

UPSC (IAS)

Topic Oriented Tests: Geography – 2006

1. Which one of the following pairs is not correctly matched?
- | Types of waterfall | Names of waterfalls |
|-------------------------|---------------------|
| (a) Caprock fall | : Gersoppa falls |
| (b) Scarp fall | : Dasam falls |
| (c) Knickpoint fall | : Bhunwadhar falls |
| (d) Hanging valley fall | : Johna falls |
2. When does escarpment develop?
- When a block steps down along a fault plane.
 - When a block moves down vertically along a fault plane.
 - When a block moves horizontally along a fault plane.
 - When a block moves upwards along a fault plane.
3. Consider the following :
- | | |
|--------------------|----------------|
| 1. Andes mountains | 2. New Zealand |
| 3. Philippines | 4. Taiwan |
- Which of the above is/are part(s) of the Ring of fire?
- 1 only
 - 1 and 2 only
 - 2, 3 and 4 only
 - 1, 2, 3, 4
4. Consider the following :
- China spans five time zones but runs on a single national time using the standard meridian of Beijing.
 - Russia uses eight standard time zones.
- Which of the statements given above is/are correct?
- 1 only
 - 2 only
 - Both 1 and 2
 - Neither 1 nor 2
5. What is a seismic zone extending at an angle of about 45° from the base of an ocean trench, down through lithosphere to the asthenosphere known as?
- Appleton layer
 - Benioff zone
 - Conard discontinuity
 - Convergence zone
6. What are Geosynclines?
- Arched upfolds in the strata of the earth's crust.
 - Major structural downfolds in the earth's crust.
 - Large scale rises in the earth's crust.
 - Sliding of plate margins inside the earth's crust.
7. Match List-I (Landforms) with List-II (Processes) and select the correct answer using the code given below the lists:
- | List-I (Landforms) | List-II (Processes) |
|--------------------|-------------------------|
| (a) Natural levees | : Aeolian |
| (b) Eskar | : Karst |
| (c) Polje | : Fluvial |
| (d) Barkhan | : Glacial/Glaciofluvial |
- Code :
- | | | | | |
|-----|---|---|---|---|
| | A | B | C | D |
| (a) | 1 | 3 | 2 | 4 |
| (b) | 3 | 2 | 4 | 1 |
| (c) | 1 | 2 | 3 | 4 |
| (d) | 3 | 4 | 2 | 1 |
8. Spits develop due to :
- Circular movement of water currents along the bays.
 - Formation of longshore drifts towards the coast.
 - Formation of large scale deposits of fine grained dust.

- (d) Oblique movement of water currents along the shores.
9. Consider the following :
- Youth topography is characterised by comparatively a few streams but usually with low gradients.
 - In mature topography, the main streams have their valleys cut to base level and are at grade.
- 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
10. With reference to earthquakes which one of the following statements is not correct?
- (a) L waves travel along the surface of the earth's crust.
(b) As the P waves propagate, they move material in a path parallel to the direction of movement.
(c) S waves move objects at right angles to their direction of motion.
(d) S waves propagate through even liquid material.
11. Which one of the following statements is not correct?
- (a) The largest known flood basalt region in the world is the Deccan trap area of peninsular India.
(b) The largest flood basalt region in the United States of America is the Columbia Plateau.
(c) The two shield volcanoes Mauna Loa and Mauna Kea have summit elevations of more than 6500 m above sea level.
(d) The island of Hawaii includes at least seven coalesced volcanic domes.
12. Which one of the following pairs has a cusped delta?
- (a) Mississippi (b) Niger
(c) Nile (d) Tiber
13. Consider the following statements:
- In an overturned fold, the axial plane is inclined and both limbs dip in the same direction.
 - A recumbent fold is one in which the axial plane is essentially horizontal.
- 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
14. An area which has not been glaciated may show:
- (a) Hanging valleys (b) Corries and pyramidal peaks
(c) Drumlins (d) V-shaped valleys
15. Consider the following :
- The granite and gneisses give rise to red soil through weathering.
 - The laterite soil contains the hydrated oxides of iron and aluminium.
 - Both the red and laterite soils are poor in nitrogen but rich in potash and phosphorus.
- Which of the statements given above is/are correct?
- (a) 1 and 2 only (b) 2 only
(c) 1 and 3 only (d) 1, 2 and 3
16. Dead Sea is situated in which one of the following?
- (a) A Rift Valley (b) An Intermontane Plateau
(c) Intermontane Plains (d) Canyons
17. Assertion (A) : Cirrus clouds primarily contain ice particles.
Reason (R) : Cirrus clouds occur at very high altitudes.
18. Assertion (A) : Cyclones over Bay of Bengal are characterized by clockwise circulation.
Reason (R) : Their circulation is governed by pressure gradient and Coriolis force.
19. Consider the following :
- The decrease of temperature with increasing latitude is more pronounced in north Atlantic ocean than the south Atlantic ocean.
 - The vertical distribution of temperature in enclosed seas of higher latitudes registers inversion of temperature.
- 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. With reference to Koppen's classification of climatic types, consider the following statements:
1. The minor/sub type indicated through small letter 'f' means rains all the year round.
2. The minor/sub type indicated through small letter 's' means dry summer.

