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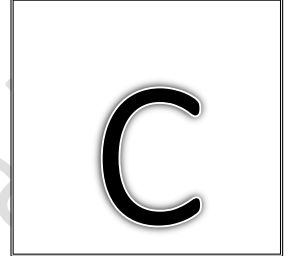
Test Booklet Series

**BUREAUCRATS I.A.S. Test Series 2019**

**TEST BOOKLET**

**GENERAL STUDIES**

**PAPER – I**



**Time Allowed: Two Hours**

**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 code 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 that 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 **English only**. 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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**Bureaucrats I.A.S. Academy Mock Test Series - 6 for Civil Services Preliminary Examination  
2019**

1. Consider the following statements regarding the Trans-Himalayas:

1. They contain the Tethys sediments.
2. The rocks of this region contain fossils bearing marine sediments which are underlain by "Tertiary granite."

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

2. Consider the following statements regarding the Greater Himalayas:

1. The Greater Himalayas are composed of crystalline, igneous or metamorphic rocks.
2. Mt. Everest, Kanchanjunga and Nanga-Parbat are situated in the Greater Himalaya Zone.

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

3. Consider the following statements:

1. Aghil Pass also known as Jawahar Tunnel joins Ladakh with the Xinjiang (Sinkiang) province of China.
2. Banihal Pass joins Jammu with Srinagar.

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

4. Consider the following statements:

1. Burzail Pass connects the Kashmir Valley with the Deosai Plains of Ladakh.
2. Bomdi La pass connects Arunachal Pradesh with Lhasa, the capital of Tibet.
3. Bara Lacha pass is on the National Highway connecting Manali and Leh.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

5. Consider the following statements:

1. The Himalayas prevent the cold Siberian air masses from entering into India.
2. The Himalayas are responsible for the splitting of the jet streams into two branches, and these, in turn, play an important role in the arrival, success, and failure of the monsoons in India.

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

6. Consider the following statements:

1. The Great Plains of India is an aggradational plain formed by the alluvial deposits of the Indus, Ganga, Brahmaputra, and their tributaries.
2. The width of the Great Plains of India increases from west to east.

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

7. Consider the following statements regarding the Bhabar Plain:

1. The Bhabar Plain lies to the south of the Shiwalik from west to east. Its width is more in the western plains than in the eastern plains of Assam.
2. The Bhabar tract is not suitable for cultivation of crops. Only big trees with large roots grow in his region.
3. The inhabitants of the Bhabar are mainly the cattle keeping Gujjars.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

8. Consider the following statements regarding the Terai Plain:

1. It is not a marshy region.
2. The Terai is broader in the eastern parts of the Great Plains.
3. At present, the Terai belt is known for the good cultivation of sugarcane, rice, wheat, maize, oilseeds, pulses, and fodder.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

9. Consider the following statements regarding the Bhangar (Bangar) Plains:

1. These are older alluvial plain formed by the older alluviums. The Bhangar

formations were deposited during the middle Pleistocene Period.

2. The Bhangar land lies above the flood limits of the rivers.
3. The soil is dark in colour, rich in humus content and productive. It contains concretions and nodules of impure calcium carbonate or "Kankar."

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

10. Consider the following statements regarding "the Khadar Plains:"

1. These are the new alluvium tracts along with the courses of the rivers also known as the "Khadar" or "Bet" lands.
2. The Khadar deposits do not have the fossils of living species like man, deer, oxen, buffaloes, horses, elephants, rhino, etc.

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

11. Consider the following statements regarding the "Delta Plains:"

1. The deltaic plain is an extension of the Khadar land.
2. The deltaic plain consists mainly of old mud, new mud, and marsh.
3. In the delta region, the uplands are called "Chars" while marshy areas are known as "Bils".

