



All India Civil Services Coaching Centre

(Under the aegis of Government of Tamil Nadu)

TEST BOOKLET

Test 4 – NCERT Geography

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. You have to enter your Name on the Test Booklet
3. This Test Book contains 100 items (questions). Each it 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.
4. You have to mark all your response ONLY on the separate sheet provided along with the Test Booklet.
5. All items Carry equal marks. There will be **penalty (negative marking)** for wrong answers marked by you in the Answer sheet.
6. There are four alternatives for the answers to every question. For each question for which a wrong answer has been given by the candidate, one third ($\frac{1}{3}$) of the marks assigned to that question will be deducted as penalty.
7. 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 same penalty as above for that question.
8. If a question is left blank i.e., no answer is given by the candidate, there will be no penalty for that question.

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO



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- Consider the following statements about terrestrial planets:
 - They were formed in the close vicinity of the parent star where it was too warm for gases to condense to solid particles.
 - They are smaller and their lower gravity could not hold the escaping gases.Which of the above statements is/are correct?
 - 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- When the people in India at I.S.T. meridian are having their 6 O'clock evening tea, people at another place are having their noon lunch. The longitude of the place is:
 - 17 30' E2
 - 70 30' W
 - 172 39' E
 - 90 W
- In the context of dawn and twilight, consider the following statements:
 - Dawn and twilight occur when the sun is below the horizon.
 - The period of dawn and twilight is longer at the equator as compared to the poles.Which of the above statements is/are correct?
 - 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- Which of the following factors is controlling the temperature distribution on earth?
 - The latitude of the place
 - The altitude of the place
 - Distance from the sea, the air mass circulation
- The presence of warm and cold ocean currents
Select the correct answer using the code given below:
 - 1, 2 and 3 only
 - 2 and 4 only
 - 1 and 3 only
 - 1, 2, 3 and 4
- Consider the following statements:
 - In summer the region north of the Arctic Circle is popularly referred to as 'Land of the Mid-night Sun'.
 - At the North Pole, there will be eight months of continuous daylight.Which of the above statements is/are incorrect?
 - 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
- Which of the following sources is not a direct source of information about the interior of the Earth?
 - Solid Earth materials obtained from mining.
 - Magma obtained from a volcanic eruption.
 - Materials obtained from the meteors.
 - Materials collected at different depths during the "Deep Ocean Drilling Project".
- Which of the following is not correct regarding the Metamorphic Rocks?
 - It forms out of magma and lava from the interior of the earth.
 - Gneissoid, granite, slate, schist, marble, quartzite are examples of metamorphic rocks.

- (c.) Minerals in these rocks are arranged into alternating thin to thick layers appearing in light and dark shades.
- (d.) In these rocks, an arrangement of rocks minerals in layers or lines called foliation.
8. Consider the following statements regarding the Mantle:
1. Silica and Magnesium are the major constituent elements of this layer.
 2. The discontinuity in density between the upper mantle and lower mantle is known as Repetti discontinuity.
- Which of the above statements is/are correct?
- (a.) 1 only
 - (b.) 2 only
 - (c.) Both 1 and 2
 - (d.) Neither 1 nor 2
9. Consider the following statements about Minerals.
1. A mineral is composed of two or more elements.
 2. Minerals can be organic as well as inorganic.
 3. They have an orderly atomic structure but lack a definite chemical composition.
- Which of the above statements is/are Incorrect?
- (a.) 1 and 3
 - (b.) 2 Only
 - (c.) 3 Only
 - (d.) 1, 2 and 3
10. Consider the following statements regarding the hypabyssal igneous rocks:
1. These are formed due to the cooling and solidification of Magma that rises during volcanic activity in the cracks, pores, crevices, and hollow spaces just below the earth's surface.
 2. Major forms of these rocks are Laccoliths, Phacoliths, Batholiths, Sills, Dykes etc.
- Which of the above statements 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 endogenic processes:
1. The energy emanating from within the earth is the main force behind endogenic geomorphic processes
 2. This energy for endogenic processes is generated by radioactivity, rotational and tidal friction and primordial heat from the origin of the earth.
- Which of the above statements is/are correct?
- (a.) 1 only
 - (b.) 2 only
 - (c.) Both 1 and 2
 - (d.) Neither 1 nor 2
12. Fold Mountains are formed by the large scale lithospheric movements in the earth's crust. Which of the following factor(s) lead to the formation of Fold Mountains?
1. The increased load of the overlying rocks.
 2. Flow movements in the Mantle.
 3. Magmatic intrusions into the crust.
- Select the correct answer using the code given below:
- (a.) 1 and 3 only
 - (b.) 3 only
 - (c.) 2 and 3 only
 - (d.) 1, 2 and 3
13. Consider the following statements with respect to the types of Volcanoes:
1. Shield volcanoes are mostly made up of basalt and of low viscous lava thus cover a larger area.
 2. Composite volcanoes are characterized by eruptions of cooler and more viscous lavas than the basalt.
 3. Caldera volcanoes are the most explosive of the earth's volcanoes, thus alters the environment of the surrounding area.
- Which of the above statements is/are correct?
- (a.) 1 only
 - (b.) 1 and 3 only
 - (c.) 2 and 3 only
 - (d.) 1, 2 and 3

