

OFFICERS IAS ACADEMY

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Serial No. 1701211

TESTBOOKLET

Test Booklet Series

GENERAL STUDIES

Test- 7 Geography - II



Time Allowed : Two Hours

Maximum Marks : 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC, IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
 2. 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 items** (questions). Each item is printed in **English**. Each item comprises four responses (answers) You will select the response which you want to make 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** response for each item,
 5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided, See directions in the Answer Sheet.
 6. All items carry equal marks.
 7. Sooner than you proceed to mark in the Answer Sheet the response to various items in the test Booklet, you have to fill in some particulars in the Answer sheet as per instruction sent to you with your Admission Certificate.
 8. After you have Completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the invigilator only the Answer Sheet You are permitted to take away with you the Test Booklet.
 9. Sheet for rough work are appended in the Test Booklet at the end.
- 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. Assertion (A): The west coast of India has a greater potential of tidal energy than Eastern coast of India

Reason(R): The continental shelf of western coast is wider than Eastern coast.

- a. A is false but R is true
- b. A is true but R is false
- c. Both are true and R is the correct explanation of A
- d. Both are true but R is not the correct explanation of A

2. Which of the following statements are true

1. Presence of strong vertical winds is one of the required conditions for tropical cyclone formation.

2. The isobars are not closely spaced in a tropical cyclone

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. None of the above

3. A recent study has shown that Parali 1 Island in Lakshadweep has disappeared due to coastal erosion. What are the reasons for coastal erosions?

- 1) Wave Energy
- 2) Climate Change
- 3) Construction of Dams
- 4) Sand Mining

Choose the correct answer from below

- A) 1 only
- B) 2,3 and 4 only
- C) 1 and 2 only
- D) All of the above

4. The Global Assessment Report on Disaster Risk Reduction (GAR) is published by

- a. IMF
- b. UNCTAD
- c. UNSIDR
- d. None of the above

5. The Great Barrier Reef is suffering from recent unprecedented coral bleaching events.

Which of the following are reasons for coral bleaching?

- 1. Extra bright sunlight
 - 2. Agricultural runoff
 - 3. Unsustainable dredging activities
 - 4. Changes in salinity
- a. 1, 2 only
 - b. 1, 2,3 only
 - c. 2, 3,4 only
 - d. 1,2,3,4

6. Consider the following statements
- 1) Ocean thermal energy conversion uses the temperature difference between cooler deep and warmer surface sea water to

produce electricity

2) A temperature difference of 20°C is favorable for OTEC.

3) India's first ocean thermal energy is coming up in Andaman and Nicobar islands.

Choose the correct statements from above

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

7. Assertion (A): The effect of tsunami is more near the coastal area and less over the ocean

Reason(R): The height of wave in ocean is indirectly related to the depth of water.

- a. Both A and R is true and R is the correct explanation of A
- b. Both A and R is true but R is not the correct explanation of A
- c. A is true but R is false
- d. A is false but R is true

8. Recently US scientists have found 500 Seabed vents of methane. Which of the following statements are correct regarding hydrothermal vents?

1. Hydrothermal vents are places where Chemical-rich fluids emanate from the seafloor

2. Organisms living in such areas are often called extremophiles for the extreme nature of their living conditions.

- A. 1 only
- b. 2 only
- c. both 1 and 2
- d. Neither 1 nor 2

9. Consider the below statements regarding earthquakes in the Indian subcontinent.

1. Earthquakes in the Himalayan region are mainly due to the movement of Indian plate towards the Eurasian plate.

2. Earthquakes in Central India are caused due to the presence of fault lines in the Indian plate.

Choose the **incorrect** statements

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

10. Identify the correctly matched pairs from below

Local storms	Region
1. Mango showers	Andhra Pradesh
2. Blossom showers	KARNATAKA
3. Norwesters	Bengal
4. Loo	Punjab

- a. 1 only

b. 1 and 3 only

c. 3 and 4 only

d. 2, 3 and 4 only

11. Assertion (A): The Arabian sea branch of the South west monsoon enters West Bengal and Bangladesh from south and southeast instead of from the south-westerly direction.

