

OFFICERS IAS ACADEMY

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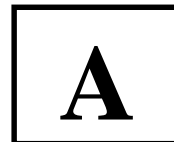
Serial No. 1901213

TESTBOOKLET

Test Booklet Series

GENERAL STUDIES

Test- 4



Time Allowed: 2 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. ENCODE CLEARLY THE TEST BOOK SERIES **A, B, C, or D** AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET,
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 questions**. Each item is printed in **English**. Each item comprises four options for responses (answers). You will select the response which you want to make on the Answer Sheet. In Case you feel that there are more than one correct responses, mark the option which you consider the most suitable. In any Case, Choose **ONLY ONE** response for each question.
5. All items carry equal marks.
6. Before you proceed to mark your responses, you have to fill in some particulars in the Answer sheet as per the given instructions.
7. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
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 the test booklet with you.
9. Sheet for rough work is appended at the end of the Test Booklet.

10. Penalty for Wrong answers

THERE WILL BE PENALTY FOR WRONG ANSWER 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 (0.66)** of the marks assigned to that question will be deducted as penalty.
- ii) If a Candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that Question.
- iii) If a question is left blank i.e., no answer is given by the candidate, there will be **no penalty** for that question.

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1. Consider the following statements with respect to the Great Himalayas/Himadri

1. It is the most continuous range among the three parallel ranges of Himalayas.
2. The folds of the Great Himalayas are asymmetrical in nature.
3. The core of Great Himalayas is composed of granite.

Which of the statements given above is/are INCORRECT?

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

2. Consider the following statements regarding the Gondwana land

1. It is the Northern part of the ancient supercontinent 'Pangea' with Angara land in the Southern part.
2. The Gondwanaland included India, Australia, South Africa, South America and Antarctica as one single land mass.

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. Which of the following statements with respect to the process of formation of Himalayan mountain system is/are correct?

1. It was due to the Northward drift of Indo-Australian plate resulting in the collision of the plate with the Pacific plate
2. The sedimentary rocks accumulated in the geosyncline known as Tethys were folded to form the mountain system.

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 pairs with respect to the division of Himalayas based on river valleys

List 1

List 2

- | | |
|---------------------|---|
| 1. Kumaon Himalayas | A. The part of Himalayas lying between Kali and Teesta rivers |
| 2. Assam Himalayas | B. The part of Himalayas lying between Indus and Sutlej rivers |
| 3. Nepal Himalayas | C. The part of Himalayas lying between Teesta and Dihangriver |
| 4. Punjab Himalayas | D. The part of the Himalayas lying between Satluj and Kali rivers |

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Select the correct answer using the codes given below

- | | | | | |
|----|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| a) | A | C | D | B |
| b) | D | A | C | B |
| c) | A | B | C | D |
| d) | D | C | A | B |

5. Consider the following pairs

Regions in Northern plains Description

1. Bhabar -These are older alluvium which lies above the flood plains of the rivers and present a terrace like feature

2. Terai -The streams and rivers re-emerge in this region and create a wet, swampy and marshy region.

3. Khadar -These are newer, younger deposits of the floodplains which are renewed almost every year

Select the correct answer using the codes given below

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

6. Which of the following mountain ranges forms a part of the lesser Himalaya?

- 1. Pir Panjal range
- 2. Zaskar range
- 3. Dhauladhar range
- 4. Mahabharat range

Select the correct answer using the codes given below

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

7. Which one of the following statements is INCORRECT regarding the physical features of India?

- a) The peninsular plateau is composed of igneous and metamorphic rocks with gently rising hills and wide valleys
- b) A flat land of extensive alluvial deposits led to the formation of the Northern plains of India
- c) The longitudinal valley lying between the Greater Himalayas and the lesser Himalayas are known as Duns.
- d) The whole mountain system of Himalayas represents a very youthful topography with high peaks, deep valleys and fast flowing rivers.

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8. What is the correct sequence of occurrence of following mountains as one proceeds from North to South?