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

12. Consider the following statements:
1. The southern part of the west coastal plain is known as the Malabar coast.
  2. The West Coastal Plain lies between the Sahyadris and the Bay of Bengal.
  3. The northern part of the west coastal plain is known as the Konkan Plain.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

13. Consider the following statements regarding "the Eastern Coastal Plain:"
1. The eastern coastal plain stretches along the coasts of Odisha, Andhra Pradesh, and Tamil Nadu.
  2. These plains are formed by the alluvial fillings of the littoral zone comprising some of the largest deltas of the world.

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

14. Consider the following statements
1. Chilka lake is the biggest lake in the south-west of the Mahanadi delta in India.
  2. The Kulleru lake lies between the deltas of Godavari and Krishna.
  3. The Pulicat lake lies on the border of Andhra Pradesh and Tamil Nadu.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

15. Consider the following statements:
1. The Bay of Bengal islands includes the Andaman and Nicobar Islands which are largely tectonic and volcanic in origin, while the islands of the Arabian Sea are mainly coral formations.
  2. The nine Degree Channel separates the Andaman and Nicobar Islands.

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

16. Consider the following statements:
1. The shortest distance of the Andaman Islands from the mainland is about 2000 km.
  2. The extreme southern point is the Indira Point situated on the Great Nicobar Island.

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. Consider the following statements:
1. The Andaman and Nicobar Islands have a warm tropical climate, and are thickly forested and have an abundant marine life among the reefs.
  2. Barren Island in the Andamans has an active volcano.

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

18. Consider the following statements:

1. The Andaman Islands have been formed by the extension of the Tertiary mountain chain of Arakan Yoma.
2. The Onges, Jarawas, and Sentinelese are the well-known surviving tribes of the Andamans and Nicobar.
3. The Giant Robber Crab can be found in the Wandoor Marine Biosphere Reserve in South Andaman and Great Nicobar Islands.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

19. Consider the following statements:

1. Kavaratti is the capital of Lakshadweep.
2. Lakshadweep islands are separated from the Maldives Islands by the Eight Degree Channel.

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

20. Consider the following statements:

1. Earthquakes are vibrations of the Earth caused by ruptures and sudden movements of rocks that have been strained beyond their elastic limits.

2. The drainage system is an integrated system of tributaries and a trunk stream which collect and funnel surface water to the sea, lake or some other body of water. The total area that contributes water to a single drainage system is known as a drainage basin.

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

21. Consider the following statements:

1. The Indus originates from the Bokhar Chu (glacier) in northern slopes of Mt. Kailash.
2. The river Chenab is known as Chandra-Bhaga in Himachal Pradesh.

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

22. Consider the following statements:

1. The river Ravi rises near the Rohtang Pass in Kullu, very close to the source of the Beas river.
2. The Beas river rises from the Rakas Lake (Rakas-Tal) which is situated at an altitude of about 4600 m near the Mansarovar Lake in Tibet (China).

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

23. Consider the following statements:

1. Mandakini or Kali-Ganaga, originating from the Chorabari Glacier, joins the Alaknanda at Karan Prayag.
2. Alaknanda, originating from the Satopanth Glacier, joins the Bhagirathi at Devprayag.

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

24. Consider the following statements:

1. The Sundarban Delta is the result of depositional action of the Ganga-Brahmaputra and the Meghna Rivers.
2. The Chambal, Sind, Betwa, Ken and Tons are the main right-hand tributaries of the Yamuna 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

25. Consider the following statements:

1. The Banas River, rising from the Aravalli Range is the main left bank tributary, and Kali Sind, Parbati and Kunwari originating from the Malwa Plateau are the right bank tributaries of Chambal.
2. Gandhi Sagar dam, Rana Pratap Sagar (Rawatbhata) dam, and Jawahar Sagar dam are constructed on the river Yamuna.

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

26. Consider the following statements:

1. The river Ramganga rises in the Kumaun Himalayas. It joins the River Ganga in HarDOI district opposite to Kannauj.
2. The Sharda rises from the Milam Glacier in the Kumaun Himalayas where it is known as the Goriganga. It joins the right bank of Ghagra near Barabanki.