14. Consider the following statements regarding Mass Movement:

1. Mass movements are aided by gravity.
2. No geomorphic agents like running water, glaciers, wind, waves and currents participate in the process of mass movements.
3. Mass movements are very active over unweathered materials.

Which of the above statements is/are correct?

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

15. Consider the following statements regarding Block Mountains:

1. Block mountains are created because of faulting on a large scale
2. The uplifted blocks are termed as horsts, and the lowered blocks are called graben.

Which of the above statements is/are correct?

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

16. In the Continental Drift Theory, Wegener suggested that the movement responsible for the drifting of the continents was caused by pole-fleeing force and tidal force. What is the pole-fleeing force?

- (a.) The force created by centrifugal force from the Earth's rotation and by the bulge at the slightly flattened Earth's equator.
- (b.) The force created by centripetal force from the Earth's rotation and by the bulge at the slightly flattened Earth's equator.
- (c.) The force created by centrifugal force from the Earth's rotation and attraction between Sun and Earth.
- (d.) The force created by centrifugal force from the Earth's rotation and attraction between Moon and Earth.

17. Which of the following statements is/ are correct with respect to the "Plate Tectonics"?

1. A convergent tectonic plate moves away from each other.
2. In the earth's mantle, radioactivity is the source of heat that drives the convection currents.
3. In transform boundaries, plates slide horizontally past each other.

Select the correct answer using the code given below:

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

18. Which of the following statements is/are correct about meanders?

1. Meanders are formed when the load-carrying capacity of the river increases drastically.
2. Ox-bow lakes are the result of meandering rivers.
3. Its concave bank is known as cut-off bank and convex as the slip-off bank.

Select the correct answer using the code given below:

- (a.) 1 and 2 only
- (b.) 2 and 3 only
- (c.) 3 only
- (d.) None

19. "Geomorphic processes bring about changes in the landscape of the Earth." In this context, consider the following statements:

1. Diastrophism is an example of the endogenic process.
2. A geomorphic agent is any element of nature that can help in the transportation of materials.
3. Gravity plays no role in influencing a geomorphic process.

Which of the above statements is/are incorrect?

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

20. "These are rock pillars that stand as resistant rocks above soft rocks as a result of differential erosion of hard and soft rocks".

Identify the feature mentioned in the above quote:

- (a.) Zeugen
- (b.) Demoiselles
- (c.) Yardangs
- (d.) Inselberg

21. Consider the following landforms associated with Karst Topography:

- 1. Uvalas
- 2. Sinkholes
- 3. Limestone Pavement
- 4. Dolines

Arrange the above-given landforms in the correct sequence of their formation:

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

22. Landforms of Highland Glaciation consist of:

- 1. Corrie or cirque
- 2. Eskers
- 3. Hanging valleys
- 4. Moraines

Which of the above statements are correct?

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

23. Consider the following statements about Drumlins:

- 1. The drumlins form due to the dumping of rock debris beneath heavily loaded ice.
- 2. It gives an indication of the direction of the glacier movement.

Which of the above statements is/are correct?

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

24. Which of the following statements regarding the low sedimentary coasts is/ are incorrect?

- 1. The land slopes rapidly into the water.

2. Marshes and swamps abound along the coasts.

3. The rivers extend their length by building coastal plains and deltas.

Select the correct answer using the code given below:

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

25. Consider the following statements:

1. Stalactites are broad at their bases and taper towards the free ends showing up in a variety of forms.

2. Stalagmites may take the shape of a miniature crater-like depression.

Which of the above statements is/are correct?