Reason (R): The Arakan Hills along the coast of Myanmar deflect the Arabian sea branch towards the Indian subcontinent.

- a. Both A and R is true and R is the correct explanation of A
- b. Both A and R is true but R is not the correct explanation of A
- c. A is true but R is false
- d. Both A and R is false

12. Which of the following mountains are fold mountains?

- a) Alps
- b) Appalachian
- c) Aravalli
- d) All the above

13. Identify the correctly matched pairs

Volcano	Type
of landforms	

- 1) Mt. Vesuvius Composite volcano
- 2) Hawaiian volcanoes Shield volcano

3) Deccan Plateau	Flood basalt
provinces	

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

14. Arrange the below features of South American Physical map from North to South

- 1) Selvas
 - 2) Pampas
 - 3) Campos
 - 4) Patagonian Desert
- a) 1, 2, 3, 4
 - b) 1, 3, 2, 4
 - c) 3, 4, 2, 1
 - d) 2, 4, 1, 3

15. Arrange the below deserts from east to west

- 1) Thar desert
 - 2) Gobi Desert
 - 3) Sahara desert
 - 4) Atacama desert
- a) 1, 2, 3, 4
 - b) 1, 3, 2, 4
 - c) 3, 4, 2, 1
 - d) 2, 1, 3, 4

16. Consider the following statements regarding fishing industry in Japan.
Assertion (A): The continental shelves around the islands of Japan are rich in plankton .

Reason (B): The warm oyashio and cold kuroshio currents meet near Japanese islands.

- a. Both A and R is true and R is the correct explanation of A
- b. Both A and R is true but R is not the correct explanation of A
- c. A is true but R is false
- d. Both A and R is false

17. Consider the following. Indian Standard Meridian ($82^{\circ}30'E$ meridian) passes through

- i) Uttar Pradesh
- ii) Madhya Pradesh
- iii) Chhatisgarh
- iv) Orissa
- v) Andhra Pradesh.

Choose the appropriate code.

- a) I,ii,iv only
- b) I,ii,iii only
- c) I,iii,iv only
- d) All the above.

18. Which of the following state shares boundaries with maximum number of states.

- a) Uttar Pradesh.

- b) Rajasthan.
- c) Telangana.
- d) Madhya Pradesh.

19. Tropic of Cancer passes through which of the following states ..

- i) Gujarat
- ii) Rajasthan
- iii) Madhya Pradesh
- iv) Jharkhand
- v) Tripura
- vi) Uttar Pradesh.

Choose the appropriate code.

- a) I,ii,iv,vi only
- b) I,iii,iv,v,vi only
- c) ii,iv,v only
- d) I,ii,iii,iv,v only

20. Consider the following

- i) There is a time lag of two hours between India's Eastern limit and Western boundary limit.
- ii) The southernmost point of the Indian Union- 'Indira Point' got submerged under the sea water .

Which of the following is/are true?

- a) i only
- b) ii only
- c) Both I & ii only
- d) Neither I nor ii .

21. Uttarakhand, Uttar Pradesh, Bihar, West Bengal and Sikkim have common frontiers with

- (a) China
- (b) Bhutan
- (c) Nepal
- (d) Myanmar

22. If you intend to visit Kavarati during your summer vacations, which one of the following Union Territories of India you will be going to

- a) Puducherry
- b) Lakshadweep
- c) Andaman and Nicobar
- d) Diu and Daman

23. Consider the following statements.

- i) The longitudinal valley lying between Middle Himalayas and the Shiwaliks are known as Duns.
- ii) Majuli, in the Brahmaputra River is the largest inhabited riverine island in the world.

Which of the following is true?

- a) i only
- b) ii only
- c) Both I & ii only
- d) Neither I nor ii .

24. Consider the following

- 1. Zoji La
- 2. Khardung La

3. Fotu La

The above passes are found in?

- a) Aravalli Hills
- b) North Western Mountains
- c) Arunachal Himalayas
- d) Darjiling and Sikkim Himalayas.