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

27. Consider the following statements:

1. The Karnali is known as Kauriala in the Nepal Himalayas and as Ghagra in the Ganga Plain. The Karnali is an antecedent river originating from the Gurla Mandhata Peak (7720 m) of the Nepal Himalayas.
2. The Gandak River rises in the Nepal Himalayas between Dhaulagiri, Annapurna and Mt. Everest.

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

28. Consider the following statements:

1. The Kosi river is often referred to as the "Sorrow of Bihar." Arun is its mainstream which originates from the northern slopes of Mt. Everest in Tibet (China).
2. The Tista is the westernmost right bank tributary of the Brahmaputra.



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

29. Consider the following statements:

1. The Mahananda River rises in the Darjeeling Hills of West Bengal.
2. Ken River originates from the Malwa Plateau. Sonar and Beawar are its main tributaries.
3. The Son River is a south bank tributary of the Ganga River. It originates from the Amarkantak Plateau.

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

- (a) None of the above
- (b) 1 and 2 Only
- (c) 2 and 3 Only
- (d) 1 and 3 Only

30. Consider the following statements:

1. The Brahmaputra River originates from the Angsi glaciers lying to the south-east of Kailash Mountain and Mansarovar Lake.
2. Majuli, the largest river island in Asia, lies in the Ganga river.
3. The Brahmaputra is known as the Tsangpo in Tibet.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

31. Consider the following statements:

1. The Subansiri, Bhareli, Manas, Sankos, Tista, and Raidak are its right bank tributary, while the Dihang, Lohit, and Burhi Dihang are from the

east, and Dhansiri, Kalang, and Kapili are the left bank tributaries of the Brahmaputra.

2. The Damodar drains the eastern parts of the Chotanagpur Plateau. This river runs from west to east.

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

32. Consider the following statements:

1. Barak River rises from Mt. Japov (Nagaland). The Barak basin has Mawsynram and Cherrapunji which receive the highest rainfall in the world.
2. Barak River flows to Bangladesh where it is called as Surma. The Barak river meets the Padma at Chandpur below Dacca, after which the combined river of Surma (Barak) and the Padma is known as Meghna.

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

33. Consider the following statements:

1. The Luni River rises near Ajmer in the Aravalli Range. The Bandi, Sukri and the Jawai are its left bank tributary. The Luni turns saline below Balotra and loses itself south-westwards into the Rann of Kutch.
2. Sabarmati River drains the southern slope of the Aravalli Range. It merges into the Gulf of Kutch.

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

34. Consider the following statements:

1. The Mahi has its source in the Vindhya Hills of Madhya Pradesh. It merges into the Gulf of Khambat.
2. The Sharavati river rises in Shimoga district in Karnataka and creates the Garsopa Falls commonly known as Jog Falls.

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

35. Consider the following statements:

1. The Narmada River rises from the plateau of Amarkantak of the Maikal Hills of Chhattisgarh.
2. Dhuandhar Waterfalls is situated on Narmada River.
3. The Narmada river flows through a rift valley between the Vindhya and the Satpura ranges.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

36. Consider the following statements:

1. Tapi River rises from the Satpura Range and flows westward almost parallel to Satpura.

2. Tapi River flows in a rift valley between the Satpura Range to the north and the Ajanta Range to the south.

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:

1. The drainage basin of Subernrekha is shared by the states of Jharkhand, Odisha, and West Bengal.
2. The Brahmani river is formed by the confluence of the Koel and Sankh rivers.

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

38. Consider the following statements:

1. The Cuttack city is located at the apex of the Mahanadi delta.
2. The Godavari is the largest river of peninsular India. It rises in the Western Ghats. The Penganga, Pranhita, and Indravati are Its left bank tributaries, and the Manjira is the only important right bank tributary.

