

“Yes, We Can”

INDIAN IAS ACADEMY

Booklet Series **A**

Register Number

2018

TEST - 1 - GEOGRAPHY

Time Allowed : 2.00 Hours

Maximum Marks : 200

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS

- 1.This Booklet has a cover (this page) which should not be opened till the invigilator gives signal to open it at the commencement of the examination. As soon as the signal is received you should tear the right side of the booklet cover carefully to open the booklet. Then proceed to answer the questions.
- 2.This Question Booklet contains **100** questions.
- 3.Answer **all** questions. **All** questions carry equal marks.
- 4.The Test Booklet is printed in *four series* e.g. AB CorD (See Top left side of this page). The candidate has to indicate in the space provided in the Answer Sheet the series of the booklet. For example, if the candidate gets [A] series booklet, he/she has to indicate in the side 2 of the Answer Sheet with Blue or Black Ink Ball point pen.
- 5.You must write your Register Number in the space provided on the top right side of this page. Do not write anything else on the Question Booklet.
- 6.An Answer Sheet will be supplied to you separately by the Invigilator to mark the answers. You must write your Name, Register No. and other particulars on side 1 of the Answer Sheet provided, failing which your Answer Sheet will not be evaluated.
- 7.You will also encode your Register Number, Subject Code etc., with Blue or Black ink Ball Point, Pen in the space provided on the side 2 of the Answer Sheet. If you do not encode properly or fail to encode the above information, your Answer Sheet will not be evaluated.
- 8.Each question comprises *four* responses (A), (B), (C) and (D). You are to select **ONLY ONE** correct response and mark in your Answer Sheet. In case you feel that there are more than one correct response, mark the response which you consider the best. In any case. choose **ONLY ONE** response for each question. Your total marks will depend on the number of correct responses marked by you in the Answer Sheet.
- 9.In the Answer Sheet there are four brackets [A] [B] [C] and [D] against each question. To answer the questions you are to mark with Ball point pen **ONLY ONE** bracket of your choice for each question. Select one response for each question in the Question Booklet and mark In the Answer Sheet. If you mark more than one answer for one question, the answer will be treated as wrong.
- 10.You should not remove or tear off any sheet from this Question Booklet. You are not allowed to take this Question Booklet and the Answer Sheet out of the Examination Hall during the examination. After the examination is concluded you must hand over your Answer Sheet to the Invigilator. You are allowed to take the Question Booklet with you only after the Examination is over.
- 11.The sheet before the last page of the Question Booklet can be used .for Rough Work.
- 12.Failure to comply with any of the above instructions will render you liable to such action or penalty as the Commission may decide at their discretion.
- 13.For Question Nos. 1 to 100 in all matters and in cases of doubt, the English Version is final.
- 14.Do not tick-mark or mark the answers in the Question Booklet.