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

26. With reference to the exfoliation, consider the following statements:

1. Exfoliation is a form of chemical weathering in which curved plates of rock are stripped from the rock below.

2. Exfoliation domes are best developed in granitic rock.

Which of the above statements is/are correct?

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

27. Physical and Mechanical weathering processes depend on:

1. Gravitational forces such as overburden pressure, load and shearing stress

2. Expansion forces due to temperature changes, crystal growth or animal activity

3. Water pressures controlled by wetting and drying cycles.

Which of the above statements are correct?

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

28. Consider the following statements regarding Fold Mountains of the world:

1. Most Fold Mountains are composed primarily of sedimentary rock and metamorphic rocks.
2. Andes Fold Mountain is the longest mountain chain in the world.
3. The Alps are active fold mountains formed by the collision of Scotia plate and the Eurasian plate.

Which of the above statements are correct?

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

29. Consider the following statements regarding types of deserts:

1. Kara-Kum is a cold winter desert spread across Uzbekistan and Kazakhstan.
2. Simpson is a subtropical desert present in Australia.

Which of the above statements is/are correct?

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

30. Consider the following statements regarding Peneplains:

1. These plains are formed due to the wearing and tearing of hills by agents of gradation on a piece of land.
2. Niagara Plains in the USA and the Lorrain in France are some examples.

Which of the above statements is/are correct?

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

31. Arrange the following stages of the evolution of the earth's atmosphere in chronological order:

1. Process of photosynthesis
2. Loss of primordial atmosphere
3. Hot gases outpoured from the interior

Select the correct answer using the code given below:

- (a.) 2-1-3
- (b.) 1-2-3

- (c.) 2-3-1
- (d.) 1-3-2

32. Consider the following statements:

1. All the climatic changes predominantly take place in the Troposphere.
2. Aurora and Satellites occur in the Mesosphere layer.
3. The lower Thermosphere is called the Ionosphere.

Which of the above statements are correct?

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

33. Which of the following factors control the temperature distribution?

1. Altitude
2. Latitude
3. Ocean currents
4. Distance from sea
5. Air-mass circulation

Select the correct answer using the code given below:

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

34. The main reason that the Earth experiences the highest temperature in the subtropics in the northern hemisphere rather than at the Equator is:

- (a.) Subtropical areas tend to have less cloud cover than equatorial areas.
- (b.) Subtropical areas have longer day hours in the summer than the equatorial.
- (c.) Subtropical areas have an enhanced "greenhouse effect" compared to equatorial areas.
- (d.) Subtropical areas are nearer to the oceanic areas than the equatorial locations.

35. The amount and the intensity of insolation vary during a day, in a season and in a year. Which of the following factors cause these variations in insolation?

1. Rotation of earth on its axis
2. The angle of inclination of the sun's rays
3. Length of the day
4. Transparency of the atmosphere
5. Configuration of land in terms of its aspect.

Select the correct answer using the code given below:

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

36. Consider the following statements:

1. Large sea surface with a temperature lower than 27°C.
2. Small variations in the vertical wind speed.
3. A pre-existing weak low-pressure area.
4. Absence of Coriolis force.

Which of the above given conditions are favourable for the formation of tropical cyclones?

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

37. With reference to Atmospheric Pressure, consider the following statements:

1. In the lower atmosphere, the pressure does not always decrease at the same rate with the increasing height.
2. The vertical pressure gradient force is much larger than that of the horizontal pressure gradient force.
3. Isobars help in the study of horizontal distribution of pressure.

Which of the above statements is/are correct?

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

38. Consider the following statements regarding Thunderstorms and Tornadoes:

1. Both are violent storms occurring over a small area but for a short duration.

2. If there is insufficient moisture, a Tornado can generate dust storms.

3. Thunderstorms over the sea are called water sprouts.

Which of the above statements is/are correct?

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

39. Consider the following statements regarding the dew formation in the atmosphere:

1. The ideal conditions for its formation are a clear sky, calm air, high relative humidity, and cold and long nights.
2. For the formation of dew, it is necessary that the dew point is below the freezing point.