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

21. Collision-coalescence process of precipitation is applicable to:
(a) Cirrus
(b) Clouds that extend beyond freezing level
(c) Clouds that do not extend beyond freezing level
(d) All types of clouds

22. Consider the following :

1. General characteristics of westerlies are largely modified by cyclones and anti-cyclones.
2. Westerlies are the most dominant wind systems in middle latitudes.
3. Westerlies become more vigorous in the southern hemisphere.

Which of the statements given above is/are correct?

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

23. The tropical cyclones do not occur close to the equator because of
(a) Weak coriolis force (b) Light and variable winds
(c) Excessive humidity (d) Convective activity

24. Among the following environmental pollutants, which one leads to the occurrence of acid rain?
(a) Carbon dioxide (b) Hydrogen peroxide
(c) Carbon monoxide (d) Sulphur dioxide

25. Consider the following :

1. Strong winds
2. Long winter nights
3. Cloudy sky
4. Cold dry air

Which of the above are the ideal conditions for the formation of temperature inversions

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

26. Temperate Cyclones are characterized by which of the following?

- (a) Fronts (b) Diverging winds
(c) Dry winds (d) Hot winds

27. Consider the following :

1. Florida current passes through the Yucatan channel before entering Gulf of Mexico.
2. Florida current possesses the characteristics of the equatorial water 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

28. Pelagic deposits consists of:

- (a) Terrigenous materials (b) Cosmic materials
(c) Inorganic materials (d) Organic ooze materials

29. The progressive wave theory regarding the origin of tides was put forth by:

- (a) R.A.Harris (b) Isaac Newton
(c) William Whewell (d) G.B.Airy

30. In the given map, four areas of sea/gulf bordering Australia viz., A. Arafura sea, B. coral sea, C. Gulf of Carpentaria and D. Timor sea are marked with numbers. Match them and select the correct answer using the code given below:



Code :

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

31. Consider the following :
- Chaparral biomes develop under conditions of high moisture with less pronounced differences in the temperature between summer and winter.
 - Moist temperate coniferous forest biomes occur along the west coast of North America from central California to Alaska.
- 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. Among the following types of ecosystems, the annual average rate of net plant production is highest in
- (a) Temperate grassland (b) Savannah
(c) Coniferous forest (d) Temperate forest
33. Consider the following :
- The boundary of a National park is circumscribed by legislation whereas that of a Biosphere Reserve is not circumscribed by legislation.
 - In a National park, particularly attention is paid to the conservation of gene pools whereas it is not so in a Wildlife Sanctuary.
- 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. What does Caribou provide?
- (a) Meat and skin (b) Meat, milk and non-shrinkable wool
(c) Meat and fur (d) Meat and blubber for fuel
35. Which of the following explains the 'Late Expanding Phase' of Demographic Theory?
- (a) High Birth Rate and High Death Rate
(b) High Birth Rate and Declining Death Rate
(c) Declining Birth Rate and Low Death Rate.
(d) Low Birth Rate and Low Death Rate.
36. Consider the following :
- Immigrants wherever settled
- are culturally different from their receivers.
 - are visible minorities.
 - largely fulfill certain functions.
 - are granted full legal rights only in stages.
- Which of the statements given above is/are correct?