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- 1) Consider the following statement regarding Desert
1. Rainfall is less than 50 mm
 2. Soil is poor in nutrients with little or no organic matter
- Select the correct statements from the above,
- a) 1 only b) 2 only
c) Both d) None
- 2) With respect to “Brahmaputra river system” Which among the following statement is correct.
- a) It is slightly smaller than the Indus, and most of its course lies outside India.
 - b) On reaching the Nanga parbat, it takes a ‘U’ turn and enters India in Arunachal Pradesh through a gorge.
 - c) The Brahmaputra rises in Tibet west of Mansarowar lake very close to the sources of the Indus and the Satluj.
 - d) It meets River Meghna and River padma in Bangladesh, where the three rivers come together to form the largest delta in the world
- 3) It rises in the highlands of Chhattisgarh. It flows through Odisha to reach the Bay of Bengal. The length of the river is about 860km. Its drainage basin is shared by Maharashtra, Chhattisgarh, Jharkhand and Odisha.
- a) The Narmadha Basin
 - b) The Mahanadhi Basin
 - c) The Godavari Basin
 - d) The Tapi Basin
- 4) “Katabatic wind” refers to,
- a) Cool air from the valley blows up the valley.
 - b) Warm air of the high plateaus and ice fields draining into the valley
 - c) Cool air of the high plateaus and ice fields draining into the valley
 - d) Warm air from the valley blows up the valley.
- 5) Assertion(A): People of Mumbai and the Konkan coast have experienced hardly extremes of temperature.
Reason(R): Large coastal areas have an equable climate.
- a) A is correct, and R is an appropriate explanation of A.
 - b) A is correct, but R is not an appropriate explanation of A.
 - c) A is incorrect, but R is correct.
 - d) A is incorrect, but R is correct.
- 6) Consider the following statements
1. In summer, the mercury occasionally touches 50°C in some parts of the Rajasthan desert, whereas it may be around 20°C in Pahalgam in Jammu and Kashmir.
 2. On a winter night, temperature at Drass in Jammu and Kashmir may be as low as minus 45°C.
- Select the correct statements from the above,
- a) 1 only b) 2 only
c) Both d) None
- 7) **Match the Following:**
- | | |
|---------------|---|
| A. Geysers | - 1. Horizontal intrusion of magma in bedding planes of Sedimentary rocks. |
| B. Dykes | - 2. Superheated steam emitted out of surface like an explosion. |
| C. Hot Spring | - 3. Heated water seeps inside earth surface, dissolves mineral and gain medicinal value. |
| D. Sills | - 4. Vertical narrow walls of igneous rocks within the sedimentary layers. |
- Choose the correct from below:
- a) 2 4 3 1 b) 2 1 3 4
c) 3 4 1 2 d) 3 1 2 4

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8) Consider the following statements regarding Cleaning of Yamuna River

1. Conservation of river is collective effort of the Central and State Governments.
2. Central Pollution Control Board (CPCB) monitors the water of river Yamuna at various locations from Yamunotri to Allahabad.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

9) Consider the following statements regarding Indus River System

1. The river Indus rises in Tibet, near Lake Mansarowar.
2. Several tributaries, the Zaskar, the Nubra, the Shyok and the Hunza, join it in the Himachal Pradesh region.
3. The Indus flows through Baltistan and Gilgit and emerges from the mountains at Attock.

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3 only d) All the above

10) Consider the following Pairs:

1. Corbett National Park – Uttarakhand
2. Bandhavgarh National Park – Andhra Pradesh
3. Sariska Wildlife Sanctuary – Rajasthan
4. Manas Tiger Reserve - Assam
5. Periyar Tiger Reserve - Tamilnadu

Which among the following pairs correctly matched.

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

11) Consider the following statements regarding situation on 21st June

1. The Southern Hemisphere is tilted towards the sun.
2. The places beyond the Antarctic Circle experience continuous daylight for about six months.
3. Northern Hemisphere experiences longest day and shortest night.

Select the correct statements from the above,

- a) 1&2 only b) 1 only
c) 3 only d) All the above

12) Consider the following statements:

1. The world's highest peaks are located in Himadri range of Himalayas.
2. Many popular hill stations of India is situated in Shiwalik range of Himalayas.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

13) Consider the following statements:

1. The internal process of the earth leads to the continuous wearing down and rebuilding of the land surface
2. The external process of the earth leads to the upliftment and sinking of the earth's surface at several places.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

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14) Consider the following statements about 'loo'

1. It is one of the local wind in India.
2. It is a cold and dry wind
3. It blows during the night time only

Select the Correct statement(s) from the above

- a) 1 Only b) 1 & 2
c) 1 & 3 d) All the above

15) Consider the following statements regarding Tropical Rain Forests in India

1. These forest trees shed their leaves at different times of the year.
2. Important trees found in these forests are mahogany, ebony and rosewood.
3. Andaman and Nicobar Islands, parts of North-Eastern states and a narrow strip of the Western slope of the Western Ghats are home of these forests.