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

39. Consider the following statements:

1. The river of Krishna has its origin near Mahabaleshwar in the Western Ghats.



The Bhima in the north and the Tungabhadra in the south are the other important tributaries of the Krishna river.

2. The Nagarjuna-Sagar Reservoir is situated on Kaveri river. The Kaveri River has built its fertile bird-foot delta (Mississippi-type).

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

40. Consider the following statements:

1. The Kaveri is called the Ganga of South India. The Krishnasagar Reservoir is situated on the Kaveri River.
2. The Amaravati river is a tributary of the Kaveri river.
3. Saraswati is one of the main rivers of the Rigvedic Period. This river has been mentioned in the Rigveda and post-Vedic texts.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

41. Consider the following statements:

1. Ashtamudi Lake (Ashtamudi Kayal) is a lagoon in the Kollam district of Kerala. It is not registered as a wetland of international importance under the Ramsar Convention.
2. Chandra Tal is a high altitude lake in Lahaul and Spiti district of Himachal Pradesh.

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

42. Consider the following statements:

1. Vembanad Lake (Vembanad Kayal or Vembanad Kol) is the largest lake in Kerala. The Pamba and Periyar rivers flow into the lake.
2. Wular Lake Situated in the Valley of Kashmir between Sopore and Bandipore, it is the largest freshwater lake in India. The lake was formed as a result of tectonic activity.

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

43. Consider the following statements:

1. The Lagoons are formed by the deposition of sandbars along the sea coast.
2. The Dissolution Lakes are formed due to a depression of the surface by the underground dissolution of soluble rocks like limestone and gypsum.

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

44. Consider the following statements:

1. Osman Sagar is an artificial lake in Hyderabad.
2. Pulicat Lake is the second largest brackish water lake on the Coromandel Coast. It lies on the border of Andhra Pradesh and Tamil Nadu. The barrier

island of Sriharikota separates the lake from the Bay of Bengal.

3. Pangong Tso lake is situated in Arunachal Pradesh.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only  
(b) 2 and 3 Only  
(c) 1 and 3 Only  
(d) All of the above

45. Consider the following statements regarding Red Soils:

1. Red Soils are found mainly over the Peninsula from Tamil Nadu in the south to Bundelkhand in the north, and Rajmahal in the east to Kathiawad and Kutch in the west.
2. Their colour is mainly red because of the presence of ferric oxides.
3. This soil is suitable for wheat, cotton, pulses, tobacco, millets, oilseeds (linseed), potato, and orchards [where irrigation water is available].

Which of the statements given above is/are correct?

- (a) 1 and 2 Only  
(b) 2 and 3 Only  
(c) 1 and 3 Only  
(d) All of the above

46. Consider the following statements:

1. Black soils, also known as Regur.
2. Black soils are low productive, and thus, not suitable for the cultivation of cotton, pulses, millets, linseed, castor, tobacco, sugarcane, vegetables, and citrus fruits.

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

47. Consider the following statements:

1. Laterite Soils are the typical soils of the monsoon climate which is characterized by seasonal rainfall.
2. Laterite Soils are poor in iron and aluminium, but rich in nitrogen, potash, potassium, lime and organic matter.

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

48. Consider the following statements

1. Gondwana coal belongs to the Carboniferous Period.
2. The Peat contains the highest percentage of moisture, gives more smoke, has less than 40 percent carbon and, therefore, is the lowest and most inferior quality of coal.

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

49. Consider the following statements:

1. The lignite is also known as Black-Coal.
2. Lignite is superior to Peat.
3. Under the increasing pressure and heat, with the passage of time, Peat is converted into lignite.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only  
(b) 2 and 3 Only  
(c) 1 and 3 Only

(d) All of the above

50. Consider the following statements:

1. When coal is buried very deep, the moisture gets expelled. The increased temperature results in the formation of bituminous coal. It is dense, compact and black in color. It is the most popular coal in commercial use.
2. Anthracite is the highest quality of coal containing 80 to 90 percent carbon.