Which of the above statements 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. A dry, warm summer with offshore trade winds.
2. Rainfall in winter with on-shore westerlies.
3. The climate is best suitable for wine production and orchard farming.

Which of the following climate type best suits the above-mentioned characteristics?

- (a.) Laurentian
- (b.) British
- (c.) China
- (d.) Mediterranean

41. Which of the following statements is/are correct about the different zones of the ocean?

1. The mesopelagic zone is referred to as the Twilight zone because of the scarce amount of sunlight.
2. The benthic zone is the area where the maximum amount of sun's radiation falls.
3. Bathypelagic zone is a zone in which no light penetrates and is referred to as the midnight zone.

Which of the above statements is/are correct :

- (a.) 3 only
- (b.) 2 only

- (c.) 1 and 3 only
- (d.) 1 and 2 only

42. With reference to the vertical distribution of salinity of oceans, which of the following statements is/are incorrect?

1. Salinity at surfaces is very much fixed
2. Salinity at depths increases by the loss of water or evaporation
3. In a distinct zone called the halocline, the salinity increases sharply.

Select the correct answer using the code given below:

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

43. Which of the following statements is/are correct about sea-level rise?

1. Thermal expansion affects the movement of hot and cold oceanic currents around the globe.
2. Both Endogenic and Exogenic forces can cause a rise in sea level.

Select the correct answer using the code given below:

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

44. Which of the following statements is/ are correct about the temperature distribution over the oceans?

1. Isotherms are more regular and follow latitudes in the northern hemisphere as compared to the southern hemisphere.
2. Offshore winds results in the upwelling of the cold water.
3. The enclosed seas in lower latitudes have higher temperatures as compared to the open seas because of the landmass.

Select the correct answer using the code given below:

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

45. Which of the following statements is/ are correct about the different types of corals?

1. Fringing reefs are found along the coastline of the islands and continents.
2. Sudadiva in the Maldives and Bangaram in Lakshadweep are example of atolls reefs.

Select the correct answer using the code given below:

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

46. Which of the following constitute the soil-forming processes?

1. Soil enrichment
2. Loss of material from the soils
3. Translocation of materials
4. Transformation of materials

Select the correct answer using the code given below:

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

47. Which of the following soil develops because of intense leaching caused due to high rainfall and high temperature?

- (a.) Black Soil
- (b.) Red and Yellow Soil
- (c.) Laterite Soil
- (d.) Forest Soil

48. Which of the following are the causes of soil erosion?

1. Excessive rainfall
2. Deforestation
3. Excessive cultivation
4. Over-grazing

Select the correct answer using the code given below:

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

49. With reference to the temperate grasslands, consider the following statements:

1. The temperate grasslands in Northern Hemisphere have a milder climate due to maritime influence.
2. They are known as velds in South Africa.

Which of the above statements is/are correct?

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

50. With reference to the types of soils and their contents consider the following statements:

1. Alluvial soils are rich in phosphorous but poor in potash.
2. Black soils are rich in lime, iron, magnesia, and alumina.

Which of the above statements is/are correct?

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

51. There are multiple factors that affect the human settlement and distribution of Population. Which of the following factors/s affects the distribution of Population?

1. Climatic conditions
2. Nature of landforms
3. Type of soil
4. The scale of industrialisation.

Select the correct answer using the code given below:

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

52. Which of the following statements regarding the determinants of population growth is/are correct?

1. Crude Birth Rate is expressed as the number of live births in a year per 10,000 of population and a potential increase in the future course of time.
2. Economic development is negatively correlated to life-expectancy.

Select the correct answer using the code given below:

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

53. What does the term 'longevity dividend' mean?

- (a.) The economic and health benefits that would accrue to individuals and society when the aging process is slowed down.
- (b.) The social impact of the increasing aged population on society at large.
- (c.) The effect of high population growth with the subsequent increase in the aged population.
- (d.) Both (b) and (c).

54. Which of the following terms connote the opposite meaning of the term 'Population Ageing'?

- (a.) Sub-replacement fertility
- (b.) Pensions crisis
- (c.) Demographic Dividend
- (d.) Demographic trap

55. The shape of the population pyramids represents the different dynamics of the population. In this context which of the following statements is/are correct?

1. A bell-shaped pyramid represents a constant population.
2. A pyramid of narrow base and the tapered top represents an expanding population.
3. A triangular pyramid best represents developed countries.