Select the correct statement(s) from the above

- a) 1 Only b) 2 Only
c) 2 & 3 d) All the above

16) Consider the following statements:

1. Some birds such as the Pelican, Siberian Crane, Stork, Flamingo, Pintail Duck and Curlew migrate to our country in the monsoon season every year.
2. The Arctic tern has the longest migration of any bird in the world.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

17) Consider the following statements regarding “Photochemical smog”

1. It is the chemical reaction of sunlight, nitrogen oxides and volatile organic compounds in the

atmosphere, which leaves airborne particles and ground-level ozone.

2. It is therefore considered to be a problem of modern industrialization.

3. It is most common in cities with rainy, cool dry climates

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3 only d) All the above

18) Consider the following Statements,

1. Kerala, Tamil Nadu have large percentages of reserved forests of its total forest area.

2. Haryana, Punjab have a bulk of it under protected forests.

3. All Northeastern have a very high percentage of their forests as unclassed forests managed by local communities.

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3 only d) All the above

19) Consider the following statements :

1. Salinity, increases with depth
2. Halocline is a distinct zone, where salinity decreases sharply

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

20) Consider the following statement

1. The precipitation exceeds evaporation in the Bay of Bengal whereas evaporation exceeds precipitation in the Arabian Sea

2. Generally, Arabian Sea is colder than the Bay of Bengal

3. Salinity of Bay of Bengal surface

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water will be lesser than that of other basin.

Select the **incorrect** statements from the above,

- a) 1 only b) 2 only
c) 3 only d) None

21) Consider the following statement

1. Peninsular rivers flow at a much slower rate than the Himalayan Rivers.
2. When the rivers originate from a hill and flow in all directions, the drainage pattern is known as ‘radial’. Eg. Amarkantak Range

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

22) Consider the following Statements,

1. All celestial bodies have their own heat and light.
2. Pole stars always remain in the same position in the sky.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

23) Consider the following statements regarding latitude and longitude,

1. The linear distance of a degree of latitude at the pole is a little longer than that at the equator.
2. The distance between line of longitude decrease as you move away from the equator

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 24) In which days neither of the poles is tilted towards the sun,
1. 21st March
2. 23rd September
3. 22nd December
4. 21st June

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 3&4 only d) 1&3 only

25) Consider the following statements:

1. A person travelling from Cape Town to Sydney will lose a day.
2. Both Longitudes and Latitudes are necessary to determine time at a location.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

26) Consider the following statements:

1. The axis of the earth which is an imaginary line makes an angle of $66\frac{1}{2}^\circ$ with its orbital plane.
2. If the earth did not rotate, life is possible only on the portion of the earth facing the sun.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

27) Consider the following statements

1. As the earth rotates from west to east, those places east of Greenwich will be ahead of Greenwich time and those to the west will be behind it.
2. The earth rotates 15° an hour or 1° in four minutes.
3. When it is 12 noon at Greenwich India will be $5\frac{1}{2}$ hour ahead of

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Greenwich time, which means 5.30 p.m.

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3only d) All the above

28)Assertion(A): Areas lying between the Arctic Circle and the North Pole in the Northern Hemisphere and the Antarctic Circle and the South Pole in the Southern Hemisphere, are very cold.

Reason(R): They above said areas covered by Ice cap.

- a) A is correct, and R is an appropriate explanation of A.
b) A is correct, but R is not an appropriate explanation of A.
c) A is incorrect, but R is correct.
d) A is correct, but R are incorrect.

29) Consider the following statements

1. The solid portion of the earth on which we live is called the Lithosphere.
2. The gaseous layers that surround the earth, is the Atmosphere
3. Hydrosphere represents water in liquid state only.
4. The Biosphere is the narrow zone where we find land, water and air together, which contains all forms of life.

Select the Correct statement(s) from the above

- a) 1 , 2 & 4 b) 1, 2 & 3
c) 1 & 4 d) All the above

30) Consider the following statements:

1. By 2025, it is predicted that large parts of India will join countries or regions having absolute water scarcity.

2. ‘Rooftop rain water harvesting’ was commonly practised to store drinking water, particularly in Rajasthan.

3. Kerala is the first state in India which has made roof top rainwater harvesting structure compulsory to all the houses across the state.