25. Consider the following

- 1. Javadi Hills
- 2. Mahendragiri Hills
- 3. Nallamala Hills

Identify the region concerning above Hills?

- a) Central Highlands
- b) Eastern ghats
- c) North-eastern Plateau
- d) Eastern Plateau

26. Consider the following statements about the Aravallis?

- 1. They are the oldest mountain ranges of India.
 - 2. Aravalli is an example of block mountains.
 - 3. Guru Shikhar is the highest peak of Aravalli range.
 - 4. Aravalli hills lie perpendicular to the direction of monsoon winds causing heavy rainfall in eastern Rajasthan.
- Which of the above statements are correct?

- a) 1 and 3
- b) 2 and 4

- c) 1,2 and 3
- d) All of the above

27. The eastern and western coast of Indian peninsula has got contrasting features. Which of the following contrasts are correct about the coastal plains?

1. Eastern coast is an example of submerging coast while western coast is an example of emerging coast.
2. A number of rivers form deltas on the western coast, while it is not true for the eastern coast.
3. As compared to eastern coastal plains, the western coastal plains are much broader.

Select the correct code from the following

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

28. Consider the following statements about the Indian Thar desert

1. The underlying rock structure of desert is the extension of Peninsular plateau.
2. Fluvial erosion is common making mushroom rocks and shifting dunes.
3. Rivers flow in short streams and disappears showing inland drainage.

Which of the above statements are correct?

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

29. Consider the following statements regarding 'Deccan Trap':

1. It is a vast area of basaltic lava plateau.
2. The rocks are stratified into different layers showing multiple events of volcanism.
3. It is an area of large volcanic cones.

Which of the above statements are incorrect?

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

30. Consider the following statements regarding Bhabhar plains:

1. It is the northern most tracts of Indian plains lying at the foothills of Siwaliks.
2. It contains fine alluvium deposited by the Himalayan streams.
3. It is very fertile and suitable for cultivation of crops.

Which of the above statements are correct?

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

31. Consider the following

- 1. Bhangar
- 2. Terai
- 3. Bhabar
- 4. Khadar

As one travels from the Gangetic plain towards Shiwaliks in the north, the correct sequence of regions he/she will cross is?

- a) 1234
- b) 1243
- c) 4321
- d) 4123

32. Purvachal or the Eastern hills and mountains comprises

- 1. Naga Hills
- 2. Patkai Hills
- 3. Dafla Hills
- 4. Lushai Hills

Choose the correct answer from the code given below:

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

33. Consider the below statements with regard to Western Ghats and Eastern Ghats:

- 1. The mean height of the Western Ghats is more than that of Eastern Ghats.
- 2. The Eastern Ghats do not form a continuous chain like the Western Ghats.

Which of the statements given above is/are correct?

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

34. Consider the following characteristic features about Bhabar:

- 1. It contains calcareous deposits locally known as 'Kankar '.
- 2. Bhabar consists of old alluvial deposits, whereas Khadar consists of new alluvial deposits.

Which of the statements given above is/are correct?

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

35. Which among the following is/are mark the extent of Peninsular plateau?

- 1. Rajmahal hills

2. Gir range

3. Karbi-Anglong

Choose the correct answer from the code given below:

a) 3 only

b) 2 and 3 only

c) 1 and 2 only

d) None

36. Why Western Ghats in Karnataka receive more monsoon rainfall than Maharashtra and Kerala?

1. Due to continuous topography of the Ghats in Karnataka.

2. Due to the greater width of the mountains in Karnataka.

3. Mountains of Karnataka have very steep slopes.

Choose the correct answer from the code given below:

a) 1 and 2 only

b) 1 and 3 only

c) 1, 2 and 3

d) None

37. Which of the following factors influence the distribution of temperature of ocean water

1. Ocean currents

2. Wind patterns

3. Latitude

4. Unequal distribution of land and water

Options:

A) Only 1 & 2

B) Only 1&3

C) All of the above

D) Only 3&4

38. Consider the following statements:

Statement 1: continental shelf extends from the coastline of a continent to a drop-off point called the shelf break

Statement 2: Plants and algae make continental shelves rich feeding grounds for sea creatures.

