

'SAMADHAN' Prelims Test SERIES 2024

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

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

ASPIRE IAS TEST BOOKLET GENERAL STUDIES

Test Booklet Series

Test No. – 1

A

Paper—I

Time Allowed : Two Hours

GEOGRAPHY

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.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

1.Consider the following statement

A.Indria col is tripoint where territories controlled by India, Afghanistan and pakistan meet

B.In india east-west width is more while compare to north-south width

C.The southernmost point of the country is the Pymalion point(Indira point).

Which of the following statement is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: All the three statements are correct

D: None of the statement is correct

2:Consider the following statement

1.India's longest border with bangladesh followed by pakistan and the shortest border is with afghanistan

2.Telangana, madhya pradesh and jharkhand can be regarded as frontline state from the point of view of border management

3.Uttarakhand ,Uttar pradesh Bihar and west bengal are the only indian state which share the border with Nepal

4.Niti Pass is a mountain pass around the area of the disputed tripoint borders of India, China, and Myanmar.

Which of the following statement is/are incorrect ?

A. Only one statement is incorrect

B. Two statements are incorrect

C. Three statements are incorrect

D. All the statements are incorrect

3:Consider the following statement about various passes in India

1.Nathu La Pass is located in the state of arunachal pradesh and this famous pass is located in the India- China border.

2.Umling La is the highest motorable pass in the country. It connects Leh to the Pangong Lake and was inaugurated in August 2021.

3.Chang-La is a high mountain pass in the Greater Himalayas. It connects Ladakh with Tibet.

4.Banihal pass is a popular pass in Himachal pradesh, It is situated in the Pir- Panjal Range and It connects Banihal with Qazigund.

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

4:In the context of physical division of India ,consider the following statement

1.Peninsular plateau is the oldest and most unstable landmass of India which include Rajmahal hills,Meghalaya plateau and Kutch-Kathiawar region of gujrat

2.Arakan yoma is the extension of the himalayas which is located in China.

3.Himalayas is the youngest and highly stable landmass of India.

Which of the following statement is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: All the three statements are correct

D: None of the statement is correct

5:Consider the following statement

1.Coastal plain in india is highly stable as like the peninsular plateau which include eastern coastal plain and western coastal plain

2.Andaman and Nicobar island is a continuation of Arakan Yoma

3.Barren Island in the andaman and nicobar is the only active volcano

Which of the following statement is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: All the three statements are correct

D: None of the statement is correct

Aspire IAS

The name associated with excellence

'SAMADHAN' Prelims Test SERIES 2024

6: The tropic of cancer did not cut through which of the following state in India

1. West Bengal
2. Chhattisgarh
3. Odisha
4. Bihar
5. Manipur
6. Tripura

Choose the following correct options

- A: 1,3,5,6
B: 3,4,5
C: 1,2,3,4,5,6
D: 2,3,5,6

7: Arrange the following Indian cities from north to south:

1. Chennai
2. Bengaluru
3. Ujjain
4. Jamshedpur

Select the correct answer using the code given below.

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

8: In the context of Rock System in India, consider the following statement

1. Dharwar rock system are the oldest metamorphosed rocks which possess valuable minerals like iron-ore, manganese and uranium
2. Purana rock system has been divided into Cuddapah and Vindhyan rock system famous for copper, cobalt and nickel
3. Majority of Dravidian rock system are found in peninsular India while compare to extra-peninsular India.

Which of the following statement is/are correct ?

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

9: Consider the following statement

1. The formation of coal has been taken place in the carboniferous period
2. The high quality of coal can be found in Great lake Region of USA and Russia
3. USA has the highest coal reserve followed by Australia and Russia

Which of the following statement is/are correct ?

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

10: In the context of coal in India, consider the following statement

1. India has the Second-largest coal reserves in the world and fifth-largest producer of coal in the world, after China.
2. Non-coking coal is the type of coal that is used to produce coke, while coking coal is used for other purposes, such as power generation.
3. Coking coal contains high carbon and has less moisture, less sulphur, and less ash while the sulphur content of non-coking coal is high.

Which of the following statement is/are correct ?