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3only d) All the above

31) The channel sections, made of bamboo, divert water to the plant site where it is distributed into branches, again made and laid out with different forms of bamboo pipes. The flow of water into the pipes is controlled by manipulating the pipe positions. The above mentioned Bamboo pipe system is Prevalent in the state of,

- a) Manipur
b) Meghalaya
c) Mizoram
d) Arunachel Pradesh

32) Consider the following statements regarding the traditional water conservation method.

1. A johad is a rainwater storage tank principally used in the south India.
2. A khadin, also called a dhora, is an ingenious construction designed to harvest surface runoff water for agriculture, practiced in Jaisalmer, Rajasthan.

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3. Panam keni, a harvesting technique uses a special type of well to store water in Tamilnadu.

Select the **incorrect** statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3only d) All the above]

- 33) Paramparagat Krishi Vikas Yojana (PKVY) related to,

- a) To initiate the e-marketing platform at national level and to support creation of infrastructure to enable e-marketing.
b) To provide comprehensive crop insurance coverage from pre-sowing to post harvest losses against non-preventable natural risks.
c) To expand cultivated area with assured irrigation, reduce wastage of water and improve water use efficiency.
d) To promote organic farming in the country.

- 34) Consider the following statements about the Sardar Sarovar Dam

1. It is the second largest in the world in terms of volume and size. It comes second to the Grand Coulee Dam in the United States, which is considered the largest going by its volume.

2. It was proposed as a multipurpose dam and was intended to be beneficial to the four states

Select the incorrect statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 35) Match the Following:

- A. Lignite – 1. Soft with high moisture content
B. Bituminous – 2. The highest quality hard coal.
C. Anthracite – 3. Most popular coal in commercial use

- D. Peat –4. An accumulation of partially decayed vegetation

Choose the correct answer:

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

- 36) Consider the following statements

1. Mineral is a heterogeneous, naturally occurring substance with a definable internal structure.

2. Rock is a combinations of homogenous substances.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 37) Consider the following statements:

1. Tertiary coals occur in the north eastern states of Meghalaya, Assam, Arunachal Pradesh and Nagaland.

2. Major resources of Gondwana coal located in Damodar Valley.

3. Digboi oil field in Assam is the first oil field in India.

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3only d) All the above

- 38) Brasilia Declaration is related to,

- a) Road Safety in which India is committed to reduce the number of road accidents and fatalities by 50% by 2020.

- b) Reduction of Climate change in which India is committed to reduce the GHG emission 33 – 35% from 2005 level by 2030.

- c) Counter terrorism

- d) None of the above

- 39) Assertion (A): Heavy industries and thermal power stations are located on or near the coalfields.

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Reason (R): Coal is a weight gaining Material.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are 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.

- 40) Consider the following statements
1. Ragi is very rich in iron, calcium, other micronutrients.
 2. India is the second largest producer of sugarcane only after Cuba.
 3. Castor seed is grown both as rabi and kharif crop.
- Select correct answer using the code given below
- a) 1 only
 - b) 1 and 3 only
 - c) 1 and 2 only
 - d) 2 only

- 41) Consider the following statements:
1. In June 1992, more than 100 heads of states met in Rio de Janeiro in Brazil, for the first International Earth Summit.
 2. One major objective of the Agenda 21 is that every local government should adopt its own Agenda 21.
- Which of the statements given above is/are incorrect?
- a) 1 only
 - b) 2 only
 - c) Both 1 and 2
 - d) Neither 1 nor

- 42) Consider the following statements:
1. Intensive type of farming is practised in areas of low population.
 2. Primitive Subsistence Farming is practised on large patches of land with the help of primitive tools like hoe, dao and digging sticks, and family/community labour.
 3. Plantations cover large tracts of land, using capital intensive inputs, with the help of more labourers.

Which of the statements given above is/are correct?