1. Nanga Parbat
2. Kamet
3. K2 (Godwin-Austen)
4. Nanda Devi

Select the correct answer using the codes given below

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

9. Consider the following statements with respect to 'Purvanchal'

1. It is a part of Himalayas that spreads along the Eastern boundary of the India, running through the North-Eastern states.
2. These are mostly composed of sandstones (Sedimentary rocks)

Which of the statements given above is/are INCORRECT?

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

10. Consider the following pairs with respect to types of drainage patterns

List 1

List 2

- | | |
|------------------------|--|
| 1. Trellis pattern | A. It develops when a stream flows in different directions from a central peak |
| 2. Rectangular pattern | B. It develops where hard and soft rocks exist parallel to each other |
| 3. Dendritic pattern | C. It develops on a strongly jointed rocky terrain |
| 4. Radial pattern | D. It develops where the river channel follows the slope of the terrain |

Select the correct answer using the codes given below

- | | 1 | 2 | 3 | 4 |
|----|---|---|---|---|
| a) | A | D | C | B |
| b) | B | C | D | A |
| c) | D | B | A | C |
| d) | C | B | D | A |

11. Consider the following statements regarding the Western Coastal Plains

1. These plains running along the Arabian Sea are wider than the Eastern coastal plains
2. The Northern part of the coast is called the Northern Circar, while the Southern part is known as the Coromandel Coast

Which of the statements given above is/are correct?

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

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

12. Which of the following rivers has its source of origin at/near the Manasarovar lake?

- 1. Brahmaputra
- 2. Indus
- 3. Gandak
- 4. Satluj

Select the correct answer using the codes given below

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

13. Consider the following statements with respect to the Ganga river system

- 1. The headwaters of the Ganga, called the 'Alaknanda' is fed by the Gangotri Glacier
- 2. At Haridwar, the Ganga emerges from the mountains and flows onto the plains
- 3. River Yamuna, as a left bank tributary meets the Ganga at Allahabad (Prayagraj)

Which of the statements given above is/are correct?

14. Consider the following pairs with respect to rivers and the places where they originate

Rivers	Source of origin
1. The Krishna	-Mahabaleshwar
2. The Narmada	- Chota Nagpur Plateau
3. The Kaveri	-Brahmagiri range
4. The Mahanadi	-Amarkantak hills

Which of the above pairs is/are INCORRECTLY matched?

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

15. Which of the following is/are the tributaries of river Godavari?

- 1. Koyana
- 2. Manjra
- 3. Penganga
- 4. Pranhita
- 5. Bhima

Select the correct answer using the codes given below

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

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

16. Consider the following statements regarding the Indus Water Treaty (1960)

- 1. It is a water-distribution treaty between India and Pakistan brokered by the World Bank
- 2. According to the treaty, all the water of Western rivers (Indus, Jhelum and Chenab) shall be available for unrestricted use in India.
- 3. The treaty allocates 80% of water from the Indus river system to Pakistan.

Which of the statements given above is/are correct?

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

17. Consider the following lakes

- 1. Kolleru
- 2. Sambhar
- 3. PangongTso
- 4. Bhimtal

Which of the above is/are Salt water lakes found in India?

18. Consider the following statements with respect to the Andaman and Nicobar group of Islands

- 1. These are the elongated chain of islands located in the Bay of Bengal extending from North to South
- 2. Since these islands lie close to the tropics, it experiences only the tropical climate
- 3. Andaman and Nicobar groups of Islands are separated by a water body called the Ten degree channel

Which of the statements given above is/are correct?

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

19. Consider the following statements regarding the Coriolis force

- 1. It is an apparent force caused by the earth's revolution around the Sun
- 2. It is responsible for deflecting winds towards the left in the Northern hemisphere and towards the right in the Southern hemisphere.

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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

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. Which of the following statements is correct regarding the flow of jet streams in India?