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

11: Consider the following statement

1. India import its maximum coal from Australia followed by Indonesia
2. The largest reserve of coal in India is found in Jharkhand followed by West Bengal and Odisha
3. The Deucha-Pachami-Dewanganj-Harinsinga coal block is the world's second-largest coal block and the largest in India.
4. Jharia (JH) is the largest coal mining fields in India, followed by Raniganj (WB).

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

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

12: In the context of continent of the world, consider the following statement

1. The continent of Asia is situated entirely in the northern hemisphere
2. Asia is separated from Europe by the Ural mountain, from Africa by the Red Sea and from North America by Bering Strait.
3. The highest point of Asia is Mount Everest in Nepal and the lowest point is Dead Sea in Palestine

Which of the following statement is/are correct ?

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

13: Consider the following statement

1. Central Asian country consist of Kazakhstan, Tajikistan, Turkmenistan and Kyrgyzstan
2. Great Siberian plain is extends between the Ural Mountain in the west and river Lena in the east
3. Verkhoyansk Range lies to the east of the Lena river separates central Siberian plateau from the eastern Siberian region.

Which of the following statement is/are correct ?

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

14: Consider the following statement

1. Loess Plateau is surrounded by great plain in the east Qining mountains in the north and Ordos plateau in the south
2. Shan Plateau lies between Pegu Yoma and Arkan Yoma in western part of Myanmar
3. Armenian plateau is in between Caspian and Black Sea
4. Ladakh Plateau is between Karakoram and Zaskar mountain ranges.

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

15: In the context of plateau, consider the following line

It is lying to western part of U.S.A and It is the largest plateau in America. This plateau is an example of intermontane plateau. Mesas and buttes are found here at many places. The plateau is also known for the groundwater which is under positive pressure and causes the emergence of springs called Artesian wells.

Choose the following correct plateau from the options

- A: Columbia – Snake Plateau
- B: Deccan Plateau
- C: Mascarene Plateau
- D: Colorado Plateau

16: In the context of mountain knot, consider the following statement

1. Pamir Knot is the junction of five mountain ranges they are the Sulaiman, the Hindu Kush, the Kunlun, the Karakoram, and the Himalayan ranges.
2. Armenian Knot is connected to the Pamir Knot by the Elburz and the Zagros Ranges that originate in the Armenian Knot.

Choose the following correct options

- A: Only statement 1 is correct
- B: Only statement 2 is correct
- C: Both statement 1 and 2 is correct
- D: Neither statement 1 Nor 2 is correct

17: In the context of soil, consider the following statement

1. Terracing is a method of soil conservation used to reduce the impact of wind and water on bare soil
2. The red soil of India has been formed due to the weathering of sandstone and quartzite in areas of high rainfall.

Choose the following correct options

- A: Only statement 1 is correct
- B: Only statement 2 is correct

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

C: Both statement 1 and 2 is correct
D: Neither statement 1 Nor 2 is correct

18: Consider the following statement regarding soils:

1. Generally, plants grow well in mild alkaline soil.
2. Adding sulfur to the soil reduces the alkalinity of the soil.
3. Black soils are well aerated but poor in the water holding capacity.
4. Maximum humus content is found in the subsoil region due to dead and decaying organisms.

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

19: Which of the following are considered natural mechanisms responsible for climate change?

1. Sunspots causing the difference in solar radiation
2. Variations in distance and tilt of Earth with respect to the Sun
3. Major volcanic eruption
4. Changes in magnetic field strength of Earth.

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

20: 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
- C. Three statements are correct
- D. All the statements are correct

21: 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

22: In the northern hemisphere, the longest day of the year normally occurs in the:

- (a) First half of the month of June
- (b) Second half of the month of June
- (c) First half of the month of July
- (d) Second half of the month of July

23: "System of Rice Intensification" of cultivation, in which alternate wetting and drying of rice fields is practiced, results in:

1. Reduced seed requirement
2. Reduced methane production
3. Reduced electricity consumption

Which of the following statement is/are correct ?

- A. Only one statement is correct
- B. Two statements are correct
- C. All the three statements are correct
- D. None of the statement is correct

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

24:How is permaculture farming different from conventional chemical farming?