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

- 43) With reference to Resources, consider the following Statements:
1. Potential Resources: Resources which are found in a region, but have not been utilised.
 2. Stock: Human beings do not have the appropriate technology to access the Material
 3. Reserves: Human beings are utilizing the resources with the appropriate technology.
- Select the correct statements from the above,
- a) 1&2 only
 - b) 2&3 only
 - c) 1&3only
 - d) All the above

- 44) With reference to Joint Forest Management (JFM), consider the following Statements:
1. Joint Forest Management (JFM) depends on the formation of local (village) institutions that undertake protection activities mostly on the developed forest.
 2. In return, the members of these communities are entitled to intermediary benefits like non-timber forest produces and share in the timber harvested by ‘successful protection’.
- Which of the statements is/are correct:a)
- 1 only
 - b) 2 only
 - c) Both
 - d) None

- 45) Consider the following statements about “Lustre”:
1. It is an appearance of a material with regard to colour.
 2. Each mineral has a distinctive luster.
- Select the correct statements from the above,
- a) 1 only
 - b) 2 only
 - c) Both
 - d) None

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46) Consider the following statements

1. In mesosphere, temperature starts increasing with the increase in altitude like Stratosphere.
2. On July the position of the earth is called apogee whereas on January, it is called perigee.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

47) Consider the following countries,

1. Libya
2. Jordan
3. Iraq
4. Egypt

Arrange the above countries from East to West

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

48) consider the following Statements:

1. The oldest landmass, (the Peninsula part), was a part of the Gondwana land.
2. The Gondwana land included India, Australia, South Africa, South America and Antarctica as one single landmass.

Which of the statements is/are correct:

- a) 1 only b) 2 only
c) Both d) None

49) Consider the following statements:

1. The Himalayan uplift out of the Tethys sea and subsidence of the northern flank of the peninsular plateau resulted in the formation of a large basin.
2. In due course of time this depression, gradually got filled with deposition of sediments by the rivers flowing from the mountains in the north and the peninsular plateau in the south.

3. A flat land of extensive alluvial deposits led to the formation of the northern plains of India.

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3only d) All the above

50) Consider the following statements:

1. The folds of Great Himalayas are symmetrical in nature.
2. The core of this part of Himalayas is composed of granite.
3. It is perennially snow bound, and a number of glaciers descend from this range.

Select the correct statements from the above,

- a) 1&2 only b) 2&3 only
c) 1&3only d) All the above

51) Consider the following statements:

1. The part of Himalayas lying between Indus and Satluj has been traditionally known as Punjab Himalaya.
2. The part of the Himalayas lying between Satluj and Kali rivers is known as Kumaon Himalayas.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

52) Consider the following statements regarding “Purvachal”

1. The Brahmaputra marks the eastern most boundary of the Himalayas.
2. Beyond the Dihang gorge, the Himalayas bend sharply to the south and spread along the eastern boundary of India.

Select the correct answer using the codes given below:

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

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53) The Ganga plain extends between

- a) Ghaggar and Teesta rivers
- b) Gandhak and Son rivers
- c) Ravi and Dihang rivers
- d) Yamuna and Jamuna rivers

54) With respect to Indus Water Treaty (1960), Consider the following statements

- 1. It was brokered by World Trade Organisation(WTO)
- 2. Both India and Pakistan is allowed to share each 50% of Indus water.
- 3. Though Indus originates from Tibet, China has been kept out the treaty. If China decides to stop or change the flow of the river, it will affect both India and Pakistan.

Select the correct statements from the above,

- a) 1 only
- b) 2 only
- c) 3 only
- d) None

55) Consider the following statements regarding Lake system in India:

- 1. Chilika lake, the Pulicat lake, the Kolleru lake are examples for Lagoon in India.
- 2. Sambhar lake is a seasonal lake and its water is used for producing salt.
- 3. The Wular lake in Jammu and Kashmir is the result of the tectonic activity.

Select the correct statements from the above,

- a) 1 only
- b) 2 only
- c) 3 only
- d) All the above

56) Which among the following factors the controls of the climate of one place.