Which of the following is correct?

A) Statement 1 Only

B) Statement 2 Only

C) Both Statement 1 & 2

D) Neither Statement 1 & 2

39. Which of the following is not correct regarding tides?

A) High tides help in navigation and fishing

B) Tides are helpful in desilting the sediments and in removing polluted water from river estuaries

C) The tidal bulges on wide continental shelves usually have lesser height.

D) The shape of bays and estuaries along a coastline can magnify the intensity of tides

Solution:

40. Assertion: The general movement of the currents in Northern hemisphere is anti-clockwise and in southern hemisphere, clockwise

Reasoning: This is due to the Coriolis force which is a deflective force

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

(b) Both A and R are true but R is not the correct explanation of A.

(c) A is true but R is false.

(d) A is false but R is true.

41. Consider the following statements with respect to salinity of ocean water

1. Salinity, generally, decreases with depth and there is a distinct zone called the **halocline** (compare this with thermocline), where salinity decreases sharply.

2. The ocean currents are one of the important factors in determining the salinity of an area

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

42. Wind, also influences salinity of an area by transferring water to other areas

Which of the following statements are

not true regarding oceans?

1) Waves are actually the energy, not the water as such, which moves across the ocean surface.

2) The actual movement of water beneath the waves is in a straight parallel line

3) The largest waves are found in the open oceans

4) The vertical motion in the ocean water bodies is referred to the waves

Options

a) 1 and 4

b) 2 and 4

c) 2 and 3

d) 1 and 3

43. Which of the following are favourable conditions for coral reefs formation

1) Presence of cold current

2) Shallow water

3) Salt free water

4) Sediment free water

5) Moving ocean water

options

A) 2, 3 and 5

B) 1, 3 and 4

C) 2, 4 and 5

D) 2, 3, 4 and 5

44. Recently cabinet approved signing of contract between India and International seabed authority for the exploration of which mineral in the Indian ocean?

- A) Petroleum
- B) Polymetallic Sulphides
- C) Shale gas
- D) Rare Earth minerals

45. Which of the following are not true regarding trenches?

- 1) These areas are the deepest parts of the oceans.
- 2) They are associated with active volcanoes.
- 3) They are not associated with strong earthquakes.
- 4) There are no trenches in the Indian Ocean

Options

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

46. Wave Energy plant in India is located in which Place?

- a) Srikakulam in Andhra Pradesh
- b) Gulf of Cambay bordering Gujarat
- c) Chandipur in Odisha
- d) Vizhinjam in Kerala

47. Which of the following are true about mid oceanic ridges?

- 1) Mid-ocean ridge is an underwater mountain system.
- 2) They have valleys known as rifts.
- 3) The mid oceanic ridges have a spreading center.
- 4) They are formed at divergent plate boundary.

Options:

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

48. Ocean currents : Desert formation

- | | |
|---------------|----------------|
| 1. Humboldt | Namib desert |
| 2. Benguela | Atacama desert |
| 3. California | Mohave desert |

Which of the following pairs are **not correctly** matched?

- A) Only 1
- B) Only 3
- C) Only 2 & 3
- D) Only 1 & 2

49. Consider the following statements regarding tides:

statement 1: When the sun, the moon and the earth are in a straight line, the height of the tide will be higher. These are called neap tides

Statement 2: The time between the high tide and low tide, when the water level is falling, is called the ebb.

Which of the statements given above is / are correct?

- A) Only 1
- B) Only 2
- C) Both 1 & 2
- D) Neither 1 nor 2

50. Consider the following statements :

1. Metallic minerals are usually found in igneous and metamorphic rocks that forms large plateaus.
2. Non metallic minerals are generally found in Sedimentary rock formations of plains and young fold mountains.

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

51. Regarding cyclones, which of the following is correct?

1) The Arabian Sea usually experiences larger number of cyclones than Bay of Bengal side.

2) The relatively colder waters of Arabian Sea are relatively less conducive for the formation of cyclones.