- (a) 1 and 2 only (b) 1, 2 and 4 only
(c) 3 and 4 only (d) 1, 2, 3 and 4
37. In which one among the following countries is the urban population as per cent of its total population highest?
(a) Australia (b) Japan
(c) New Zealand (d) USA
38. Which one of the following primitive people use 'Kral' for their shelter?
(a) Pygmy (b) Papuan
(c) Bedouins (d) Masai
39. Regarding the Zone Strata Theory of Taylor, which one of the following statements is not correct?
(a) Central Asia has been the cradle land of human races.
(b) Oldest human races are farther away from the cradle land.
(c) Recent human races are nearest to the cradle land.
(d) Caucasoids are the latest human races.
40. Where does the ethnic group called Dayak live?
(a) Bali (b) Borneo
(c) Tenggara Sunda Islands (d) West Timor
41. Who propounded the concentric circle theory of city morphology?
(a) Burgess (b) Hoyt
(c) Ulman (d) Mumgard
42. Match List-I (Primitive People) with List-II (Native Place) and select the correct answer using the code given below the lists:
- | List-I (Primitive People) | List-II (Native Place) |
|---------------------------|------------------------|
| (a) Semang | 1. Temperate grassland |
| (b) Massai | 2. Savannah grassland |
| (c) Bushmen | 3. Equatorial forests |
| (d) Kirghiz | 4. Hot deserts |
- Code :
- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 1 | 4 | 2 | 3 |
| (b) | 3 | 2 | 4 | 1 |
| (c) | 1 | 2 | 4 | 3 |
| (d) | 3 | 4 | 2 | 1 |
43. Which one of the following patterns of settlements is most likely to develop along the convergence of several transport routes?
(a) Circular (b) Linear
(c) Rectangular (d) Star-shaped
44. Consider the following :
1. Khasi society is patrilineal.
2. Pastoralism is the main occupation of the Tharus.
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
45. Which one of the following pairs is not correctly matched?
(a) Chicago : Lake Michigan
(b) Cleveland : Lake Erie
(c) Detroit : Lake Superior
(d) Toronto : Lake Ontario
46. In USA, where is the Silicon Valley located?
(a) Northern end of Salton Sea.
(b) Northern end of San Francisco Bay.

- (c) Southern end of Strait of Georgia.
- (d) Southern end of San Francisco Bay.

47. Match List-I (Area) with List-II (Mineral) and select the correct answer using the code given below the lists:

List-I (Area)	List-II (Mineral)
(a) Caucasus	1. Mineral oil
(b) Sakhalin	2. Iron Ore
(c) Magnitogorsk	3. Coal
(d) Karaganda	4. Copper

Code :

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

48. Consider the following :

- 1. Masai
- 2. Boro
- 3. Kirghiz

Which of the above are nomadic herders?

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

49. Which one of the following ethnic groups does not belong to mongoloids?

- (a) The Yakuts
- (b) The Samoyeds
- (c) The Red Indian of North America
- (d) The Bantus

50. Which one of the following terms best defines South Asia as a region?

- (a) Physiographic
- (b) Economic
- (c) Geographic
- (d) Political

51. As per the World Development Indicators of World Bank in which one among the following South Asian countries is the average annual growth rate of population during 2002-2015 expected to be the highest?

- (a) Bangladesh
- (b) India
- (c) Nepal
- (d) Pakistan

52. Consider the following :

- 1. Most of the coal reserves in China occur in the southern parts bordering Vietnam, Laos and Myanmar.
- 2. The largest share of coal in United States of America is mined in the western half of the country.

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. Where are Mulberry trees grown mainly for silk production in China?

- (a) Hwang Ho basin
- (b) Si Kiang valley
- (c) Manchurian plain
- (d) Yangtze delta

54. Among the following Asian countries, whose share in the world exports is the highest?

- (a) India
- (b) Malaysia
- (c) Singapore
- (d) Thailand

55. Which one of the following pairs is not correctly matched?

- (a) Bandung : Java Island
- (b) Bangkok : Mekong River
- (c) Denpasar : Bali Island
- (d) Mandalay : Irrawady River

56. Consider the following :

- 1. Australia has the world's largest artesian basin.
- 2. Australia produces nearly one-third of the wool production of the world.