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

51. Which one of the following mountain peaks is not correctly matched?

- (a) Amarkantak - Madhya Pradesh  
(b) Dunagiri - Uttarakhand  
(c) Kylas - Meghalaya  
(d) Nimgiri - Orissa

52. Which one of the following is not correctly matched?

- (a) Hazaribagh - Mica  
(b) Hutti - Gold  
(c) Jaduguda - Uranium  
(d) Zawar - Copper

53. Consider the following statements:

1. Mistral is a cold local wind which blows in Spain and France from north-west to south-east direction.
2. Blizzard is a violent stormy cold and powdery polar wind laden with dry snow and is prevalent in north and south Polar Regions, Siberia, Canada and the USA.

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

54. Consider the following statements:

1. Polar cell involves the atmospheric circulation prevailing between 60° and poles.
2. The trade winds blow from the Polar high-pressure belts to the equatorial low-pressure belt.

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. Consider the following statements:

1. Dry summers and wet winters characterize the Mediterranean type of climate.
2. The Mediterranean climatic regions are found in the western parts of the continents within the latitudinal zone of 60°-75° in both the hemispheres.

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

56. Consider the following statements:

1. In the absence of the revolution of the earth around the sun, the global pressure belts would have been permanent and stationary at their places.

2. At the time of summer solstice all the pressure belts except the northern polar high-pressure belt shift north-ward.

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. Consider the following statements:

1. The clouds are formed due to ascent, expansion and cooling of air while fogs are formed due to radiation, conduction and mixing of warm and cold air masses near the earth's surface.
2. The western portions of the oceans and eastern continental margins are characterized by most fogs because these areas are frequented by cold ocean currents.

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

58. Consider the following statements:

1. Carbon dioxide is used by Green plants for photosynthesis it absorbs most of the radiant energy from the Earth and radiates it back to the earth.
2. Vapour depends on temperature and therefore it decreases from the equator towards poles in response to decreasing temperature 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

59. Consider the following statements:

- (a) The amount of solar radiation received at the earth's surface decreases from the equator towards the poles.
- (b) Some portion of the incoming electromagnetic solar radiation is scattered in the atmosphere by dust particles and haze.

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

60. Consider the following statements:

1. Temperate Cyclones after originating in Mediterranean Sea region, reach India under the influence of Sub-tropical easterly jet stream and give rainfall to N.W. India and snowfall in Himalayas.
2. Frontolysis is the process of destruction or dying of 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

61. Consider the following statements:

1. Cyclones are high pressure centers.
2. Anti-Cyclones are low pressure centers.

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. Consider the following statements:

1. Eastern coastal areas of tropical lands and western coastal areas of temperate lands receive heavy precipitation including equatorial regions.
2. The oceans receive lesser amount of rainfall than the land.

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

63. Excessive heating of the earth's surface in tropical region results in the vertical air currents. These currents lift the warm moist air to higher strata of atmosphere. When the temperature of such a humid air starts falling below dew point continuously, clouds (cumulonimbus) are formed. These clouds cause heavy rainfall which is associated with lightning and thunder. This type of rainfall is called:

- (a) Convective rainfall
- (b) Orographic Rainfall
- (c) Relief Rainfall
- (d) Cyclonic Rainfall

64. Consider the following statements:

1. Drizzle is a fairly uniform precipitation composed exclusively of fine drops of water with diameter less than 0.5 mm.
2. Sleet is frozen rain, formed when rain before falling on the earth, passes through a cold layer of air and freezes.

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

65. Consider the following statements:

1. Cirrostratus Clouds are high clouds which generally white in colour. They

are composed of tiny ice crystals which refract the lights of the sun and moon and thus halos are formed around them.

2. Nimbostratus clouds are not accompanied by lightning, thunder or hailstorm.

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 statements:

1. The speed of the earth's rotation is not the same for all places on earth.
2. The time interval between two successive passages of a distant star over the observer's meridian is called the solar day.