Options

- A) 1 only

- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

52. Regarding naming of cyclones, choose the correct option.

- 1) Cyclones originating in the North Indian Ocean basin between 45°E-100°E are named by the Indian Meteorological Department (IMD).
- 2) The naming of cyclones was started in 2000 by the World Meteorological Organisation (WMO) and the United National Economic and Social Commission for Asia and the Pacific (ESCAP).

Options

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

53. Match the following

- | | |
|-----------------------|------------------|
| 1) Rocky mountains | a) Australia |
| 2) Andes. | b) North America |
| 3) Atlas. | c) South America |
| 4) Great diving range | d) Africa |

Options

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

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

54. Which of the following is correct?

- 1) The isthmus is a narrow passage connecting two large water bodies like seas and oceans.
- 2) Strait is a narrow strip of land joining two land masses.

Options

- A) 1 only
- B) 2 only
- C) Both 1 and 2
- D) Neither 1 nor 2

55. Regarding the salinity patterns of world, which of the following is correct?

- A) Salinity of greater depths of oceans keep varying due to swift movement of water.
- B) The Mediterranean Sea records high salinity due to high evaporation
- C) Black Sea records low salinity due to fresh water influx from glaciers
- D) Maximum salinity is recorded near equator due to higher evaporation rate.

56. In context of addressing Himalayas as “Climate divide “ of Indian Sub continent ,which of the following is right?

i) Provides an invincible shield to protect the Sub-continent from the cold northern winds.

ii)It traps the monsoon winds, forcing them to shed their moisture within the subcontinent.

Choose the appropriate option

- a) i only
- b)ii only
- c)Both i& ii
- d)Neither I nor ii

57. Which of the following are true regarding ITCZ with respect to India?

i) The Inter Tropical Convergence Zone (ITCZ) is a high pressure zone located at the equator where trade winds converges.

ii) In the month of July, the ITCZ is located over the Gangetic plain.

Choose the appropriate option

- a)ionly
- b)ii only
- c)Both i& ii
- d)Neither I nor ii

58. Which of the following shall be held responsible for intensity of rainfall over the west coast of India

(i) The offshore meteorological conditions.

(ii) The position of the equatorial jet stream along the eastern coast of Africa.

iii) Western ghats lying parallel to South west monsoon winds.

Choose the appropriate option

- a) I, ii only
- b) ii, iii only
- c) I, iii only
- d) All of the above.

59. Which of the following are true regarding El-nino & Indian Monsoon?

i) Moisture and heat content gets limited in Indian Ocean region and results in reduction and uneven distribution of rainfall across the Indian sub-continent.

ii) . El Nino is a climatic phenomenon in the Indian ocean

Choose the appropriate option

- a) i only
- b) ii only
- c) Both
- d) None of the above.

60. Which of the following are correctly matched based on Koppen scheme of classification on Indian Topography?

- i) Amw – West Coast of India.
- ii) Aw – Peninsular plateaus
- iii) Bwhw – Extreme Western Rajasthan.

iv) Cwg – Gangetic plains.

Choose the appropriate option.

- a) I, iii only
- b) I, ii only
- c) I, iii, iv only
- d) All the above.

61. Which of the following is the impact of Monsoon on Indian Economy.?

i) Agricultural prosperity of India depends very much on timely and adequately distributed rainfall.

ii) Winter rainfall by temperate cyclones in north India is highly beneficial for Rabi crops.

Choose the appropriate option

- a) i only
- b) ii only
- c) Both i & ii
- d) Neither I nor ii

62. Which of the following are important rivers along the Eastern frontiers of Himalayas?

- i) Kameng
- ii) Subansiri
- iii) Dihang
- iv) Lohit

Choose the appropriate option

- a) i only
- b) I, ii, iv only
- c) I, iii only

d)All of the above.

c)Both i& ii

d)Neither I nor ii

63. Which is the important river flowing through Manipur as well As Mizoram?

a)Barak

b)Lohit

c)Brahmaputra

d)Dihang

64. Which of the following are Physiographic features that you can find in Peninsular plateau?

i)Block Mountains

ii)Series of rocky hills

iii)Wall like quartzite dykes.