1. Permaculture farming discourages monocultural practices but in conventional chemical farming, monoculture practices are predominant.
2. Conventional chemical farming can cause increase in soil salinity but the occurrence of such phenomenon is not observed in permaculture farming.
3. Conventional chemical farming is easily possible in such regions.
4. Practice of mulching is very important in permaculture farming but not necessarily so in conventional chemical farming.

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

25: With reference to 'palm oil', consider the following statements:

- (a) The palm oil tree is native to Southeast Asia.
- (b) The palm oil is a raw material for some industries producing lipstick and perfumes.
- (c) The palm oil can be used to produce biodiesel.

Which of the following statement is/are correct ?

- A. Only one statement is correct
- B. Two statements are correct
- C. All the three statements are correct
- D. None of the statement is correct

26:In the context of Deep Water Circulation ,consider the following statement

- 1.Global overturning circulation (GOC) is the equatorward transport of cold, deep waters and the poleward transport of warm, near-surface waters.

2.The Global Thermohaline Circulation (THC) is a constantly moving system of deep-water circulation driven by temperature (thermo) and salinity (haline) ,which is also known as global ocean conveyor belt and Meridional Overturning Circulation.

3.Deep water formation is an important feature of the thermohaline circulation (THC).

Which of the following statement is/are correct ?

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

27:In the context of International year of millets ,consider the following statement

- 1.Millet is grown in tropical and subtropical region with mean temperature range of 26-29 deg C and moderate rainfall of 50-60cm in alluvial,loamy and black soil.
- 2.Millets are anti acidic; gluten-free; Helps to prevent type 2 diabetes; are effective in reducing blood pressure
- 3.India, Nigeria and China are the largest producers of millet in the world.
- 4.Millet is also critical for climate change as well as production of Bioethanol.

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

28: Consider the following statements:

1. Millets production in India has doubled in the last decade.
2. Maize production in India contributes about half of the total nutri or coarse cereals.
3. India's major millets include sorghum, pearl millet and finger millet.
- 4.Madhya pradesh is the largest prodoucer of millets followed by Rajasthan and Andhra pradesh .

Which of the following statement is/are correct

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

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

29:In the context of Sinking Joshimath,consider the following statement

1. Alaknanda and Bhagirathi meet at the confluence of Devprayag overlooking the town of Joshimath.
- 2.Blocking of natural flow of water is one of the main cause of sinking joshimath
- 3.Tapovan Vishnugad Hydropower Plant is a run- of-river hydroelectric project being constructed on Dhauliganga River in Himachal pradesh

Which of the following statement is/are correct ?

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

30:In the context of Indian Skimmer ,consider the following statement

- 1.Godavari estuary in Tamil Nadu has become a prime and safe habitat for the Indian skimmer
- 2.the Indian skimmer is found in the coastal estuaries of western and eastern India and its IUCN status is endangered
- 3.Habitat degradation, excessive and widespread increases in disturbances near the rivers.

Which of the following statement is/are correct ?

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

31:In the context of cold wave,consider the following statement

- 1.A cold wave is characterized by a sharp drop in air temperature near the surface, leading to extremely low values.

2.Cold Wave is considered when minimum temperature of a station is 10°C or less for plains and 0°C or less for hilly regions.

3.Cold waves in india are caused by Western Disturbances as well as high-pressure systems over the north-central parts of India, which cause a drop in temperature.

Which of the following statement is/are correct ?

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

32:In the context of MISHTI,consider the following statement

- 1.It stands for Mangrove Initiative for Shoreline Habitats & Tangible Incomes.
- 2.It will facilitate mangrove plantations along India's coastline and on salt-pan lands.
- 3.India joined the "Mangrove Alliance for Climate" launched during the UNFCCC COP27 to educate and spread awareness worldwide on the role of mangroves in curbing global warming and its potential as a solution for climate change.

Which of the following statement is/are correct ?

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

33:Consider the following statement

- 1.In the recent study it has been found that the Brahmaputra basin, shows more groundwater level reduction than the Ganga and Indus basins.
- 2.Ganga Basin is the longest river basin in the country which outspreads in India, Tibet (China), Nepal and Bangladesh.
- 3.Ganga Basin is bounded by the Himalayas in the north, the Aravalis in the west, the Vindhyas and the Chotanagpur Plateau in the south, and the Brahmaputra ridge in the east.