- 1. latitude
- 2. altitude,
- 3. Continentality
- 4. Topography
- 5. Vegetation

Select the correct statements from the above,

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

57) Consider the following statements,

- 1. A salt-water lake separated from the sea by the sandbars and spits is called as “Atoll”
- 2. Geosyncline is a narrow, shallow, elongated basin with a sinking bottom in which a considerable thickness of sediments was deposited by the rivers

Select the incorrect statements from the above,

- a) 1 only
- b) 2 only
- c) Both
- d) None

58) Consider the following statements

- 1. According to the Census of 2001, a person aged 7 years and above who can read and write with understanding in any language, is treated as literate.
- 2. According to 2011 Census, literacy rate in India was 74.04%.

Select the correct statements from the above,

- a) 1 only
- b) 2 only
- c) Both
- d) None

59) With respect to The National Population Policy 2000, Consider the following statements

- 1. NPP, 2000 is uniformly applicable to the whole country including Jammu and Kashmir.
- 2. Total Fertility Rate (TFR) was 3.2 at the time when National Population Policy, 2000 was adopted and the same has declined to 2.3 as per Sample registration Survey (SRS) 2013 conducted by the Registrar General of India.

Select the correct statements from the above,

- a) 1 only
- b) 2 only
- c) Both
- d) None

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- 60) Consider the following statements regarding “The Sahara Desert”
1. It touches eleven countries.
 2. The temperature of the desert at night time may low compare to day time but will never below 10 degree Celsius.
 3. There is no settled population in this state.
- Select the **incorrect** statements from the above,
- a) 1 & 2 only b) 2 & 3 only
c) 1 & 3 only d) All the above
- 61) Arrange the following rivers from East to West.
1. Gomati
 2. Ghaghara
 3. Gandak
 4. Kosi
- Choose the correct from below:
- a) 4 3 2 1 b) 2 1 3 4
c) 1 2 3 4 d) 4 1 2 3
- 62) Assertion(A): In Ladakh, the heat of the sun can be felt intensely.
Reason(R): The air at this altitude is so thick.
- a) A is correct, and R is an appropriate explanation of A.
b) A is correct, but R is not an appropriate explanation of A.
c) A is incorrect, but R is correct.
d) A is correct, but R is incorrect
- 63) Consider the following statements:
1. The place in the crust where the movement starts is called the focus.
 2. The place on the surface above the focus is called the epicentre.
 3. Greatest damage is usually closest to the epicentre and the strength of the earthquake decreases away from the centre.
- Select the correct statements from the above,
- a) 1 & 2 only b) 2 & 3 only
c) 1 & 3 only d) All the above
- 64) Consider the following statements:
1. Weathering is the breaking up of the rocks on the earth’s surface.
 2. Erosion is the wearing away of the landscape by different agents like water, wind and ice.
 3. When the river tumbles at steep angle over very hard rocks or down a steep valley side it forms a waterfall.
- Select the correct statements from the above,
- a) 1 & 2 only b) 2 & 3 only
c) 1 & 3 only d) All the above
- 65] Which among the following pairs are correctly matched:
1. sea caves - hollow like caves
 2. sea arches – When cavities become bigger, the remaining roof of the caves.
 3. Stacks - steep rocky coast rising almost vertically above sea water
- Select the correct statements from the above,
- a) 1 & 2 only b) 2 & 3 only
c) 1 & 3 only d) All the above
- 66) “loess” is a landform is formed by,
- a) Deposition by Wind
 - b) Erosion by Wind
 - c) Deposition by Glacier
 - d) Erosion by Glacier
- 67) Consider the following statements
1. Milpa, Roca, Ladang are mixed farming.
 2. Rice needs high temperature, low humidity and rainfall.
 3. Cotton requires high temperature, light rainfall, two hundred and ten frost-free days and bright sunshine for its growth.
- Select the correct answer using the code given below.

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- a) 1 only b) 2 and 3 only a) 1 & 2 only b) 2&3 only
c) 3 only d) 1, 2 and 3 c) 1 only d) All the above

68) With reference to India's Traditional Hand spun Hand woven cloth, Consider the following places

1. Chintzes – Calicut
2. Calicos - Masulipatnam
3. Muslins- Dhaka
4. Gold-wrought cotton – Burhanpur

Select the correct answer using the code given below.