3. Broken Hill has good reserves of Diamond deposits.

Which of the statements given above is/are correct?

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

57. Match List-I (Islands) with List-II (Territories) and select the correct answer using the code given below the lists:

List-I (Islands)	List-II (Territories)
(a) Azores	1. U.K.
(b) Bermuda	2. France
(c) Canary	3. Portugal
(d) Reunion	4. Spain

58. Consider the following statements:

1. Chernogem soils grow in tall grass prairie vegetation.
2. Laterites form in hot and humid climatic conditions.

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. Match List-I (Mineral Resources) with List-II (Australian Region) and select the correct answer using the code given below the lists:

List-I (Mineral Resources)	List-II (Australian Region)
(a) Coal	1. New South Wales
(b) Oil and gas	2. Northern territory
(c) Non-fuel minerals	3. South Australia
(d) Uranium	4. Victoria
	5. Western Australia

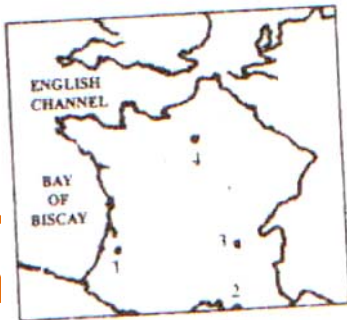
Code :

	A	B	C	D
(a)	2	1	3	5
(b)	4	5	2	1
(c)	2	5	3	1
(d)	4	1	2	5

60. While traveling from north to south along the east-coast of China, which one of the following is the correct sequence of the given Chinese cities?

- (a) Shanghai-Guangzhou-Harbin-Beijing
(b) Harbin-Beijing-Shanghai-Guangzhou
(c) Shanghai-Beijing-Harbin-Guangzhou
(d) Harbin-Guangzhou-Shanghai-Beijing

61. In the given map, four cities viz., A. Bordeaux, B. Lyons, C. Marseilles and D. Paris are marked. Match them and select the correct answer using the code given below:



Code :

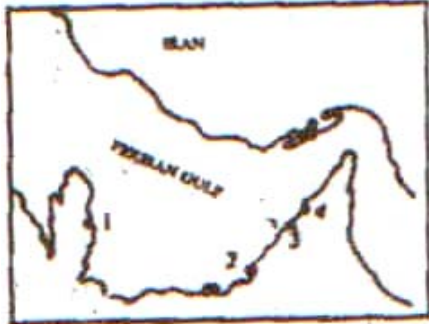
	A	B	C	D
(a)	1	2	3	4
(b)	1	3	2	4
(c)	4	2	3	1
(d)	4	3	2	1

62. Where is the Dogger Bank, a major fishing area, located?
 (a) North Pacific Ocean (b) South Pacific Ocean
 (c) North Sea (d) South Atlantic Ocean
63. In the given map, four republics of Russian Federation are marked as 1, 2, 3 and 4. While one of them is Chechnya?



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

64. In the map given here, for Emirates/Cities viz., A. Sharjah, B. Dubai, C. Abu Dhabi and D. Doha are marked with numbers. Using the code given below, match them correctly and select the correct answer:



Code :

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

65. Match List-I (States) with List-II (Geographic Division of the USA) and select the correct answer using the code given below the lists:

- | | |
|--------------------|--|
| List-I (States) | List-II (Geographic Division of the USA) |
| (a) Minnesota | 1. South Atlantic |
| (b) North Carolina | 2. East South Central |
| (c) Kentucky | 3. West South Central |
| (d) Texas | 4. West North Central |

Code:

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

66. Consider the following statements:
- | | |
|------------------|-------------|
| 1. San Francisco | 2. Adelaide |
| 3. Cape Town | 4. Sydney |
- Which of the above have Mediterranean climate?
- (a) 1 and 3 only (b) 2 and 4
 (c) 1, 2 and 4 (d) 1, 2 and 3