- a) Over India, subtropical Westerly jet streams blow South of the Himalayas, all through the year except in winter
- b) In winter, the subtropical Westerly jet stream moves North of the Himalayas with the apparent movement of the sun
- c) During the summer months, an Easterly jet stream called the sub-tropical Easterly jet stream blows over peninsular India
- d) None of the above given statements is correct

21. Consider the following statements with respect to the Western Cyclonic Disturbances

- 1. These are weather phenomena of the winter months which originate over the Mediterranean Sea and brought into India by the Westerly jet stream
- 2. They usually influence the weather of the North-Eastern region of India.

22. Which of the following conditions/phenomena influences the Indian Monsoon?

- 1. The differential heating and cooling of land and water
- 2. Intense heating of the Tibetan plateau during summer
- 3. The presence of the low-pressure area to the East of Madagascar
- 4. Presence of the tropical Easterly jet stream over the Indian peninsula during summer.

Select the correct answer using the codes given below

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

23. Consider the following statements with respect to the Inter Tropical Convergence Zone (ITCZ)

- 1. It is a low pressure zone located in equatorial latitudes

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2. It is a zone of convergence of the NorthEast and SouthEast trade winds

3. This zone lies more or less parallel to the equator but moves North or South with the apparent movement of the sun.

Which of the statements given above is/are correct?

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

24. Consider the following

- 1. Weakening of low pressure trough over the Northern plains
- 2. Clear sky
- 3. Low temperature and low humidity

Which of the above conditions is/are associated with the retreating monsoon?

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

25. Consider the following statements regarding the Cold Weather Season (winter) in India

- 1. During this season, the Westerly winds prevail over the country.

2. December and January are the coldest months in the Northern part of 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

26. Which of the following statements correctly describes the 'Loo' winds?

- a) These are dreaded evening thunderstorms which occurs in Eastern and NorthEastern India
- b) These are pre-monsoon showers which are common phenomena in the South and South Western India, towards the end of summer season
- c) These are narrow belt of high altitude winds which blows over Peninsular India during the summer months.
- d) These are strong, gusty, hot and dry winds which blows during the day over the North and NorthWestern India

27. Which of the following Biosphere reserves in India have been included in the World Network of Biosphere Reserves, based on the UNESCO Man and the Biosphere (MAB) Programme?

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1. Sundarbans Biosphere Reserve
2. Nanda Devi Biosphere Reserve
3. Agasthyamalai Biosphere Reserve
4. Similipal Biosphere Reserve

Select the correct answer using the codes given below

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

28. Arrange the following states in descending order, in terms of percentage of forest cover to the total area of State?

1. Kerala
2. Arunachal Pradesh
3. Jharkhand
4. Mizoram

Select the correct answer using the codes given below

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

29. These forests are found in areas receiving rainfall between 200 and 100 cm. These forests exist, mostly in the Eastern part of the country — NorthEastern states, along the foothills of

the Himalayas, Jharkhand, West Odisha and Chhattisgarh, and on the Eastern slopes of the Western Ghats. Teak is the most dominant species of this forest. Bamboos, sal, shisham, sandalwood, khair, kusum and mulberry are other commercially important species.

The above description refers to which of the following forest?

- a) Tropical evergreen forest
- b) Tropical dry deciduous forest
- c) Tropical semi evergreen forest
- d) Tropical moist deciduous forest

30. Which of the following is/are adaptation by trees grown in the Thorn Forests?

1. Succulent stems
2. Shallow roots lying close to the surface of soil
3. Leaves are thick with waxy covering

Select the correct answer using the codes given below

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

31. In which one of the following regions in India, one could find both the tropical evergreen forest and mangrove forest?

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- a) Southern Saurashtra
- b) Andaman and Nicobar Islands
- c) South-West Bengal
- d) North Coastal Andhra Pradesh

Which of above pairs is/are correctly matched?

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

32. Consider the following statements with respect to Virgin vegetation

- 1. It refers to a plant community, which has grown naturally without human aid and has been left undisturbed by humans for a long time
- 2. Those virgin vegetation which are purely Indian are known as Indigenous species
- 3. Cultivated crops does not form part of virgin vegetation

Which of the statements given above is/are INCORRECT?