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

4.the Ganga has 11 basin states/UT – Uttar Pradesh, Madhya Pradesh, Rajasthan, Bihar, West Bengal, Uttarakhand, Jharkhand, Haryana, Chhattisgarh, Himachal Pradesh and Delhi.

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:In the context of River cities Alliance ,Consider the following statement

1. It is a platform for river cities in India to discuss and exchange information for sustainable management of urban rivers currently has 95 cities as members across India
- 2.It symbolizes the successful partnership of the two Ministries i.e., Ministry of Jal Shakti and Ministry of rural development .
- 3.DHARA(Driving Holistic Action for Urban Rivers)the annual meet of the River Cities Alliance members organized by the National Mission for Clean Ganga (NMCG)

Which of the following statement is/are correct ?

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

35:In the context of Zaid crop,consider the following statement

- 1.Zaid season is a short season during the summer months. which requires hot, dry weather as a critical growth period
- 2.Watermelon, cucumber, muskmelon, pumpkin, lentils are a few examples of Zaid crops
- 3.It is cultivated in majority of the northern and northwestern states, including Gujarat, Haryana, Punjab, Uttar Pradesh, and Punjab
- 4.The Zaid Crops are raised between the Rabi and Kharif Seasons in agricultural cycles

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

36:In the context of cocoa crop,consider the following statement

- 1.Local storms of a hot weather season in India help in the growth of cocoa crops
- 2.India is self-sufficient in the cocoa production
3. Andhra Pradesh ranks first in cocoa cultivation in terms of productivity.
- 4.Cocoa is a tropical crop, majorly cultivated in the equatorial type climate.

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

37:Consider the following statement

- 1.As one moves from Equator towards Poles, one will observe Decrease in distance between longitudes and Increase in altitude
- 2.Spring tides are formed during the syzygy position of the Sun, Earth and Moon, which happens during the time of the eclipse.

Choose the following correct options

- A: Only statement 1 is correct
- B:Only statement 2 is correct
- C:Both statement 1 and 2 is correct
- D:Neither statement 1 Nor 2 is correct

38:Arrange the following cities in descending order based on the length of the days during Summer in the Northern Hemisphere:

1. Canberra
2. Oslo
3. San Francisco
4. Chennai
5. Kalimantan

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

Select the correct answer using the code given below:

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

39:In the context of vegetation ,consider the following statement

- 1.Tropical evergreen forests are rich in fertile soils, which helps in the luxurious growth of tropical rainforests.
- 2.In india mangrove forest is maximum in west bengal
- 3.In world the maximum mangroves forest are in asia followed by africa

Which of the following statement is/are correct ?

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

40:With reference to Karewas formation, which of the following statements is correct?

- (a) They are found in the north eastern region of India.
- (b) They are thick deposits of alluvial deposits brought down by the rivers.
- (c) They are useful for the cultivation of zafran a local variety of saffron.
- (d) All of the statements given above are correct.

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

- 1.Troposphere is the lowermost layer of the atmosphere and all the climatic and weather changes take place in this layer of the atmosphere.
- 2.Oxygen become negligible beyond the height of 120km from the surface of earth
- 3.Carbon dioxide accounts for less than 1 per cent of the total volume of the atmosphere.

Which of the following statement is/are correct ?

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

42:In this layer, temperature decreases with increasing altitude and drops down to minus 100°C at the height of 80 km. Meteorites burn in this layer on entering the atmosphere from outer space. this layer of the atmosphere is extends up to a height of 80 km.

Choose the correct atmosphere layer

- A:Troposphere
- B:Thermosphere
- C:Mesosphere
- D:Exosphere

43:Which of the following is/are responsible for the occurrence of solar and lunar eclipses?

1. Revolution of the moon around the Earth close to the earth ecliptic plane.
2. The proximity between the moon and the Earth.
3. The relative apparent size of the Sun and the moon.

Which of the following statement is/are correct ?