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

67. Consider the following statements:

1. As a result of the rotation of the earth, there is an apparent movement of the sun, the moon, and the stars.
2. The earth's rotation causes the Coriolis 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

68. Before night turns to day there is a period, just before sunrise, when a gentle brightness lights up the sky. This brightness is caused by

diffused or scattered lighting and the period is known as:

- (a) Twilight
- (b) Dawn**
- (c) Sandhya kaal
- (d) none of the above

69. Consider the following statements:

1. Continental Drift theory was given by Professor Alfred Wegner.
2. Northern part of Pangaea is called Gondwanaland. The North America is a part of Gondwanaland.

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

70. Consider the following statements regarding "Sea Floor Spreading:"

1. The Mid-oceanic ridges were situated on the rising thermal convection currents coming up from the mantle.
2. Sea floor spreads along the oceanic trenches and the expanding crusts are destroyed along the mid-oceanic ridges.

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

71. Consider the following statements:

1. Deep seated intrusive rocks are termed as plutonic rocks.
2. Shallow depth intrusive rocks are termed as hypabyssal.

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 statements:

1. Basic igneous rocks contain less than 55% of silica and have more of iron and magnesium.
2. Rock Salt is a chemically formed sedimentary rock.

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**

73. Consider the following statements:

1. The formation of metamorphic rocks due to tremendous pressure is known as dynamic or regional metamorphism.
2. Marble is a metamorphic rock.

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 statements:

1. P waves are like sound waves. These waves can travel through all the mediums i.e. solid, liquid and gas.
2. S waves can travel through solid and liquid medium and disappears in gas.

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. The core is made up of very heavy material mostly constituted by nickel and iron.
2. The mantle extends from Moho's discontinuity to a depth of 2,900 km.

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

76. Consider the following statements:

1. The continental shelf of the eastern coast of India is much wider than that of the western coast.
2. The shallow submerged extension of the continent is called the continental shelf.

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

77. Consider the following statements:

1. The Canyons are 'steep-sided valleys' cut into the floor of the seas.
2. The shallow water over the continental shelf enables sunlight to penetrate through the water to the bottom and encourages the growth of microscopic plants and animals called planktons.

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

78. Consider the following statements:

1. Continental slope is the steeply sloping part of the sea floor which marks the boundary between the sea floor and the continental shelf.
2. The belt of sediments deposited along the continental shelf is called continental rise.

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. The Mariana Trench in the Atlantic Ocean is the deepest known part of the oceans.
2. The deepest part of the ocean is called submarine trenches or ocean deeps.

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

80. Consider the following statements:

1. The submerged volcanoes with sharp tops called seamounts.
2. Volcano rising above the ocean floor whose top has been flattened by erosion and is covered by water is called guyot.

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. Consider the following statements:
1. The temperature of the ocean is higher near the equator and gradually decreases towards the poles.
  2. The temperature of the ocean decreases with increase in depth.

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

82. Consider the following statements regarding the salinity in different seas and oceans:

1. The variation of salinity is affected by the rate of evaporation.
2. The variation of salinity is affected by the amount of fresh water added by streams and icebergs.
3. The variation of salinity is affected by the mixing of ocean waters.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

83. Consider the following statements:

1. To the north and south of the equator, there are two westward moving currents, i.e., the north and south equatorial currents.
2. Between the north and south, equatorial currents, the Counter Equatorial Current flows from west to east.
3. The Counter Equatorial Current replaces the water removed from the eastern side of the oceans by North and South Equatorial Currents.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

84. Consider the following statements:

1. The North Equatorial Current turns northwards and flows along the Philippines Islands, Taiwan, and Japan to form the warm Kuro Shio or Kuro Siwo current.
2. The warm waters of the Peru Current are responsible for making the coast of northern Chile and western Peru with very heavy rainfall.