Choose the appropriate code.

a)I,ii only

b)ii,iii only

c)I,iii only

d)I,ii,iii

65. Consider the following regarding Peninsular plateaus.

i)Peninsular plateau has undergone recurrent phases of upliftment and submergence accompanied by crustal faulting and fractures.

ii)Bhima fault is known for its recurrent seismic activities.

Which of the following is true?

a)ionly

b)ii only

66. Which of the following are true regarding Central Highlands ?

i)It is a classic example of the relict mountains which are highly denuded and form discontinuous ranges.

ii)This region has undergone metamorphic processes in its geological history.

Which of the following is true?

a)ionly

b)ii only

c)Both i& ii

d)Neither I nor ii

67. Consider the following regarding Andaman & Nicobar islands?

i)These islands receive convectional rainfall and have an equatorial type of vegetation.

ii)The Andaman and the Nicobar are separated by the 8 degree channel.

Which of the following is true?

a)ionly

b)ii only

c)Both i& ii

d)Neither I nor ii

68. In which of the following states is Loktak lake situated?

(a) Kerala

- (b) Uttarakhand
- c) Manipur
- (d) Rajasthan

69. Which of the following are the features that can be seen in the path of Himalayan rivers in it's youth stage?

- i) Deep gorges
- ii) V-shaped valleys
- iii) Rapids
- iv) Flood plains.

Choose the appropriate option

- a) I, ii, iii only
- b) I, iii, iv only
- c) I, iv only
- d) I, iii only

70. Why Peninsular rivers rarely form meanders.?

- 1. Hard rock surface of peninsular regions.
- 2. Non-alluvial character of plateau
- 3. High erosional capacity of rivers

Select the correct answer using the codes given below.

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

71. Consider the following comparison of Himalayan rivers and peninsular rivers. Which of the following is incorrect.?

i) Himalayan rivers are Antecedent and consequent leading to dendritic pattern in plains, Whereas peninsular rivers are Super imposed, rejuvenated resulting in trellis, radial and rectangular patterns.

ii) Himalayan rivers have relatively smaller basin, whereas peninsular rivers have very large basins.

Choose the appropriate option.

- a) i only
- b) ii only
- c) Both I & ii
- d) Neither I nor ii

72. According to Geo-morphological setup in India earthquakes are associated with

- i) Volcanic eruption
- ii) Landslides
- iii) Subsidence in the mining areas
- iv) Impounding of dams and reservoirs.

Choose the appropriate code

- a) I, iii only
- b) I, ii, iii only
- c) ii, iii only
- d) I, ii, iii, iv.

73. With reference to India tectonic plate which of the following is true?

- i) Continued growth in the Himalayas is likely due to the Indian tectonic plate still moving slowly but surely northward.
- ii) India was a large island situated off the Australian coast, in a vast ocean.

Choose the appropriate code

- a) i only
- b) ii only
- c) Both I & ii
- d) Neither I nor ii

74. Which of the following are true regarding the tectonic plate movement of Indian landmass.?

- i) Around 220 million years ago, around the time that Pangea was breaking apart, India started to move northwards.
- ii) Part of the Indian landmass began to go beneath the Asian plate, moving the Asian landmass up, which resulted in the rise of the Himalayas.

Choose the appropriate code

- a) i only
- b) ii only
- c) Both I & ii
- d) Neither I nor ii

75. Which one of the following is the type of plate boundary of the Indian plate along the Himalayan mountains?

- a) Ocean-continent convergence
- b) Divergent boundary
- c) Transform boundary
- d) Continent-continent convergence.

76. Consider the following about rock systems of India.

- i) Cuddapah rock system consist of sandstones and limestones deposited in synclinal basin.
- ii) Cuddapah rock system is part of Purana Rock system.

Which of the following are true.

Choose the appropriate code

- a) i only
- b) ii only
- c) Both I & ii
- d) Neither I nor ii

77. In the context of Himalayas, what do you mean by "Bugyals"?

(a) Bugyals are the tribes who migrate to grasslands in winter.

