

Ravi Maths Tuition Centre

12 GEO - Climate and Natural Vegetation of India

10th Standard

Social Science

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Multiple Choice Question

- Western disturbances cause rainfall in _____.
(a) Tamilnadu (b) Kerala (c) Punjab (d) Madhya Pradesh
- _____ helps in quick ripening of mangoes along the coast of Kerala and Karnataka.
(a) Loo (b) Norwester (c) Mango showers (d) Jet stream
- _____ is a line joining the places of equal rainfall.
(a) Isohyets (b) Isobar (c) Isotherm (d) Latitudes
- Climate of India is labelled as _____.
(a) Tropical humid (b) Equatorial Climate (c) Tropical Monsoon Climate (d) Temperate Climate
- The monsoon forests are otherwise called as _____.
(a) Tropical evergreen forest (b) Deciduous forest (c) Mangrove forest (d) Mountain forest
- Sesahachalam hills, a Biosphere reserve is situated in _____.
(a) Tamil Nadu (b) Andhra Pradesh (c) Madhya Pradesh (d) Karnataka
- _____ is not a part of the world network biosphere reserves of UNESCO.
(a) Nilgiri (b) Agasthiyamalai (c) Great Nicobar (d) Kachchh
- Meteorology is the science of _____.
(a) Weather (b) Social (c) Political (d) Human
- We wear cotton during _____.
(a) Summer (b) Winter (c) Rainy (d) Northeast monsoon
- _____ forests are found above 2400m Himalayas.
(a) Deciduous forests (b) Alpine forests (c) Mangrove forests (d) Tidal forests
- Wildlife Research Institute of India located at _____.
(a) Ludhiana (b) Dehradun (c) Bhopal (d) Jodhpur
- There are _____ National parks and _____ wildlife sanctuaries created across India
(a) 102,515 (b) 104,520 (c) 103,520 (d) 104,520
- There are about _____ Mammals and _____ reptiles in India
(a) 458, 446 (b) 460, 464 (c) 470, 480 (d) 490, 450
- Isobar is a line joining places having equal _____.
(a) temperature (b) pressure (c) cloud cover (d) Sunshine
- The Indian Board for Wildlife (IBWL) was constituted in _____ to suggest means of protection, conservation and management of wildlife to the government.
(a) 1950 (b) 1954 (c) 1952 (d) 1951
- _____ is also called the British climate.
(a) Continental climate (b) Humid climate (c) Equable climate (d) Hot climate

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17) The most dominant factor which affects the climate of India is _____.

- (a) Soil (b) Natural vegetation (c) Monsoon winds (d) Rainfall

18) Western disturbance cause rainfall in _____.

- (a) Odisha (b) Kerala (c) Punjab (d) Andhra Pradesh

19) The _____ is the state animal of Andhra Pradesh.

- (a) Black Buck (b) Nilgiri Tahr (c) Asiatic lion (d) Snow leopard

20) Biosphere Reserve in Odisha is _____.

- (a) Panna (b) Simlipal (c) Manas (d) Cold desert

21) Mawsynram a place which receives highest rainfall in the world is in _____.

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

Fill in the blanks

22) When the altitude increases the temperature _____.

23) As we go higher and higher the temperature decreases. This phenomenon is known as _____.

24) The Southwest monsoon begins to blow from the month of _____.

25) The Southwest monsoon begins to retreat from north India by the end of _____.

26) The sudden approach of monsoon wind over south India with lightning and thunder is termed as the _____.

27) Mawsynram is located in the state of _____.

28) The trees of the Alpine forests are called _____ trees.

29) _____ climate is neither too hot nor too cold.

30) _____ are the fast moving winds blowing in a narrow zone in the upper atmosphere.

31) During _____ the sun's rays fall vertically over the Tropic of cancer.

32) During the winter season, the pressure and wind belts shift southward, there by establishing the _____ monsoon.

33) _____, _____ are the local storms with thunder that blow from north western part and rain lasting for short durations.

34) The monsoon is influenced by global phenomenon like

35) The _____ branch moves towards northeast India and Myanmar.

36) The Government of India enacted _____ Ac in 1972 with the objective of effectively protecting the wildlife of the country.

37) _____ refers to the state of atmosphere of a place at a given point of time.

38) Over all about _____ percentage of Indian rainfall is received from south west monsoon.

39) The average annual rainfall of India is

40) _____ are found in areas with 200 cm or more annual rainfall.

41) _____ are found in the areas with 100 to 200 cm annual rainfall. These are called 'Monsoon Forests'.

42) _____ are found in the areas with 50 to 100 cm annual rainfall.

43) Desert and Semi-desert Vegetations are also called as

44) The Indian government has established _____ Biosphere Reserves.

45) _____ Forests are found on the slopes of the mountains in north-east states.