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

85. Consider the following statements:

1. The Himalayas in Asia, the Alps in Europe, the Andes in North America and the Rockies in South America are the Fold Mountains of the world.
2. The Vosges in France, Black Forest Mountains in Germany and the Sierra Nevada in North America are the examples of Block Mountains.

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

86. Consider the following statements:

1. Mount Mauna Loa in Hawaii Islands, Mount Popa in Myanmar, Vesuvius in Italy, Cotopaxi in Equador and Fuji

Yama in Japan are examples of volcanic mountains.

2. The Nilgiris, the Parasnath, the Rajmahal and the Aravalis in India are examples of residual mountains.

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

87. Consider the following statements:

1. Tibet, the plateau of Colorado, the plateau of Mexico, Bolivia and Iran are examples of Intermontane Plateau.
2. The plateau of Malwa in India and Patagonia plateau are the example of Piedmont Plateau.

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. Consider the following statements:

1. The Canadian Shield and the West Siberian plain are examples of erosional plains.
2. The Indo Gangetic plain of the Indian sub-continent is an example of glacial plains.

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:

1. Springs are the surface outflow of groundwater through an opening in a rock under hydraulic pressure.
2. A geyser is a hot spring in which water is forced out by steam pressure at intervals

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

90. Consider the following statements:

1. The distinctive topography formed by underground water in the limestone region is called Karst topography.
2. A sinkhole is a surface depression in a region of limestone or chalk terrain.

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. Consider the following statements:

1. Caverns are interconnected subterranean cavities in bedrock formed by the corrosions action of circulating underground water on limestone.
2. Broad conical pillars developing on the floor of the caverns in limestone regions are called stalagmites.

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

92. Consider the following statements regarding the Arctic Tundra Biome:

1. It is a cold desert in which atmospheric moisture is scarce and summers are so short and cold that trees are unable to survive.
2. This biome is distributed along the northern edge of the Southern Hemisphere.
3. The species in Arctic Tundra Biome are grasses, mosses, lichens, flowering herbs, and a scattering of low shrubs.

Which of the statements given above is/are correct?

- (a) 1 and 2 Only
- (b) 2 and 3 Only
- (c) 1 and 3 Only
- (d) All of the above

93. Consider the following statements:

1. The temperate grasslands of the southern hemisphere have moderate climate than their counterparts of the northern hemisphere because of more marine influences as they are closer to the coast.
2. The natural vegetation of the temperate grasslands comprises treeless grasslands.

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

94. Consider the following statements regarding the evergreen rainforest biome:

1. It extends up to 10° Latitude on both sides of the equator.
2. It covers the area of Amazon low land of South America, Congo basin of equatorial Africa and South Eastern

Asian Islands extending from Sumatra to New Guinea.

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

95. Consider the following statements:

1. The ebony, Mahogany, rosewood, sandalwood, and cinchona are softwood tree.
2. The important species of the arctic tundra biome are reindeer, wolves, foxes, musk-ox, arctic-hare, seal and lemmings.

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

96. Recently the Caspian Sea was in the news. Which one of the following countries does not border the Caspian Sea?

- (a) Azerbaijan
- (b) Kazakhstan
- (c) Iraq
- (d) Iran

97. Recently Iran was in the news. Which one of the following waterbody does not border with Iran?

- (a) Caspian Sea
- (b) Persian Gulf
- (c) Gulf of Oman
- (d) Red Sea

98. Recently New-Zealand was in News. Which of the following waterbody separates Australia and New-Zealand?

- (a) Tasman Sea
- (b) Coral Sea
- (c) Bass Strait
- (d) Great Australian Bight

99. The lowest sex ratio is in the Union Territory of:

- (a) Andaman & Nicobar
- (b) Daman & Diu
- (c) Dadar & Nagar Haveli
- (d) Lakshadweep

100. Which one of the following has the richest deposits of Mica?

- (a) Andhra Pradesh
- (b) Bihar
- (c) Jharkhand
- (d) Rajasthan