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

69) The character and extent of natural vegetation and wildlife is mainly determined by

- a) Soil
- b) Temperature
- c) Rainfall
- d) Wind

70) In which of the following regions of India, you would most likely to come across the 'wild ass' in its natural habitat?

- a) Gir forest
- b) Great Indian desert
- c) Rann of Kutch
- d) Malwa Plateau

71) Consider the following statements regarding “Cyclone Ockhi”

1. The deep depression in the south of Kanyakumari and west of Sri Lanka, intensified and resulted into a cyclonic storm
2. Proximity to land initially prevented significant strengthening; however, as it entered the Arabian Sea, favourable conditions allowed it to quickly strengthen the cyclone.
3. This tropical storm has been named by Srilanka.

Select the correct statements from the above,

72) Arrange the following rivers locations in Jammu and Kashmir from East to West.

1. Kargil
2. Gilgit Town
3. Leh
4. Srinagar

Choose the correct from below:

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

73) Consider the following statements regarding “Jet Stream”

1. It is a river of wind that blows horizontally through the upper layers of the troposphere, generally from East to West.
2. Both the Northern and Southern hemispheres have jet streams
3. Jet streams in the southern hemisphere are more forceful due large presence of water.

Select the correct statements from the above,

- a) 1 only b) 1 & 2 only
c) 2 only d) 1 & 3 only

74) Consider the following statements regarding The Inter Tropical Convergence Zone (ITCZ)

1. It is a belt of low pressure which circles the Earth generally near the equator where the trade winds of the Northern and Southern Hemispheres come together.
2. It is characterised by convective activity which generates often vigorous thunderstorms over large areas.
3. It is most active over oceans and relatively less active over the continental land masses

Select the correct statements from the above,

- a) 1 & 2 only b) 2 & 3 only

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- c) 1 only d) All the above

- 75) Consider the following statements regarding “Easterly Jet Stream”
1. The easterly jet stream sets in along 15°N latitude only after the western jet stream has withdrawn itself from the region.
 2. It is responsible for the burst of the monsoon in India.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 76) Which of the following can be a result of increasing temperature of the Humbolt Current
1. the distortion of equatorial atmospheric circulation
 2. irregularities in the evaporation of sea water
 3. Increase in the amount of planktons which further increases the number of fish in the sea.

Select the correct statements from the above,

- a) 1 &2 only b) 2&3 only
c) 1 only d) 2 only

- 77) Which among the following could be the reason break in Monsoon in India?

1. In northern India rains are likely to fail if the rain-bearing storms are not very frequent along the monsoon trough or the ITCZ over this region.
2. Over the west coast the dry spells are associated with days when winds blow perpendicular to the coast.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 78) Main reason for the excessive cold in north India during winter season is/ are,

1. Continentality
2. Snowfall in the Himalayan ranges
3. Cold winds coming from the Caspian Sea and Turkmenistan bring cold wave along with frost and fog over the northwestern parts of India.

Select the correct statements from the above,

- a) 1 &2 only b) 2&3 only
c) 1 only d) All the above

- 79) Which among the following region of India does not have well-defined cold weather season?

- a) Northern region of India
- b) Western region of India
- c) Peninsular region of India
- d) Both b & c

- 80) Which among the following region of India do have winter rainfall.

1. Central parts of India and northern parts of southern Peninsula.
2. Punjab, Haryana, Delhi and western Uttar Pradesh.
3. Arunachal Pradesh and Assam

Select the correct statements from the above,

- a) 1 &2 only b) 2&3 only
c) 1 only d) All the above

- 81) Which among the following pairs are correctly matched:

1. Nor Westers : Hot, dry and oppressing winds
2. Loo: Blowing in the Northern plains from Punjab to Bihar with higher intensity between Delhi and Patna.
3. Blossom Shower: coffee flowers blossom in Kerala and nearby areas

Select the correct statements from the above,

- a) 1 &2 only b) 2&3 only

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mainly outside forest areas, followed by Very Dense Forest.