Select the correct answer using the code given below:

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

56. The concept of human resources comprises the idea of human development. Which of the following best represents the supporting pillars of human development?

1. Equity
2. Empowerment
3. Productivity
4. Affordability
5. Sustainability

6. Accessibility

Select the correct answer using the code given below:

- (a.) 1, 2, 3 and 5 only
- (b.) 1, 2, 3 and 4 only
- (c.) 2, 4, 5 and 6 only
- (d.) 3, 4, 5 and 6 only.

57. Consider the following statements:

- 1. High population pressure on land
- 2. Better infrastructural facilities
- 3. Better opportunities
- 4. Poverty

Which of the above factors is/are push factors for migrations?

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

58. Which among the following is/are the indicator(s) used in calculating the Multi-Dimensional Poverty Index?

- 1. Years of schooling
- 2. Nutrition level
- 3. Sanitation
- 4. Type of floor
- 5. Type of cooking fuel
- 6. Electricity

Select the correct answer using the code given below:

- (a.) 1, 2 and 3 only
- (b.) 1, 2, 3 and 6 only
- (c.) 1, 2, 3, 5 and 6 only
- (d.) 1, 2, 3, 4, 5 and 6

59. Consider the following pairs related to rural settlement pattern:

- 1. Linear settlement Pattern - Along with mountain ranges
- 2. Rectangular Pattern - Agricultural area
- 3. Radial Pattern - For defence purpose
- 4. Circular Pattern- Near major commercial activity centre

Which of the above pairs are correctly matched?

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

60. Which of the following statements is/ are correct regarding different forms of Urbanization?

- 1. **Conurbation:** It is essentially a metropolitan area including an urban region and its adjacent towns and suburbs.
- 2. **Counter-urbanization:** The outward growth of towns and cities to engulf surrounding villages and rural areas.

Select the correct answer using the code given below:

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

61. Consider the following States:

- 1. Manipur
- 2. Tripura
- 3. Jharkhand
- 4. Gujarat

From which of the above States do the "Tropic of Cancer" pass?

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

62. Consider the following statements with respect to the islands of India:

- 1. The Andaman is considered to be the extensions of the submerged Arakan Yoma mountain range of Myanmar.
- 2. Minicoy Island is the largest Island of the Lakshadweep Island Group.
- 3. Pamban Island is a rocky island and represents the extension of the peninsular landmass in the Ramnad district of Tamil Nadu.

Which of the above statements is/are correct?

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

63. Debris avalanche and landslides occur very frequently in the Himalayas. Which of the following can be the reasons?

1. The Himalayas are tectonically stable.
2. They are mostly made up of sedimentary rocks and unconsolidated rocks.
3. Slopes are very steep in the Himalayas.

Select the correct answer using the code given below:

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

64. Consider the following statements about the Arunachal Himalayas:

1. Prominent tribal community from east to west are the Monpa, Abor, Mishmi, and Nyishi.
2. Due to rugged topography, the inter-valley transportation linkages are nominal.
3. Most of the inter-valley transportation is carried through the duar region.

Which of the above statements is/are correct?

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

65. The Great Northern plains of India are alluvial fertile plains formed by the depositional process of the Himalayan Rivers over a long period of time.

Consider the following statements related to it:

1. The Bhangar Plains are older alluvial plain.
2. The Delta plains are considered as the extension of Khadar land.

Which of the above statements is/are incorrect?

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

66. Identify the river having the following characteristics:

1. It is the largest west flowing river of Peninsular India.
2. It rises from Amarkantak Plateau near Anuppur district.

3. It drains in the Gulf of Khambhat into the Arabian Sea.

4. Its valley is a depressed block of the Earth's crust bordered by parallel faults.

Which of the following rivers best describes the above characteristics?

- (a.) Narmada
- (b.) Son
- (c.) Johilla
- (d.) Tapi

67. Which of the following features are created by Himalayan Rivers in their mountainous course?

1. Gorges
2. V-shaped Valleys
3. Ox-bow Lakes
4. Waterfalls

Select the correct answer using the code given below:

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

68. Which of the following is/are the reasons for the present shape of the Peninsular Drainage System in India?

1. Subsidence of the eastern flank of the Peninsula.
2. The upheaval of the Himalayas when the northern flank of the Peninsular block was subjected to subsidence.
3. Slight tilting of the Peninsular block from northwest to the south-eastern direction.