67. Which one of the following is the correct statement?
Kalahari is a desert because it
(a) lies in the tropics.
(b) is on the leeward side of a mountain.
(c) underlies a high pressure cell.
(d) receives only land winds.
68. Consider the following statements:
1. Broad evergreen leaves.
2. Shining, waxy leaf surface.
3. Epiphytes.
Which of the above is/are the salient characteristics of natural vegetation of Selvas?
(a) 1 and 2 only (b) 2 only (c) 1 and 3 only (d) 1, 2 and 3
69. Which one is not a part of the Polynesia region?
(a) New Zealand (b) Timor
(c) Tonga Islands (d) Tuvalu
70. In which one among the following countries is the per capita arable land highest?
(a) Germany (b) Norway
(c) Sweden (d) United Kingdom
71. Consider the following statements:
1. St. Petersburg : Gulf of Finland
2. Stockholm : Baltic Sea
3. Oslo : Norwegian Sea
Which of the pairs given above is/are correctly matched?
(a) 1 only (b) 1 and 2 only
(c) 2 and 3 only (d) 1, 2 and 3
72. Which one of the following statements is not correct?
(a) Vindhyan system mostly consists of sandstones, limestones and shale.
(b) Gneisses and schist of archaean are the oldest rocks in India.
(c) Rocks of gondwana system are of fluvial or lacustrine origin.
(d) Deccan trap formations were due to volcanic eruption during Oligocene.
73. Assertion (A) : The Himalayan rivers are older than the mountain ranges they cross.
Reason (R) : The Himalayan rivers cut their channels deeply and incisively.
74. In the given map, which one of the following types of soils is indicated by the marked area?



- (a) Black soil (b) Grey and Brown soil
(c) Laterite soil (d) Red and yellow soil

75. Consider the following statements in respect of formation of landforms in India:
1. Structurally, the Meghalaya Plateau is an extended part of the Deccan Plateau.
2. The Valley of Kashmir was formed in a synclinalorium.
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 light sandy red and yellow soils in Balaghat, Drug and Raipur districts are of alluvial origin.
 2. In Tamil Nadu, the red soils occupy over two-third of its total area.
 3. The red soils of Burdwan, Birbhum and Bankura are derived and transported from Chotanagpur plateau.
 Which of the statements given above is/are correct?
 (a) 1 and 2 only (b) 2 only (c) 1 and 3 only (d) 1, 2 and 3
77. When a person traverses from Mangalore (West) to Chennai (East), which one of the following sequences (from West to East) of forest types does he observe?
 (a) Tropical evergreen-Tropical wet deciduous-Tropical semi-evergreen-Tropical dry.
 (b) Tropical wet deciduous-Tropical evergreen-Tropical semi-evergreen-Tropical dry.
 (c) Tropical semi-evergreen-Tropical evergreen-Tropical wet deciduous-Tropical dry.
 (d) Tropical evergreen-Tropical wet deciduous-Tropical dry-Tropical semi-evergreen.
78. Consider the following statements:
- | River | Merges with |
|--------------|--------------------|
| 1. Parvati | : Beas |
| 2. Chandra | : Sutlej |
| 3. Pindra | : Alaknanda |
| 4. Tons | : Bhagirathi |
- Which of the above pairs is/are correctly matched?
 (a) 1 and 2 only (b) 3 only
 (c) 1 and 3 only (d) 1, 2, 3 and 4
79. The following have been proposed as the climatic regions of India by Koppen
- | | |
|-------|--------|
| 1. Aw | 2. Cwg |
| 3. As | 4. E |
- Which one of the following is the correct sequence of the climatic regions given above as they occur from south to north India?
 (a) 3-1-2-4 (b) 2-4-3-1
 (c) 3-4-2-1 (d) 2-1-3-4
80. Which among the following is/are the major factor/factors responsible for the monsoon type of climate in India?
 1. Location 2. Thermal contrast
 3. Upper air circulation 4. Inter-tropical convergence
 Select the correct answer using the code given below:
 (a) 1 only (b) 2 and 3 only
 (c) 2, 3 and 4 only (d) 1, 2, 3 and 4
81. Among the following States of India, which one has the largest forested area?
 (a) Andhra Pradesh (b) Assam
 (c) Gujarat (d) Tamil Nadu
82. Assertion (A) : In India, the net sown area increased by about 19% from the year 1950-51 to 1999-2000.
 Reason (R) : During the same period, there had been a concurrent decrease in the area under forest.
83. Which one of the following pairs is not correctly matched?
- | Hydel Power Plant | State |
|--------------------------|------------------|
| (a) Kundah | : Karnataka |
| (b) Rihand | : Uttar Pradesh |
| (c) Sileru | : Andhra Pradesh |
| (d) Rangeet | : Sikkim |
84. If one traverses from West to East in India, which one of the following is the correct sequence of coal field deposits (from West to East) does he observe?
 (a) Karanpura-Singrauli-Bokaro-Raniganj
 (b) Singrauli-Karanpura-Bokaro-Raniganj
 (c) Karanpura-Singrauli-Raniganj-Bokaro
 (d) Singrauli-Karanpura-Raniganj-Bokaro