(b) Bugyals are the summer grasslands in the higher reaches.

(c) Bugyals are the nomadic group that leads all other groups in the Himachal Himalayas region.

(d) None of the above.

78. The Nilgiris along the west coast are relatively tectonically stable as compared to the Himalayas; but, still, debris avalanches and landslides occur though not as frequently as in the Himalayas, in these hills. Why?

1. Many slopes are steeper with almost vertical cliffs and escarpments in the Western Ghats and Nilgiris.
2. Mechanical weathering due to temperature changes and ranges is pronounced in this region.
3. They are mostly made up of sedimentary rocks and unconsolidated and semiconsolidated deposits.
4. They receive heavy amounts of rainfall over short periods.

Codes:

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

79. Which of the following is true regarding global Is other ms?

1. Isotherms of southern hemisphere are more regular and straight as compared to that of northern hemisphere.
2. In January the isotherms deviate to the north over the ocean and to the south over the continent in the Northern Hemisphere.

Codes:

- (a) Only 1
- (b) Only 2
- (c) Both
- (d) None

80. The Himalayan mountain ranges run in a west-east direction from the Indus to the Brahmaputra. Which of the following is 'incorrect' with reference to the Himalayas?

- (a) The altitudinal variations are greater in the eastern part of the Himalayas than those in the western part.
- (b) Beyond the Kali Gandaki gorge, the Himalayas bend sharply to the south and spread along the eastern boundary of India.
- (c) The Kali and Tista rivers demarcate the Nepal Himalayas and the part lying

between Tista and Dihang rivers is known as Assam Himalayas.

(d) The Purvachal hills and mountains running through the north-eastern states are mostly composed of sedimentary rocks.

81. Consider the following statements regarding River Chenab:

1. Source of this river is Bara lacha pass.
2. It is the largest tributary of river Indus.
3. The waters of Chenab were allocated to Pakistan under the terms of the Indus Water Treaty.
4. River Chandra is an upper tributary of river Chenab.

Which of the above statements are true?

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

82. Which of the following river is not a west flowing river?

- (a) Kalinadi
- (b) Palar
- (c) Bharathapuzha
- (d) Dhandhar

83. Which of the following characteristics are associated with ITCZ?

1. It is a convergence zone of sub-tropical easterlies and sub-tropical westerlies.
2. Shift of the ITCZ is a pre-requisite for onset of monsoon in India.

Codes:

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

84. Consider the following statements:

1. These regions have a mean monthly temperature which remains always around 26 °C with little variation and no winters.
2. These regions record the heaviest rainfall on this planet with over 200 centimeters which is well distributed throughout the year.
3. Due to substantial heat the mornings are bright and sunny with high evaporation.
4. These regions receive heavy convectional rain in the afternoon from the towering cumulonimbus clouds.

The above features are of which type of climate?

- (a) Humid Sub-tropical climate

(b) Equatorial Climate

(c) Tropical Savanna Climate

(d) None

85. Consider the following statements related to the Monsoon in India:

1. Tamil Nadu receives rain during winters

because it is situated parallel to the Bay

of Bengal branch of S-W monsoon.

2. Monsoon Rainfall in India is governed by relief or topography of the region.

3. Monsoon Rainfall has a declining trend

with increasing distance from the sea.

Which of the above statement(s) is/are true?

(a) Only 1

(b) 2 and 3

(c) 1 and 3

(d) All

86. Which of the following statement(s) is/are true regarding DUARS?

1. Duars are the floodplains and foothills of the eastern Himalayas around Bhutan.

2. Duars are famous for tea gardens and Orchids.

3. Teesta and Sankosh River flows through it.

Codes:

(a) 1 and 3

(b) 2 and 3

(c) 1 and 2

(d) All

87. Consider the following statements related to

the features of cold front:

1. The stable cold front forms cumulonimbus clouds.

2. As the cold front approaches, the atmospheric pressure drops.

Which of the above stated characteristics is/

are correct?