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

33. Consider the following pairs with respect to National Parks and the state in which they are located

List I

- 1. Keoladeo Ghana National Park- Rajasthan
- 2. Dudhwa National Park - Bihar
- 3. Tadoba National Park - Chhattisgarh

List II

- Bihar
- Chhattisgarh

34. Which one of the following statements is INCORRECT with respect to Census in India?

- a) The Indian Census is the comprehensive source of demographic, social and economic data
- b) According to the Census 2011, a person aged 5 years and above, who can read and write with understanding in any language, is treated as literate.
- c) The first complete census was taken in the year 1881, since then censuses have been held regularly every tenth year.
- d) According to the Census 2011, Bihar and Arunachal Pradesh are the states with the highest and lowest population density in the country respectively.

35. Consider the following statements regarding the Peninsular plateau

- 1. It was formed due to the breaking and drifting of the Gondwana land and thus making it a part of the oldest landmass

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2. The part of the peninsular plateau lying to the South of the Narmada river is known as the Central Highlands

3. Meghalaya Plateau, Karbi-Anglong Plateau and North Cachar Hills forms a part of peninsular plateau

Which of the statements given above is/are correct?

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

36. Consider the following statements with respect to the Western Ghats and the Eastern Ghats

- 1. While the Western Ghats are continuous, the Eastern Ghats are discontinuous and irregular
- 2. The height of the Western Ghats progressively increases from South to North
- 3. The AnaiMudi is the highest peak in the Western Ghats.

Which of the statements given above is/are correct?

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

37. Consider the following statements

- 1. India shares its land border with 7 countries.
- 2. The total length of the coastline of India including Andaman and Nicobar and Lakshadweep islands is 15,200 km.
- 3. In India, the Himalayas are spread over five States only

Which of the statements given above is/are correct?

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

38. Which one of the following best describes the climatic effect of condition known as 'Continentality'?

- a) Very hot summers and moderate winters
- b) Very hot summers and very cold winters
- c) Moderate summers and very cold winters
- d) Moderate summers and moderate winters

39. Consider the following statements regarding the riverine islands

- 1. These islands are formed in the lower course of the river, where the gentle slope and lower river velocity aids the depositional work.
- 2. 'Majuli' in the Ganga river, is the largest inhabited riverine island in the world.

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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

Which of the above pairs is/are correctly matched?

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

40. Consider the following statements with respect to the Indian Desert

- 1. It is an undulating sandy plain covered with sand dunes
- 2. It lies towards the Eastern margins of the Aravali Hills
- 3. Chambal is the only large river which flows in this region.

Which of the statements given above is/are correct?

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

41. Consider the following pairs
(Multipurpose river valley projects)
(Rivers associated)

- 1. Hirakud project - Mahanadi
- 2. Bhakra-Nangal project -Beas
- 3. Gandhi Sagar project - Chambal
- 4. NagarjunaSagar project - Godavari

42. The terms 'Khadins', 'Johads' and 'Kuls' are associated with which of the following?

- a) Nomadic herding
- b) Primitive form of mineral extraction
- c) Particularly Vulnerable Tribal Groups
- d) Traditional water conservation practices

43. Consider the following statements with respect to 'Agenda 21'

- 1. It was adopted at the United Nations Conference on Sustainable Development (UNCSD) in 2012
- 2. It is an agenda to combat environmental damage, poverty, disease through global co-operation on common interests, mutual needs and shared responsibilities.
- 3. One major objective of the Agenda 21 is that every local government should draw its own local Agenda 21.

Which of the statements given above is/are correct?