85. Consider the following statements:
1. In India, Tertiary deposits of coal occur in Assam, Arunachal Pradesh, Meghalaya and Nagaland.
 2. In India, lignite does not occur anywhere except in Tamil Nadu and Rajasthan.
 3. In India, metallurgical coal is restricted to Jharkand and Andhra Pradesh only.

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

86. Match List-I (Institute) with List-II (Location) and select the correct answer using the code given below the lists:

List-I (Institute)	List-II (Location)
(a) Rain Forest Research Institute	1. Coimbatore
(b) Tropical forestry Research Institute	2. Dehradun
(c) Institute of Forest Genetics and Tree Breeding	3. Jabalpur
(d) Institute for Forest productivity	4. Jorhat

Code :

- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 4 | 3 | 2 | 1 |
| (b) | 4 | 3 | 1 | 5 |
| (c) | 3 | 4 | 1 | 5 |
| (d) | 3 | 4 | 2 | 1 |

87. Other than Kerala, which one of the following States has already achieved the replacement level of fertility?

- (a) Assam (b) Gujarat
(c) Karnataka (d) Tamil Nadu

88. Match List-I (Industry) with List-II (Important Producing Centre) and select the correct answer using the code given below the lists:

List-I (Industry)	List-II (Important Producing Centre)
(a) Silk	1. Kolar
(b) Rail wagon	2. Sirpur
(c) Paper	3. Titagarh
(d) Leather	4. Chennai

Code :

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

89. Among the following States, which one is the largest producer of rubber?

- (a) Assam (b) Meghalaya
(c) Tripura (d) Sikkim

90. Match List-I (National Highway) with List-II (Passes through) and select the correct answer using the code given below the lists:

List-I (National Highway)	List-II (Passes through)
(a) NH3	1. Bhopal
(b) NH6	2. Indore
(c) NH7	3. Jabalpur
(d) NH12	4. Raipur

Code :

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

91. Assertion (A) : The per cent of population whose income is less than one US dollar/day is less in Pakistan than that in India.

Reason (R) : The adult literacy rate (percentage of age 15 years and above with literacy) is more in Pakistan than in India.

92. Consider the following tribes:

1. Abujhmaria
2. Bhotia
3. Gaddi

For which of the above tribes is the economic activity mainly pastoral herding?

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

93. For the purpose of identification of backward areas in India, which one of the following is not a measure of identification?

- (a) Percentage of Scheduled Caste and Scheduled Tribe to the total population of the area.
- (b) Ratio of population to the cultivable waste land.
- (c) Ratio of urban to rural population.
- (d) Percentage of working force engaged in agriculture.

94. Which one of the following is the speech area of "Austric Linguistic Family"?

- (a) Assam, Nagaland and Manipur.
- (b) Bihar, Orissa and West Bengal.
- (c) Tamil Nadu, Karnataka and Kerala.
- (d) Punjab, Himachal Pradesh and Rajasthan.

95. 'Syntaxial Bend' is a feature of which one of the following?