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

44:Consider the following statements regarding the Himalayan range:

1. The inner Himalayas are known as Himadri or Great Himalayas.
2. Kanchenjunga, the highest peak in India is part of Inner Himalayas range.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

(d) Neither 1 nor 2

45: With reference to pulse production in India, consider the following statements:

1. Black gram can be cultivated as both kharif and rabi crops.
2. Green-gram alone accounts for nearly half of pulse production.
3. In the last three decades, while the production of kharif pulses has increased, the production of rabi pulses has decreased.

Which of the following statement is/are correct ?

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

46: Consider the following minerals:

- 1 Bentonite
- 2 Chromite
- 3 Kyanite
- 4 Sillimanite

In India, which of the above is/are officially designated as major minerals?

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

47: With reference to the management of minor minerals in India, consider the following statements:

1. Sand is a 'minor mineral' according to the prevailing law in the country.
2. State Governments have the power to grant mining leases of minor minerals, but the powers regarding the formation of rules related to the grant of minor minerals lie with the Central Government.
3. State Governments have the power to frame rules to prevent illegal mining of minor minerals.

Which of the following statement is/are correct ?

- A: Only one statement is correct

- B: Two statements are correct
C: All the three statements are correct
D: None of the statement is correct

48: What is common to the places known as Aliyar, Isapur and Kangsabati?

- (a) Recently discovered uranium deposits
(b) Tropical rain forests
(c) Underground cave systems
(d) Water reservoirs

49: In the context of Dams, consider the following statement

1. The longest dam in India is the Hirakund dam in the state of Odisha
2. The oldest dam in India is the Theri dam in the state of Uttarakhand
3. The highest dam in India is the Kallanai Dam in the state of Tamil Nadu
4. The Bhakra Nangal Dam is located across the Ravi river in Himachal Pradesh and it is the second-highest and the largest dam in 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

50: In the context of reservoir, consider the following statement

1. Balimela Reservoir is on Sileru River in the state of Odisha
2. Manimuthar Reservoir is on Tamirabarani river in the state of Tamil Nadu
3. Stanley Reservoir is on Kaveri river in the state of Tamil Nadu

Which of the following statement is/are correct ?

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

51: Consider the following statement

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

1.The availability of coal over the earth only belong to carboniferous period
 2.The good amount of coal field are also available in temperate russia and europe
 3.In australia,the south eastern and south western part are important for coal reserves
Which of the following statement is/are correct ?

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

52:In the context of river in india ,consider the following sttement

- 1.Chenab river drains greater Himalayas and pir panjal ranges
 2.Shyok river is between ladakh and zaskar before meeting the indus
 3.Kisan ganga is draining north of jhelum through pir panjal ranges

Which of the following statement is/are correct ?

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

53:Recognise the following

- 1.Vegetation is short with thick short leaves
 2.The region is receiving more winter rainfall while compare to summer rainfall
 3.people are practicing the commercial type of agriculture

choose the correct option

- A:Savanna graslands
 B:Mediterranean type
 C:East coast type
 D:Western Europe type

54:Consider the following statement

- 1.The average mean annual temperature of hyderabad is lower than pune city
 2.The average annual mean rainfall of Bangalore is more than ranchi city

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

55:In the context of Artic region,consider the following statement

- 1.The artic region over the earth is characterised by good population of rhododendron and junipers
 2.Artic region is good source for gas hydrates,oil and natural gas
 3.A good amount of phytoplankton are responsible behind rich marine ecosystem particularly walrus,seals and artic fox

Which of the following statement is/are correct ?

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

56:Consider the following statements with reference to the Indus river basin in India:

1. The principal tributaries of the Indus, namely the Jhelum, Chenab, Ravi, Beas and Sutlej form the left bank tributary to the river.
 2. India has restricted use over the waters of the Indus, Jhelum and Chenab waters.
 3. It is bounded on the west by the Karakoram and Haramosh ranges and on the east by the Sulaiman and Kirthar ranges

Which of the following statement is/are correct ?

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

57:With references to India, 'Kantu', 'Kakni', 'Ghugri', and 'Sukri' are the names of?

- (a) Small rivers
 (b) Saline lakes
 (c) Mangrove areas
 (d) Water reservoirs

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

D: None of the statement is correct

58: Consider the following statements:

1. It is bounded by the Yamuna river in the north and the Vindhyan mountain in the south.
2. Diamond is found in the Vindhyan formations of this region.
3. Recently declared, Ranipur Tiger Reserve is found in this region.