(a) Only 1

(b) Only 2

(c) Both

(d) None

88. Which of the following factors play a role in strengthening Indian Monsoon?

1. El Nino

2. Tropical Easterly Jet Stream

3. Mozambique Current

4. Upwelling of cold waters in Peruvian coast

5. Western Disturbances

Codes:

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

89. Which of the following statements is/are true about rainfall in India?

1. The amount of rainfall increases from eastern side to western side in Gangetic plains.
2. Eastern side of Western Ghats experiences more rainfall than the western side.
3. Entire eastern coast of India experiences winter rainfall through the north east monsoon.

Codes:

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

90. Which of the following statements is/are true about monsoon theory in India?

1. Thermal theory is based on basic theory of high pressure and low

pressure and change in direction due to equatorial westerly.

2. Jet stream theory suggest the presence of the westerly jet stream to the north of the Himalayas and the tropical easterly jet stream over the Indian peninsula during summer.

3. El Niño theory suggests a strong low pressure in Indian subcontinent and weak low pressure in Indian ocean.

Select the correct answer using the code below:

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

91. Which of the following are the benefits of Coral reefs?

1. Coral reefs act as buffer to currents, waves, and storms.
2. Coral reefs act as significant food source as it provides shelter to many species.
3. Coral reefs generate tourism through recreational fishing trips.
4. Coral reefs are the source of nitrogen and other essential nutrients for marine food chains.

Select the correct answer using the code below:

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

92. Which of the following is/are the characteristics of Indian monsoon?
1. Monsoon is pulsating in nature.
 2. It is characterized by seasonal reversal of winds.
 3. It leads to well distributed rainfall throughout the year.

Codes:

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

93. Ravines are the result of extensive and deep erosion of soil by the running water. In which of the following areas ravines are present in India?
1. Yamuna-Chambal Ravine Zone.
 2. Along the banks of the Narmada.
 3. Chota Nagpur region.
 4. Shivalik Foothills.

Codes:

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

94. Which of the following statements is/are true about economic importance of Deccan plateau?

1. Deccan plateau has black soil suitable for the growth of cotton.
2. The black soils of Deccan plateau are agriculturally infertile hence require high doses of fertilizers thus fertilizer industry has been developed in this region.
3. Deccan plateau is the result of basaltic lava flow thus is source of ferrous minerals.

Codes:

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

95. Which of the following statements is/are true about different types of rainfall?

1. Convectional rainfall is more frequent in tropical humid climate.
2. High rainfall in Western Ghats and Eastern Himalayas are the result of convectional rainfall.
3. Frontal rainfall is more frequent in tropical hot and humid regions of the world.

Codes:

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

- (c) Only 3
- (d) All

96. Through which of the following States Satpura Range runs?

- 1. Madhya Pradesh
- 2. Maharashtra
- 3. Rajasthan
- 4. Gujarat

Select the correct answer using the code below:

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

97. Which of the following pair(s) is/are correct?

- 1. NH 7 : Srinagar to Kanyakumari
- 2. NH 10 : Siliguri to Gangtok
- 3. NH 8 : Delhi to Mumbai

Codes:

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

98. In which of the following way geography is related with the economic development of North Indian plains?

- 1. The rich alluvial soils of north India provide fertile ground for agriculture.
- 2. Gangetic plains have huge concentration of agro-based industries.

3. Gangetic plains have huge deposits of mettalic resources which provide for setting up of quarrying industries.

4. Ganga River has the longest Inland Waterway due to presence of navigable rivers.

Codes:

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

99. Which of the following are the tributaries of the Cauvery river?

- 1. [Hemavati](#),
- 2. [Shimsha](#),
- 3. [Arkavathy](#)
- 4. Noyyal

Choose the correct option:

- a) Only 4
- b) 1 and 4
- c) 2 and 4
- d) All the above

100. Mount K2 is known for which of the following?

- a. K2, also known as Chhogori is the [highest mountain](#) in the world
- b. It is located in Karakoram range.
- c.. The gentle southern slopes make it a popular trekking spot.
- d. It is the source region for river Sutlej.