Sharda river originates in Greater Himalayas.
 4. Son river originates in Amarkantak Plateau.
- How many statements given above is/are correct ?

Which of the following statement is/are correct ?

- A:Only one statement is correct
- B:Two statements are correct

C:Three statements are correct
D:All the statements are correct

95:Consider the following pairs River Tributary

- | | |
|---------------|----------|
| 1. Godavari - | Pranhita |
| 2. Narmada - | Kundi |
| 3. Mahanadi - | Moyar |
| 4. Tapi - | Orsang |

How many pairs given above is/are correctly matched ?

- (a) One pair only is correctly match
- (b) Two pairs only are correctly match
- (c) Three pairs only are correctly match
- (d) All four pairs are correctly match

96:Consider the following statements with reference to Special Economic Zones in India :

1. Almost three fourth of the operational SEZs are located in states that have a coast.
2. No agricultural land or any part of it can be acquired for the establishment of SEZ in India.
3. All SEZs in India are treated as a territory outside the customs territory of India.

Which of the statement(s) given above is/are correct?

- A:Only one statement is correct
- B:Two statements are correct
- C:Three statements are correct
- D:None of the statement is correct

97:In the context of Black soil ,consider the following statement

- 1.The colouration of the Black soil is due to the presence of Silica and Aluminium compounds
- 2.The parent material of the soils are Deccan lavas, gneisses and granites
- 3.In the upland regions, the soil may be less fertile compared to the soils found in the valleys and lowlands
4. Cereals, oilseed vegetables and citrus fruits are grown over the soils.

Which of the following statement is/are correct ?

- A:Only one statement is correct

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B:Two statements are correct
C:Three statements are correct
D:All the statements are correct

98: A state in India has the following characteristics :

1. It is bounded by independent countries on three sides.
 2. In this state, Sun appears first in India.
 3. The Mountainous terrain is divided into valleys by rivers flowing north to south.
- Which one of the following states has all of the above characteristics ?
- (a) Assam
 - (b) Sikkim
 - (c) Tripura
 - (d) Arunachal Pradesh

99:Consider the following statements with reference to the Cold Desert of India (Ladakh) :

1. The Karakoram range in the north and the Zaskar mountains in the south enclose it.
 2. The rivers do not form deep valleys and gorges in these regions.
 3. The air at this altitude is so thin that the heat of the Sun can be felt intensely.
- Which of the statements given above is/are correct ?

Which of the statement(s) given above is/are correct?

- A:Only one statement is correct
B:Two statements are correct
C:Three statements are correct
D:None of the statement is correct

100:Consider the following statements regarding tropical cyclones :

1. A tropical cyclone is a rapid storm that originates only in warm ocean waters and has low pressure in the centre.
2. 'Eye' is the central part of the tropical cyclone where violent storms and thunderstorm clouds are present.
3. Strong vertical shear increases the intensity of the tropical cyclone.

4. El Nino events inhibit tropical cyclones in the Atlantic Ocean.

Which of the following statement is/are correct ?

- A:Only one statement is correct
B:Two statements are correct
C:Three statements are correct
D:All the statements are correct

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