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

- (a) The Malwa Plateau
- (b) The Bundelkhand Plateau
- (c) The Chotanagpur Plateau
- (d) The Meghalaya Plateau

59: Consider the following pairs:

- | Peaks | Hills |
|-----------------|--------------------|
| 1. Dhupgarh - | Satpura |
| 2. Norkek - | Mikir |
| 3. Mulangiri - | Baba-Budan |
| 4. Amarkantak - | Harischandra Range |

How many pairs given above is/are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) All four pairs

60: Consider the following statements with reference to the livestock Population of India :

1. In India, Exotic breeds dominate the Indigenous breed in the cattle population.
2. Aseel, Chittagong, Kadaknath and Bursa are the only pure Indian breeds of Chicken available at present in India.
3. Rinderpest and Pleuro pneumonia are the major diseases that are affecting the prospects of the Indian Poultry industry.

Which of the following statement is/are correct ?

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

61: Consider the following statement

1. The formation of Rajmahal trap was earlier than formation of charconites and chondalities
2. Cretaceous period was associated with the formation of Deccan lava Trap Vis-a-Vis black soil

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

62: Identify the methods associated with soil conservation in India

1. Contour bunding
2. Relay cropping
3. zero ploughing
4. Afforestation

Choose the correct option

- A: 1 and 4
- B: 1, 3 and 4
- C: 1, 2 and 4
- D: 1, 2, 3 and 4

63: Consider the following statement

1. Betwa river meets with Yamuna river before Gomti meets with Ganga
2. Son river meets with Ganga river before Gandak river

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

64: A person is moving from Bhopal to Chennai, How many minimum states a person can pass through if he is moving via Highway?

- A: Three state
- B: Four state
- C: Five state
- D: Six state

Aspire IAS

The name associated with excellence

'SAMADHAN' Prelims Test SERIES 2024

65: Which of the following statement is/are correct about Andhra pradesh(AP)

1. Andhra pradesh represent both emergent and submergent coast
2. Andhra pradesh is having a good reservoir of oil, natural gas and shale gas
3. Andhra pradesh is India largest producer of mica, asbestos and fire clay
4. Andhra pradesh in India is having largest number of bird sanctuaries

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

66: This soil develops on crystalline igneous rocks in areas of low rainfall in the southern and eastern parts of the Deccan Plateau. They are normally fertile, whereas in dry upland areas the soil has poor fertility due to coarse-grained structure. They are generally poor in humus, phosphorus, and nitrogen.

The above-mentioned paragraph refers to

which of the following soils?

- (a) Black soil
- (b) Laterite soil
- (c) Red and Yellow soil
- (d) Alluvial soil

67: Consider the following statements:

1. India accounts for more than twenty percent of the world's land surface area.
2. It is the seventh-largest country in the world on the basis of area.
3. The latitudinal and longitudinal extent of India is roughly 60 degrees.

Which of the following statement is/are correct ?

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

- C: All the three statements are correct
- D: None of the statement is correct

68: Consider the following features of the Indian Peninsular block:

1. It was formed majorly out of ancient gneisses and granites.
2. The Thar desert in the west and Karbi Anglong plateau in the east are extensions of it.

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

69: With reference to Sheet Erosion, consider the following statements:

1. It takes place on level lands after a heavy shower.
2. It removes the finer and more fertile topsoil.
3. It leads to the formation of badland topography.

Which of the following statement is/are correct ?

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

70: Consider the following statements regarding alluvial soils:

1. Bhangar is old alluvium and is composed of calcareous deposits called kankar.
2. Khadar is younger deposits of the flood plains and is fertile.

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

71: In the context of river basin, consider the following statement

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

1. The river basin area of Godavari is more than Indus

2. The river basin area of Narmada is providing the drainage to four Indian states

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

72: Consider the following statement

1. Still the Himalaya height are increasing because earth is maintaining isostatic force

2. Isostatic forces are also resulted into earthquake especially in Himalayas

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

73: In the context of Himalayan, consider the following statement

1. All the Himalayan ranges were originated with the help of same process during same period of time

2. Greater Himalayas are having good potential of Metallic minerals and renewable energy mainly geothermal energy

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

74: Consider the following statement

1. Himalayas are passing through 5 countries with the highest peak in Nepal

2. The landmass of peninsular India is more than that the landmass of non-peninsular

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

75: 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 following statement is/are correct ?