Select the correct answer using the code given below:

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

69. Which of the following rivers are the right bank tributaries of Indus?

1. Khurram
2. Tochi
3. Chenab
4. Jhelum
5. Gomol

Select the correct answer using the code given below:

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

70. Which of the following factor(s) lead to heat waves in India?

1. The northward movement of the Sun in summers.
2. Anti-cyclonic conditions in the Bay of Bengal.
3. A sudden increase in atmospheric pressure in the interiors of the country.
4. Frequent El-Nino.

Select the correct answer using the code given below:

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

71. Which of the following statements is/ are correct regarding Southern Mountain Forests in India?

1. These types of forests are found in the Satpura and the Maikal ranges.
2. Alpine vegetation is found in the higher regions while temperate vegetation is found in the lower regions of the Western Ghats.

Select the correct answer using the code given below:

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

72. Which of the following factors have caused water logging in the black lava soil of Deccan:

1. Introduction of irrigation
2. Sugar cane cultivation
3. High rainfall

Which of the above statements is/are correct?

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

73. Which of the following measures are effective for soil conservation in India?

1. Avoiding crop rotation
2. Afforestation
3. Encouraging the use of chemical fertilizers
4. Limiting shifting cultivation

Select the correct answer using the code given below:

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

74. Which of the following statements is/ are correct regarding the distribution of Montane Forests?

1. The southern slopes of the Himalayas carry a thicker vegetation cover than northern slopes.
2. Sholas are the tropical forests found in the Nilgiris, Anaimalai and Palani hills.

Select the correct answer using the code given below:

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

75. Which of the following are the reasons for declining soil fertility in India?

1. Deficiency of nutrients
2. Waterlogging
3. Salinity and alkalinity
4. Increase in population

Select the correct answer using the code given below:

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

76. With reference to Cropping Seasons in India, consider the following statements:

1. The Kharif crops include rice, maize, tobacco etc.
2. The rabi crops include wheat, barley, linseed, mustard (oilseeds), etc
3. Some examples of Zaid crops are pumpkin, cucumber, watermelon, etc.

Which of the above statements are correct?

- (a.) 1 and 2 only
- (b.) 1 and 3 only

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

77. Consider the following statements with respect to land use pattern in India:

1. Culturable Wasteland includes any land which is left fallow for 2 to 5 years.
2. Ravines are considered as barren and wastelands.
3. Land put to non-agricultural uses has decreased due to the expansion of tertiary activities.

Which of the above statements is/are correct?

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

78. Which of the following is/are the characteristics of dryland farming?

1. Ill-distributed and limited annual rainfall
2. The large size of fields
3. Poor health of cattle and farmers
4. Undulating soil surface
5. The occurrence of extensive and large holdings

Select the correct answer using the code given below:

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

79. The terms 'aus', 'aman' and 'boro' are related to:

- (a.) Tribes in the North East region.
- (b.) Local names of the three seasons in Punjab
- (c.) Names of local winds in Northern India.
- (d.) Name of rice crops in West Bengal.

80. Why is the pond irrigation technique is found more in the plateau region?

1. The fertile land is less and scattered.
2. There are natural pits formed by the volcanic caldera of Pre-Cambrian Period.

Which of the above statements is/are correct?

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

- (d.) Neither 1 nor 2

81. Consider the following statements regarding the distribution of coal in India:

1. The Coal resources of India are available in Gondwana Formations of peninsular India.
2. Chhattisgarh has the largest reserves of coal in India.

Which of the above statements is/are correct?

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

82. Arrange the following Indian Cotton Textile Industries from North to South Direction:

1. Kolhapur
2. Dewas
3. Saharanpur
4. Tuticorin
5. Warangal

Select the correct answer using the code given below:

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

83. Consider the following statements regarding the distribution of bauxite in India:

1. It is found mainly in tertiary deposits and is associated with laterite rocks.
2. Odisha is the largest bauxite producing state in India.

Which of the above statements is/are correct?

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

84. Consider the following statements regarding copper in India:

1. Malanjkhand is an open-cast copper mine in the Balaghat District of Madhya Pradesh.
2. Ghatsila is a copper smelting plant located in Chhindwara districts of Madhya Pradesh.

Which of the above statements is/are correct?