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

44. Which of the following is included under the Gross cropped area

- 1. Net sown area
- 2. Current fallow lands
- 3. Area sown more than once in an agricultural year

Select the correct answer using the codes given below

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

45. Which one of the following conditions is most appropriate for the cultivation of Jute?

- a) Laterite soils in Eastern coastal regions of India with moderate temperature conditions
- b) Sandy soils in arid and semi-arid regions with hot and dry climate
- c) Well-drained fertile soils in the flood plains and high temperature during the time of growth.
- d) Water retaining soils in hilly areas where the mean annual temperature is generally lower than plains

46. Arrange the following land use categories in decreasing order of their percentage share in total geographical area

- 1. Area under non-agricultural uses
- 2. Forest
- 3. Barren and unculturable waste land

Select the correct answer using the codes given below

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

47. Consider the following statements with respect to the Regur soil

- 1. This type of soil is typical of the Deccan trap (Basalt) region spread over NorthWest Deccan plateau
- 2. These soils are generally rich in phosphoric contents
- 3. These soils are ideal for cotton cultivation

Which of the statements given above is/are correct?

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

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48. Which one of the following statements is incorrect regarding the soils in India?

- a) The laterite soil develops under tropical and subtropical climate with alternate wet and dry season
- b) Forest soils are loamy and silty in the upper slopes and coarse grained in valley sides
- c) The entire Northern plains are made of alluvial soil which have been deposited by three important Himalayan river systems - the Indus, the Ganga and the Brahmaputra
- d) Red soil develops a reddish colour due to diffusion of iron in crystalline and metamorphic rocks

49. Which one of the following factors is responsible for the largest degraded land area in India?

- a) Glacial erosion
- b) Water erosion
- c) Salinity and alkalinity
- d) Wind erosion

50. Consider the following pairs

Category of species	Description
1. Rare Species	- These are species which are only found in some particular areas usually isolated by natural or geographical barriers

2. Extinct Species - These are species which are not found after searches of known or likely areas where they may occur

3. Vulnerable Species - These are species which are in danger of extinction.

Which of the above pairs is/are correctly matched?

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

51. Consider the following statements with respect to the Himalayan yew

1. It is a medicinal plant endemic to the state of Himachal Pradesh only.

2. A chemical compound called 'taxol' which is extracted from this tree has been successfully used to treat some cancers

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

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52. Consider the following statements regarding the 'Unclassed forests' in India

1. These are forests and wastelands belonging specifically to the communities in the region
2. All North-Eastern states have a very high percentage of their forests as unclassified forests managed by local communities.

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

53. Which among the following is/are well known ecological movements in India?

1. Chipko movement
2. Navdanya movement
3. Silent valley movement

Select the correct answer using the codes given below

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

54. Consider the following statements regarding the Rabi crops

1. These crops are sown in summer and harvested in winter
2. Availability of precipitation during winter months due to the Western temperate cyclones helps in the success of these crops.

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 with respect to wheat cultivation

1. It requires a cool growing season and bright sunshine at the time of ripening
2. Wheat is also grown in the black soil region of the deccan.
3. Aus, Aman and Boro are the three important varieties of wheat grown in India

Which of the statements given above is/are correct?

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

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56. It is an equatorial crop, but under special conditions, it is also grown in tropical and sub-tropical areas. It requires moist and humid climate with rainfall of more than 200 cm and temperature above 25°C. It is mainly grown in Kerala, Tamil Nadu, Karnataka and Andaman and Nicobar islands and Garo hills of Meghalaya.

The above description refers to which among the following crops?

- a) Sugarcane
- b) Rubber
- c) Tea
- d) Rice

57. Consider the following statements regarding the 'Placer deposits'

- 1. These are the minerals which occur as alluvial deposits in sands of valley floors and the base of hills
- 2. These deposits generally contain minerals, which are not corroded by water
- 3. Tin is one of the important minerals found in Placer deposits

Which of the statements given above is/are correct?

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

58. Consider the following statements with respect to mineral reserves in India

- 1. The peninsular rocks contain most of the reserves of coal in India
- 2. Sedimentary rocks on the Western and Eastern flanks of the peninsula, in Gujarat and Assam have most of the petroleum deposits in India
- 3. The vast alluvial plains of North India contains a huge reserves of economic minerals

Which of the statements given above is/are INCORRECT?