A: Only one statement is correct

B: Two statements are correct

C: All the three statements are correct

D: None of the statement is correct

76: Match the following:

Tectonic plate	Location
1. Caroline plate -	between Philippine and Indian plate
2. Nazca plate -	between Central America and Pacific plate
3. Scotia plate -	between South Africa and the Antarctic plate
4. Cocos plate -	between South America and the Pacific plate
5. Philippine plate -	between the Eurasian plate and Pacific plate

How many pairs given above is/are correctly matched?

- (a) Only one pair
- (b) Only two pairs
- (c) Only three pairs
- (d) No pair

77: This type of climate is found in the temperate regions of the world, and it is characterized by warm moist summers and cool, dry winters. The mean monthly temperature is between 40 degrees F and 78 degrees F and has a strong maritime influence. The region has well-distributed rainfall with

Aspire IAS

The name associated with excellence

'SAMADHAN' Prelims Test SERIES 2024

thunderstorms in summer with the occasional occurrence of Tornadoes. The region exhibits monsoonal characteristics with more than 200 frost-free days, and the abundant moisture favors the cultivation of cotton and maize. On the highlands, conifers such as pines and cypresses are important softwoods. It is also called a slight monsoonal type of climate. Which one of the following types of climate best describes the above passage?

- (a) Laurentian type climate
- (b) British type climate
- (c) Gulf type climate
- (d) Steppe type climate

78:Consider the following statements:

1. Uranus and Neptune are called the Twin Planets of our Solar system.
2. Jupiter's moon Ganymede is the largest moon in our solar system, bigger than the Pluto
3. Venus is the hottest planet in our solar system.

Which of the following statement is/are incorrect ?

- A:Only one statement is incorrect
- B:Two statement are incorrect
- C:All the three statement are incorrect
- D:all of the statement is correct

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:Why are the Major hot deserts in the northern Hemisphere located between 20-30 degrees north and on the western side of the continents?

1. The incidence of warm currents along the western coastal regions causes the onshore winds dry.
 2. The relative humidity is extremely high, making condensation almost impossible.
- 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

81:Find the following forest

- 1.These forest extend between 5 deg north and 5 deg south of the equator
 - 2.This forest is also know as Selvas in the amazon basin
 - 3.Trees in these forest compete with each other for sunlight
 - 4.scatter of trees of one specie over a wide area is common problem in these region
- choose the following option**
- A:Temperate Deciduous hardwood forest
 - B:Equatorial forest
 - C:Temperate coniferous softwood forest
 - D:Monsoon forest

82:In the context of temperate deciduous ,consider the following statement

- 1.Trees of these forest shed their leaves at the onset of the summer and remain without leaves throughout the winter
- 2.Importan trees of these forest are oak, chestnut,rosewood and ebony
- 3.The wood of these forest are mainly use in ship-building industry
- 4.These forest are mainly found in western europe , central america and korea

Which of the following statement is/are correct

- A. Only one statement is correct

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

- B. Two statements are correct
C. Three statements are correct
D. All the statements are correct

83:In the context of Pigmyes tribe,consider the following statement

- 1.Pigmy is a tribe living in the dense forest of central europe.
- 2.pigmyes are of short height and dark complexion with black and wooly hair.
- 3.Major occupations of pigmyes are gathering and hunting.

Which of the following statement is/are correct ?

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

84:This tribe was originally founded by a man named Gikuyu and They use the hides from the cattle to make bedding, sandals, and carrying straps and they raise the goats and sheep to use for religious sacrifices and purification , in this tribe The girls are raised to work in the farm and the boys usually work with the animals as well as in this tribe culture family identity is carried on by naming the first boy after the father's father and the second after the mother's father

Identify the correct Tribes

- A:FULANI
B:DOGON
C:MAASAI
D:KIKUYU

85:In the context of Lumbering ,consider the following statement

- 1.Lumbering in canada is highly mechanised and it is done from the pacific coast inthe west to the atlantic coast in the east
- 2.Lumbering is more important in the western part of siberia than its eastern part
- 3.In canada the lumbering is mainly done in the summer season

Which of the following statement is/are correct ?