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

(d.) Neither 1 nor 2

85. Consider the following statements regarding placer gold:

1. The gold obtained from the sand and sedimentary deposits of the rivers are known as placer gold.
2. It is found in the Subarnarekha river of Jharkhand.

Which of the above statements is/are correct?

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

86. National Highways Authority of India (NHAI) has taken up some major projects in the country under different phases.

Consider the following pair regarding phases and connecting states/cities:

1. Golden Quadrilateral: Delhi – Gujarat - Karnataka - Kolkata
2. North-South Corridor: Jammu and Kashmir - Tamil Nadu
3. East-West Corridor : Arunachal Pradesh- Rajasthan

Which of the above pairs is/are correctly matched?

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

87. Which of the following locations have the potential for the generation of geothermal energy in India?

1. Puga Valley
2. Damodar Valley
3. Manikaran area
4. Narmada-Son Valley

Select the correct answer using the code given below:

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

88. Thorium can be used as a source of clean energy in place of Uranium. Consider the following statements regarding Thorium fuel:

1. Thorium can be used directly in reactors whereas Uranium would go through a three-stage process before being used in reactors.
2. India's thorium is mostly found in a contiguous belt formed by its eastern coastal states.

Which of the above statements is/are incorrect?

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

89. India has one of the largest hydropower potentials in the world but only one-fifth of that potential has been harnessed so far. The key problems include:

1. Dependency on hydrology
2. Problem of environment
3. Loss or modification of the fish habitat.

Which of the above statements is/are correct?

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

90. Which of the following is/are key issues with renewable power generation in India?

- (a.) Insufficiency and High cost of Evacuation Infrastructure
- (b.) Regional Concentration of Renewable Energy Potential
- (c.) Low Penetration of Renewables for Urban and Industrial Applications
- (d.) All of the above

91. Consider the following statements regarding the migration trends as per the 2011 Census:

1. Intra-state migration is dominant than inter-state migration.
2. There has been a decrease in intra-district migration as compared to the 2001 census.

Which of the above statements is/are correct?

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

92. With reference to Socio-Economic Caste Census 2011, consider the following statements:

1. It uses the parameters laid down by the S. R. Hashim committee for classification of households.
2. It was conducted under the Census Act of 1948.

Which of the above statements is/are correct?

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

93. The state with the highest decadal growth rate according to the Census 2011 is:

- (a.) Meghalaya
- (b.) Jammu and Kashmir
- (c.) Madhya Pradesh
- (d.) Rajasthan

94. Which of the following factors are responsible for different types of rural settlement in India?

1. Climate
2. Availability of water
3. Caste and Religion
4. Security Factors

Select the correct answer using the code given below:

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

95. The majority of the population in India resides in rural areas. In this context consider the following statements associated with the concept of rural settlements:

1. Dispersed rural settlement demands that the farmer should live on his own land.
2. Caste structure or a functional need of people to decide the shape and size of rural settlements.

Which of the above statements is/are correct?

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

96. Which of the following pairs of tribes are correctly matched?

1. Malasar tribe – Andhra Pradesh
2. Jatapu tribes – Kerala
3. PahadiKorva tribes – Chhattisgarh
4. Asur tribe – Jharkhand

Select the correct answer using the code given below:

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

97. With reference to the Urban Settlements, consider the following statements:

1. They are generally compact and larger in size.
2. They can be classified on the basis of location and administrative setup.
3. The town is a type of urban settlement.

Which of the above statements is/are correct?

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

98. Some of the Sister Cities have given below. Which of the following pairs is/are correct?

1. Ahmadabad and Guangzhou
2. New Delhi and Los Angeles
3. Varanasi and Kyoto

Select the correct answer using the code given below:

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

99. There are various problems associated with the urbanisation in India. So which of the following recommendations can be incorporated for mitigating the adverse effects of urbanization in India?

1. Activity mapping for local bodies.
2. Populist policies to increase community participation
3. Municipal bonds as the ratio of own revenue
4. User charge fees for water supply

5. Centralized planning

Select the correct answer using the code given below:

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

100. Socio-Economic Caste Census (SECC) is frequently in news. Which of the following criteria were used in SECC to estimate deprivation within the country?

- 1. SC/ST households
- 2. Those with no literate members above the age of 25 years.
- 3. Female-headed households with no adult males aged 15-59 years.
- 4. Landless households

Select the correct answer using the code given below:

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