- (a) Himalayas
- (b) Aravallis
- (c) Satpuras
- (d) Vindhya

96. Match List-I (Tribes) with List-II (States) and select the correct answer using the code given below the lists:

List-I (Tribes)	List-II (States)
(a) Hmar	1. Arunachal Pradesh
(b) Dimas	2. Nagaland
(c) Konyak	3. Mizoram
(d) Nishi	4. Assam

Code :

	A	B	C	D
(a)	1	2	4	5
(b)	3	4	2	1
(c)	1	4	2	5
(d)	3	2	4	1

97. Consider the following statements:

1. Montreal Protocol in the year 1987 called for the complete cut in the use of Chlorofluorocarbons (CFCs) by the year 2000.
2. India was a signatory to the Montreal Protocol in the year 1987.

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

98. The National River Conservation Directorate functions under which Union Ministry?

- (a) Agriculture Ministry
- (b) Environment and forests Ministry
- (c) Science and Technology Ministry
- (d) Water Resources Ministry

99. Consider the following statements:

1. Radicalism in geography is critical of geography as a spatial science.
2. Radicalism aimed at a general restructuring of capitalist society.
3. Radicalism in geography relied heavily on empiricist methods.

Which of the statements given above is/are correct?

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

100. Consider the following statements:

1. Humanistic geography depended on the growing need of social relevance of the subject.
2. Humanistic geography developed due to reaction to excessive quantification and model building in geography.
3. Humanistic geography drew much from the radical trend in geography.

Which of the statements given above are correct?

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

101. Consider the following statements:

Behaviourism refers to

1. Spatial behaviour of people.
2. Spatial perception.
3. Spatial experience and imagination.
4. Mental maps.

Which of the statements given above are correct?

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

102. Consider the following statements:

1. Ellen Semple accepted the Ritzel's ideas about the state as an organism and introduced them to America.
2. Ellen Semple published her first professional article dealing with the role of the Appalachians as a barrier in American history.

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

103. Who of the following was the first scientific geographer who ascertained the length of equator on sound principle?

- (a) Herodotus (b) Hecataeus
(c) Anaximander (d) Erastotenes

104. Consider the following statements:

1. Columbus estimated that Asia must lie very close to Europe on the west on the basis of the work of Ptolemy.
2. Strabo gave a correct explanation of the floods of the Nile, attributing them to the heavy rains in Ethiopia.

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

105. Who among the following was the first to distinguish between general geography and special geography and to show the mutual dependence of these approaches?

- (a) Varenius (b) Kant (c) Humboldt (d) Strabo

106. Who among the following rejected the teleological idea of final causes and insisted that explanations must be sought in what is chronologically antecedent, and in this view, opposed Linnaeus and Leibniz but supported and amplified the ideas of Hume and Goethe?

- (a) Varenius (b) Kant (c) Humboldt (d) Ratzel

107. Consider the following statements:

1. Humboldt gave the first scientific description of the relation of altitude, air temperature, vegetation and agriculture in tropical mountains.
2. Ritter developed the concept that continental climates are colder in winter and warmer in summer than the climates at places near the oceans at the same latitude.

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

108. Consider the following statements:

1. Ritter saw in all his geographical studies the evidence of God's plan.
2. All the volumes of the Die Erdkunde completed by Ritter covered only Africa and a part of Asia.
3. Like Humboldt, Ritter's great work has largely put together on the basis of his own observations.

Which of the statements given above are correct?