2. The total carbon stock in the country's forest is estimated to be 7, 044 million tones, an increase of 103 million tonnes, which is an increase of 1.48 in percentage terms over the previous assessments.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 89) With respect to “Indian Forest (Amendment) Ordinance, 2017”, consider the following statement:

1. It aims to exempt bamboo grown in forest areas from definition of tree.
2. It will enhance the agricultural income of farmers and tribals, especially in North-East and Central India.
3. It is in line with the objective of doubling the income of farmers, besides conservation and sustainable development.

Select the correct statements from the above,

- a) 1 &2 only b) 2&3 only
c) 1 only d) 2 only

- 90) With respect to Biosphere Reserve in India, consider the following statement:

1. It can be declared only by state government.
2. The Gulf manner reserve is the first marine Biosphere Reserve established in India and is situated along the southern coast of Tamilnadu.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 91) With respect to “Frictional Force” Consider the following statements:

- 1.It incresases the speed of the wind.
- 2.It is greatest at the surface and its influence generally extends upto an elevation of 1 - 3 km.
- 3.Over the sea surface the friction is minimal.

Select the correct statements from the above,

- a) 1 &2 only b) 1 only
c) 2&3 only d) 2 only

- 92) Consider the following statements:

1. The Coriolis force acts perpendicular to the pressure gradient force.
2. The pressure gradient force is perpendicular to an isobar.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 93) Consider the following statements:

1. Hadley Cell consists of a single wind system in each hemisphere, with westward and equatorward flow near the surface and eastward and poleward flow at higher altitudes.

2. The tropical regions receive more heat from solar radiation than they radiate back into space, and the polar regions radiate more than they receive

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

- 94) Which of the following pairs are correctly matched

- 1.Harmattan : dry northerly wind across central Africa
- 2.Sirocco : southerly from north Africa to southern Europe
- 3.Mistral : cold northerly from central France and the Alps to Mediterranean

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Select the correct statements from the above,

- a) 1 & 2 only b) 2&3 only
c) 1 only d) All the above

95) Fog is a cloud with its base at or very near to the ground. Factors for forecasting fog formation are

- 1) Long nights during colder months
- 2) Cloudy skies
- 3) Moist air
- 4) A low-level temperature inversion

Select the correct code from the below,

- a) 1, 2 & 3 only
b) 1, 3 & 4 only
c) 2, 3 & 4 only
d) 1, 2, 3 & 4 only

96) These clouds are black or dark gray. They form at middle levels or very near to the surface of the earth. These are extremely dense and opaque to the rays of the sun. Sometimes, the clouds are so low that they seem to touch the ground. These clouds are shapeless masses of thick vapour.

Which type of cloud mentioned above:

- a) Cirrus
b) Cumulus
c) Stratus
d) Nimbus

97) Consider the following statements regarding Mid Oceanic ridges

1. This uplifting of the ocean floor occurs when convection currents rise in the mantle beneath the oceanic crust and create magma where two tectonic plates meet at a convergent boundary.
2. The mid-ocean ridges of the world are connected and form a single global mid-oceanic ridge system.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

98) Assertion(A): Salinity at depth is very much fixed.

Reason(R): there is no way that water is 'lost' or the salt is 'added'.

- a) A is correct, and R is an appropriate explanation of A.
b) A is correct, but R is not an appropriate explanation of A.
c) A is correct, but R is incorrect.
d) A is incorrect, but R is correct.

99) Consider the following statement regarding Tide

1. Spring tide occurs when the sun, the moon and the earth are in a straight line, the height of the tide will be higher.
2. On 3rd January each year, tidal ranges are much less than average.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None

100) Consider the following statement regarding Ocean Currents

- 1) West coasts of the continents in tropical and subtropical latitudes (except close to the equator) are bordered by cool waters.
- 2) Warm currents -__flow parallel to the east coasts of the continents in tropical and subtropical latitudes.

Select the correct statements from the above,

- a) 1 only b) 2 only
c) Both d) None