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

86:In the context of fish,consider the following statement

- 1.Demersal fish are light loving fish that are found near the ocean surface
2. pelagic fish are found near the ocean bottom and in this zone water is cold and there is no light
- 3.The example of Demersal fish are halibut,flounders and the example of pelagic fish are tuna salmon and pilcard

Which of the following statement is/are correct ?

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

87:Consider the following statement

- 1.India is the third-largest fish producer and the second-largest aquaculture producer globally,
- 2.West Bengal is the largest producer of fish in India followed by Andhra Pradesh.
- 3.Rising sea temperatures, ocean acidification, and changing currents have a profound impact on marine ecosystems and fish populations.

Which of the following statement is/are correct ?

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

88:Consider the following statements regarding the National Monsoon Mission.

1. The monsoon mission was launched by IMD to develop a state-of-the-art dynamical prediction system for monsoon rainfall on different time scales.

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

2. The system is capable of delivering Single time scale predictions annually.

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

89: Consider the following statements with respect to Isotherms:

- 1. Lines joining places having equal temperature are called isotherms.
- 2. Isotherms in both hemispheres are always parallel to the latitudes.
- 3. Isotherms are more closely spaced over sea than over land.

Which of the following statement is/are correct ?

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

90: Consider the following statements:

- 1. A Cloud burst is a short-duration, intense rainfall event in a specific region with precipitation exceeding 100mm/hr.
- 2. The state of global climate report by WMO highlights the global mean temperature for 2021 was about 1.5°C above the 1850-1900 average.

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

91: With reference to Karewas formation, which of the following statements is correct?

- (1) They are found in the north eastern region of India.
- (2) They are thick deposits of alluvial deposits brought down by the rivers.

(3) They are useful for the cultivation of zafran a local variety of saffron.

Which of the following statement is/are correct ?

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

92: "A geographic region is characterised by Cloudiness and heavy precipitation with high levels of humidity throughout the year. It has no distinct winter season and uniform temperature range throughout the year and Mahogany and Ebony trees are important vegetation of this region".

Which of the following geographical region has been described in the passage given above?

- (a) Central Asian region
- (b) Equatorial region
- (c) Atlantic Coast of North America
- (d) Mediterranean region

93: Which of the following UNESCO Biosphere Reserve is the source of three major river systems: the Narmada, the Johilla and the Son River?

- (a) Pachmarhi
- (b) Achanakmar-Amarkantak
- (c) Agasthyamalai
- (d) Similipal

94: Which of the following statements with regard to the ozone layer is not correct?

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

Aspire IAS *The name associated with excellence*

'SAMADHAN' Prelims Test SERIES 2024

95: Consider the following statements.

1. Aravalli is one of the oldest fold mountains in the world.
2. Unlike the Himalayas, the Rocky Mountains are formed by ocean-continent convergence.
3. Mt. Blanc is the highest peak in the Andes.

Which of the following statement is/are correct ?

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

96: 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

97: Consider the following pairs:

Drainage	pattern
Characteristic	

1. Dendritic : The river originate from a hill and flow in all directions.
2. Centripetal : The river discharge their waters from all directions in lake or depression.
3. Trellis : The primary tributaries of rivers flow parallel to each other and secondary tributaries join them at right angles.

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

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

98: 'Duns' or 'Doons' formations are the characteristic feature of which part of the Himalayas?

- (a) Darjeeling and Sikkim Himalayas
- (b) Arunachal Himalayas
- (c) Eastern Hills and Mountains
- (d) Himachal and Uttaranchal Himalayas

99: Which of the following can be attributed to the passing of Tropic of Cancer roughly through the central part of India?

1. As compared to northern India, southern India experiences high temperatures throughout the year with small daily and annual range.
 2. Entire India observes overhead sun on the summer solstice of the 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

100: Consider the following statements about the Lakshadweep group of islands:

1. They are made up of coral deposits.
2. They are located off the coast of Tamil Nadu.
3. These islands are divided by the 10- degree channel.

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

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

Aspire IAS

The name associated with excellence