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

59. Consider the following pairs

Mines

- 1. Kudremukh
- 2. Khetri
- 3. Sundergarh
- 4. Bilaspur

Minerals

- A. Copper
- B. Bauxite
- C. Iron
- D. Manganese

Select the correct answer using the codes given below

- | | | | | |
|----|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| a) | B | C | A | D |
| b) | C | A | B | D |
| c) | B | D | A | C |
| d) | C | A | D | B |

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60. Consider the following statements regarding the Bauxite deposits

1. Aluminium can be found only in the bauxite ore
2. Bauxite deposits are formed by the decomposition of surface rocks and the removal of soluble constituents leaving a residual mass of weathered material containing ores

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. Which of the following is/are devices used in Industries to control air pollution?

1. Electrostatic precipitators (ESP)
2. Fabric filters
3. Scrubbers
4. Inertial separators

Select the correct answer using the codes given below

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

62. Arrange the various forms of coal in the increasing order of the carbon content they possess

1. Lignite
2. Anthracite
3. Peat
4. Bituminous

Select the correct answer using the codes given below

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

63. Consider the following statements regarding Natural gas reserves

1. Natural gas reserves are always found in association with the petroleum reserves
2. Andaman and Nicobar islands have large reserves of natural 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

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64. Consider the following statements regarding the Iron ore

1. Hematite ore is the finest iron ore with a very high content of iron
2. Jharkhand is the largest producer of iron ore 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

65. Consider the following statements regarding the thermal pollution

1. It occurs when hot water from factories and thermal power plants is drained into rivers and ponds before cooling
2. Thermal pollution increases the levels of DO (Dissolved Oxygen) in water

Which of the statements given above is/are correct?

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

66. Which of the following is/are measures to control Land degradation?

1. Shelterbelts
2. Control on overgrazing
3. Stabilisation of sand dunes
4. Proper disposal of industrial effluents

Select the correct answer using the codes given below

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

67. The term 'Blood-less Revolution' is associated with which of the following?

- a) Sacred groves
- b) Organic farming
- c) Man animal conflict
- d) Land reforms

68. Which among the following is/are major ports in India, situated in the East coast (along the Bay of Bengal)?

1. Haldia
2. Paradip
3. Marmagao
4. Kandla

Select the correct answer using the codes given below

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

69. Which among the following crops require high temperature, light rainfall or irrigation, 210 frost-free days and bright sun-shine for its growth?

- a) Coffee
- b) Sugarcane
- c) Maize
- d) Cotton

70. For which among the following states in India, the Net sown area as a percentage of total area of the state is highest?

- a) Mizoram
- b) Punjab
- c) Arunachal Pradesh
- d) Kerala

71. These soils range from red to brown in colour. They are generally sandy in texture and saline in nature. In some areas the salt content is very high and common salt is obtained by evaporating the water. Due to the dry climate and high temperature, evaporation is faster and the soil lacks humus and moisture. The

lower horizons of the soil are occupied by Kankar because of the increasing calcium content downwards. The Kankar layer formations in the bottom horizons restrict the infiltration of water. After proper irrigation these soils become cultivable.

The above description refers to which of the following soil?

- a) Red Soil
- b) Laterite Soil
- c) Arid Soil
- d) Forest Soil

72. Which of the following statements best describes 'Agglomeration economies'?

- a) It is a system of collective farming in which small and marginal farmers agree to pool their land to improve productivity
- b) It is the practice of engaging the private sector in public enterprises to improve the economies of scale
- c) It is the tendency of forming Industrial clusters in order to make use of the advantages offered by the urban centres
- d) None of the above

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73. With reference to Markandeshwar temple consider the following statements:

- 1) The temple belongs to the Vesara group of temples.
- 2) It belongs to Saiva, Vaishnava and Sakta faith.
- 3) It is known as the "Khajuraho of Vidarbha."

Which of the following statements given above is/are correct?

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

74. Consider the following statements about bioremediation

- 1) Bioremediation is the use of living microorganisms to degrade the environmental contaminants into less toxic forms.
- 2) These microbes are effective in increasing Biological Oxygen Demand of the polluted water.