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

109. Ratzel's II vol. of Anthropogeographie emphasized on:
(a) Influence of physical environment on man
(b) Lebensraum
(c) Human migration
(d) Influence of man on natural environment
110. Geographical Information System (GIS) are designed to manipulate spatial objects. Which one of the following is not a spatial object?
(a) An attribute data cell (b) A polygon
(c) A point (d) A line
111. Under which of the following conditions would you not consider a given pair of aerial photographs as a stereopair?
1. No overlap 2. 25% overlap
3. 60% overlap 4. 100% overlap
112. Which one of the following pairs is not correctly matched?
- | Software | | Organization |
|--------------|---|----------------------|
| (a) Arc Info | : | ESRI |
| (b) GRASS | : | DST |
| (c) MGE | : | Integrph Corporation |
| (d) IDRISI | : | Clark University |
113. If the focal length (f) of a camera lens is 20 cm and the height of the plane (h) is 1000 metres above ground, what will be the scale of the air-photographs?
(a) 1 : 500 (b) 1 : 5000
(c) 1 : 1000 (d) 1 : 50000
114. Which one of the following is more useful to a sailor?
(a) Mercator's Projection (b) Gnomonic Projection
(c) Sinusoidal Projection (d) Molweide's Projection
115. Which one of the following projections is suitable for large maps of small area fitting on all sides?
(a) Sinusoidal Projection
(b) Modified Polyconic Projection
(c) Conical Projection with one Standard parallel
(d) Lambert's Projection
116. Which one of the following is a special case of Bonne's projection
(a) Zenithal Polar Equidistant Projection
(b) Cylindrical Equidistant Projection
(c) Conical Equidistant Projection
(d) Sinusoidal Projection
117. The number of a topographic map is 47A/16/NW. Its scale must be
(a) 1 : 250,000 (b) 1 : 100,000
(c) 1 : 50,000 (d) 1 : 25,000
118. Consider following statements about QuickBird satellite:
1. It operates at an altitude of 950 km.
2. Its sensors collect both multispectral and panchromatic images concurrently.
Which of the statements given above are correct?
(a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2
119. On an aerial photograph, symbol '+' denotes which one of the following?
(a) Collimating marks (b) Principle points

(c) Plumb point

(d) Iso-centre

120. With reference to contours used for mapping the terrain, consider the following statements:

1. Contours are horizontal to the dip of the land and perpendicular to the direction in which the surface water runs.
2. Steeper the slope, farther the contour.
3. Contours bend up-stream while crossing a river.
4. Contours do not show up minor relief features.

Which of the statements given above are correct?

(a) 1, 2 and 3

(b) 1, 3 and 4

(c) 1, 2 and 4

(d) 1, 2 and 4

ANSWERS

- | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1. | (d) | 25. | (d) | 49. | (d) | 73. | (a) | 97. | (b) |
| 2. | (b) | 26. | (a) | 50. | (c) | 74. | (b) | 98. | (b) |
| 3. | (d) | 27. | (c) | 51. | (d) | 75. | (c) | 99. | (a) |
| 4. | (b) | 28. | (d) | 52. | (d) | 76. | (b) | 100. | (a) |
| 5. | (b) | 29. | (c) | 53. | (b) | 77. | (d) | 101. | (a) |
| 6. | (b) | 30. | (a) | 54. | (c) | 78. | (c) | 102. | (b) |
| 7. | (d) | 31. | (d) | 55. | (b) | 79. | (a) | 103. | (d) |
| 8. | (b) | 32. | (d) | 56. | (a) | 80. | (d) | 104. | (c) |
| 9. | (b) | 33. | (*) | 57. | (d) | 81. | (a) | 105. | (a) |
| 10. | (d) | 34. | (a) | 58. | (c) | 82. | (c) | 106. | (b) |
| 11. | (c) | 35. | (c) | 59. | (b) | 83. | (a) | 107. | (a) |
| 12. | (d) | 36. | (d) | 60. | (b) | 84. | (b) | 108. | (a) |
| 13. | (c) | 37. | (c) | 61. | (b) | 85. | (a) | 109. | (c) |
| 14. | (d) | 38. | (d) | 62. | (c) | 86. | (*) | 110. | (a) |
| 15. | (a) | 39. | (d) | 63. | (d) | 87. | (d) | 111. | (a) |
| 16. | (a) | 40. | (*) | 64. | (d) | 88. | (a) | 112. | (d) |
| 17. | (a) | 41. | (a) | 65. | (c) | 89. | (c) | 113. | (b) |
| 18. | (d) | 42. | (b) | 66. | (d) | 90. | (b) | 114. | (a) |
| 19. | (b) | 43. | (d) | 67. | (c) | 91. | (c) | 115. | (b) |
| 20. | (c) | 44. | (b) | 68. | (c) | 92. | (b) | 116. | (d) |
| 21. | (c) | 45. | (c) | 69. | (b) | 93. | (b) | 117. | (c) |
| 22. | (d) | 46. | (d) | 70. | (a) | 94. | (b) | 118. | (*) |
| 23. | (a) | 47. | (d) | 71. | (b) | 95. | (a) | 119. | (b) |
| 24. | (d) | 48. | (a) | 72. | (d) | 96. | (b) | 120. | (b) |