Which of the statements given above is / are correct?

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

75. A foreigner is considered to be an illegal immigrant under which of the following circumstances?

- 1) If they come into India without valid travel documents.
- 2) If they came legally and stayed beyond the time period permitted to them under their travel documents.

Select the correct answer using the code below.

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

76. Consider the following pairs.

Conventions

Related to

1. Stockholm Convention - Hazardous chemicals and Pesticides
2. Bonn Convention - Migratory Species
3. Vienna Convention - Consular Relations

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

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

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77. What is ENDS that is often mentioned in news?

- (a) NASA's Event horizon programme
- (b) E-cigarettes
- (c) Revised TB control programme
- (d) Malaria elimination initiative

78. Consider the following statements regarding Over the counter drugs (OTC)

- (1) OTC drugs are medicines sold directly to a consumer with a prescription from a healthcare professional.
- (2) OTC drugs are one of the reasons for antibiotic resistance among people

Which of the above statements is/are INCORRECT?

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

79. National Data Quality Forum is

- (a) A body established to promote data localisation
- (b) Nongovernmental organisation of Telecom industries
- (c) National-level platform that aims to improve the quality of health and demographic data

(d) A forum to negotiate data security measures with InterNational Telecommunication Union

80. The term PENCIL Portal recently seen in news refers to

- (a) It is a separate online portal to ensure effective enforcement of the provisions of the Child Labour
- (b) An initiative to promote free elementary education at grassroot level
- (c) A subset of Sarva Shiksha Abhiyan Mission
- (d) A portal to follow up educational loan

81. Consider the following statements with respect to FICN Coordination Group (FCORD)

- (1) FCORD Group has been formed by the Ministry of Finance to counter the menace of circulation of Fake currency notes in the country.
- (2) National Investigation Agency (NIA) has been empowered by NIA Act to investigate and prosecute offences relating to FICN

Which of the above statements is/are INCORRECT?

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

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82. The term 'Nikshay' seen in news refers to

- (a) Online Tool For Monitoring TB Control Programme
- (b) An indigenously designed and developed artillery in India
- (c) A Medium range surface to surface missile
- (d) Project to develop Air Independent Propulsion system (AIP)

(4) Mauritius

Select the answer from the code given below

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

83. Consider the following statements with respect to the International Court of Justice.

- 1) The Judgement of the court is binding on the parties.
- 2) The Court is composed of 15 judges, who are elected for a term of office of six years.
- 3) Till now no Indian Judge has been elected for the ICJ.

Which of the statements given above is/are correct?

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

84. Arrange the following islands in sequence from South to North

- (1) Maldives
- (2) Reunion
- (3) Seychelles

85. With reference to, Rashtriya Krishi Vikas Yojana- Remunerative Approaches for Agriculture and Allied sector Rejuvenation (RKVY-RAFTAAR), consider the following.

- 1) Under the scheme, guidance, technology and infrastructure will be provided to youth and entrepreneurs for start-ups in different areas of agriculture.
- 2) The objective of this scheme is to make farming as a remunerative economic activity through strengthening the farmer's effort, risk mitigation and promoting agri-business entrepreneurship.
- 3) Recently, Agri-Business Incubation Centre was set up in Varanasi under this scheme.

Which of the above statements is/are correct?

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

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86. Which of the following statements about

Gangetic river dolphin is/are correct?

- 1) Vikramshila Gangetic Dolphin Sanctuary (VGDS) in Bihar is India's only sanctuary for its National aquatic animal.
- 2) Gangetic river dolphins are found only in the Ganges River.
- 3) The Gangetic river dolphin can only live in freshwater.

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

87. MoSAic MISSION, which was recently in the news related to?

- a) An initiative to prevent the change in marble colour of Tajmahal due to pollution
- b) An expedition into the central Arctic exploring the Arctic climate system.
- c) An expedition to conduct scientific research in Antarctica.
- d) An exploration mission to retrieve mineral deposits from the ocean

88. Consider the following statements

1. All ASEAN members are part of the proposed Regional Comprehensive Economic Partnership Agreement.
2. ASEAN was established in 1967 through the Shanghai declaration.

Which among the above statements is/ are correct?

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

89. Which of the following countries is/ are the members of ASEAN?

1. Laos
2. Cambodia
3. India
4. Myanmar
5. China

Select the correct answer using the codes given below

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

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90. Consider the following statements regarding

ASEAN.

1. The Association of South East Asian Nations (ASEAN) is a regional grouping that promotes economic, political and security cooperation.
2. Indonesia has the highest share of GDP among ASEAN countries.

Which of the following statements 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 regarding

Jim Corbett National Park

1. It is located between Siwalik in the South and lesser Himalayas in the North.
2. It has vegetation type ranging from grassland to moist deciduous forest to Himalayan subtropical pine forest.
3. River Ramganga passes through this National Park.

Which of the statements given above is/are

INCORRECT?

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

92. Consider the following species:

1. Hangul
2. Himalayan brown bear
3. Musk deer
4. Wild ass

Which of the above can be seen in Dachigam National Park?

- (a) 1 and 3 only
- (b) 3 and 4 only
- (c) 1, 2 and 3 only
- (d) All of the above

93. Consider the following pairs

National Park

Location

- (A) Nokrek National Park (I) Western Himalayas
- (B) Bandhavgarh National Park (II) Shillong plateau
- (C) Nandadevi National Park (III) Western Ghats
- (D) Mathikettan Shola National Park (IV) Vindhyas

Which of the above pairs is/are correctly matched?

- | | A | B | C | D |
|-----|-----|----|----|-----|
| (a) | II | IV | I | III |
| (b) | III | I | II | IV |
| (c) | I | II | IV | III |
| (d) | III | IV | I | II |

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94. Consider the following statements regarding a protected area in India:

1. It is a Tiger Reserve, a Wildlife Sanctuary and also a National Park. It also featured in the World Network of Biosphere Reserves.
2. River Kharkai a tributary of the Subarnarekha River flows through this area.
3. It derives its name from red silk trees, which are abundant in this forest.
4. Mankidia, a marginalised group depends on making rope with siali fibre that is richly available in this area

Which one of the following protected areas is described in the above statements?

- (a) Similipal
- (b) Dampa
- (c) Bhitarkanika
- (d) Nandhadevi

95. Consider the following statements regarding

Ranthambore National Park:

1. It is bounded to the North by the Banas River and to the South by the Chambal River.
2. It is located in the state of Madhya Pradesh.
3. In order to increase the tiger population in Ranthambore, tigers have been translocated from other protected regions to this National Park.

Which of the statements given above is/are correct?

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

96. Consider the following countries:

1. Norway
2. Sweden
3. Denmark
4. Finland
5. Russia

Which of the above countries have land within Arctic circle?

- (a) 1 and 2 only
- (b) 1, 3 and 5 only
- (c) 1, 2, 4 and 5 only
- (d) All of the above

97. What is the correct sequence of occurrence of the following seas from North to South?

1. Baltic sea
2. White sea
3. Bay of Biscay
4. Barents Sea

Select the correct answer using the code given below.

- A. 4-2-1-3
- B. 3-4-2-1
- C. 3-4-1-2
- D. 4-3-2-1

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98. Which among the following countries are separated by the Strait of Gibraltar:

- (a) Portugal and Morocco
- (b) Spain and Algeria
- (c) Portugal and Algeria
- (d) Spain and Morocco

100. Catalonia, a semi-autonomous region, often seen in news is located in which among the following countries:

- (a) France
- (b) Portugal
- (c) Spain
- (d) Ireland

99. Consider the following statements about a Balkan country:

1. It is a landlocked country.
2. Kosovo, a province of this country, unilaterally declared independence, with mixed responses from the international community. Now it is a partially recognized disputed territory.

Which of the following countries is described in the above statements?

- (a) Albania
- (b) Croatia
- (c) Serbia
- (d) Romania