Match the following

46) Sundarbans

(1) Season

47) Biodiversity hotspot

(2) October-December

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24 x 1 = 24

15 x 1 = 15

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- 48) North east monsoon
- 49) Tropical thorn forests
- 50) Coastal forests
- 51) Project Tiger was launched in
- 52) Project Elephant
- 53) World Earth Day
- 54) World Water Day
- 55) World Forest Day
- 56) Highest rainfall
- 57) Mausim
- 58) Black Buck
- 59) Nilgiri Tahr
- 60) Kalbaisakhis

- (3) Punjab
- (4) 21st March
- (5) Mawsynram
- (6) Feb 1992
- (7) Tamil Nadu
- (8) Littoral forest
- (9) West Beangal
- (10) The Himalayas
- (11) April 1973
- (12) Norwesters
- (13) 22nd April
- (14) Desert and semi desert vegetation
- (15) 22nd March

Choose the inappropriate answer

4 x 1 = 4

- 61) Tidal forests are found in and around _____.
(a) Desert
(b) The deltas of Ganga and Brahmaputra
(c) The delta of Godavari
(d) The delta of Mahanadi
- 62) Climate of India is affected by _____.
(a) Latitudinal extent
(b) Altitude
(c) Distance from the sea
(d) Soil
- 63) Norwesters cause rainfall to the state of _____.
a) Assam
b) Bihar
c) Odisha
d) West Bengal
- 64) The storm which occurs in the Bay of Bengal causes rainfall to _____.
a) Tamil Nadu
b) Andhra Pradesh
c) Madhya Pradesh
d) Karnataka

Give Reason

4 x 1 = 4

- 65) India has a tropical monsoon climate.
- 66) Mountains are cooler than the plains.
- 67) Western Coastal plain is narrow.
- 68) India has a rich and diversified wild life.

2 Marks

22 x 2 = 44

- 69) What is meant by 'normal lapse rate'?
- 70) What are 'jet streams'?
- 71) Write a short note on 'Monsoon wind'.
- 72) Name the four distinct seasons of India.
- 73) What is 'burst of monsoon'?
- 74) Name the areas which receive heavy rainfall.

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- 75) State the places of mangrove forests in India.
- 76) Write any five biosphere reserves in India.
- 77) List the factors affecting climate of India.
- 78) Define 'Meteorology'.
- 79) Name the trees of tropical evergreen forest.
- 80) What is 'Project Tiger'?
- 81) What are Mango showers?
- 82) Write a note on Riverine forest.
- 83) Define Wildlife.
- 84) Write a note on Convention on Biological Diversity.
- 85) What is a wildlife sanctuary?
- 86) How can Indian Natural vegetation be classified?
- 87) What are biosphere reserves?
- 88) What do you mean by Monsoon?
- 89) What is natural vegetation?
- 90) What are the factors controlling the climate of India?

Distinguish between

9 x 2 = 18

- 91) Weather and Climate.
- 92) Tropical Evergreen Forest and Deciduous Forest.
- 93) North East Monsoon and South West Monsoon.
- 94) Loo and Norwesters.
- 95) Coastal forests and Tidal forests.
- 96) Tropical dry forest and Desert and semi desert vegetation.
- 97) Eastern Himalayan Forest and Western Himalayan Forest.
- 98) Windward side and Leeward side of the mountains
- 99) Summer Season and Winter Season.

Assertion and reason

5 x 2 = 10

- 100) **Assertion(A):** The Himalayas acts as a climatic barrier.
Reason(R): The Himalayas prevents cold winds from central Asia and keep the Indian Sub-continent warm. (Give option for this questions)
a) Both (A) and (R) are true: R explains A.
b) Both (A) and (R) are true: R does not explain A.
c) (A) is true (R) is false.
d) (A) is false (R) is true.
- 101) **Assertion(A):** Monsoons are a complex meteorological phenomenon
Reason(R): Meteorologists have developed a number of concepts about the origin of monsoons.
Codes:
a) Both (A) and (B) are true R explains A
b) Both (A) and (B) are true R does not explain A
c) (A) is correct (R) is false
d) (A) is false (R) is true

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- 102) **Assertion (A):** The Himalayas act as climatic barrier
Reason (R): The Himalayas prevents cold winds from central Asia and the keep the Indian subcontinent warm.
Codes:
 (a) Both A and R are true R explains A
 (b) Both A and R are true R does not explain A
 (c) A is true and R is false
 (d) A is false and R is true
- 103) **Assertion (A):** Wild animals are non - domesticated animals and include both vertebrates and invertebrates.
Reason (R): India has a poor and undiversified wild life.
Codes:
 a) Both (A) and (R) are true; R explains A
 b) Both (A) and (R) are true; R does not origin A
 c) (A) is correct (R) is false.
 d) (A) is false (R) is true.
- 104) **Assertion (A):** During cold weather seasons, the vertical rays of the sun fall over Tropic of Capricorn which is far away from India.
Reason (R): Hence, India receives the slanting sun's rays which results in low temperature.
Codes:
 a) Both (A) and (R) are true; R explains A.
 b) Both (A) and (R) are true; R does not origin A
 c) (A) is correct (R) is false.
 d) (A) is false (R) is true.

5 Marks

9 x 5 = 45

- 105) Write about South West Monsoon.
- 106) Describe the forests of India.
- 107) Write the names of biosphere reserves and their location in India.
- 108) Explain about any two factors affecting the climate of India.
- 109) Explain about Retreating or North East Monsoon.
- 110) Analyse any two factors affecting the climate of India.
- 111) What are the factors affecting the climate of India and explain any two in detail?
- 112) Write about the Biosphere Reserves of India.
- 113) Explain the Wild life of India.

Maps - 8 marks

6 x 8 = 48

- 114) Mark the following on the outline map of India.
 1. Direction of South West Monsoon wind.
 2. Direction of North East Monsoon wind.
 3. Areas of heavy rainfall.
 4. Mountain forests.
 5. Panna biosphere reserve
 6. Agasthiyamalai biosphere reserve
- 115) Mark the following on the outline map of India.
 1. Karakoram Mountain Range 2. R. Mahanadi 3. Deccan plateau 4. Direction of North East Monsoon 5. Areas of very low rainfall 6. Agasthiya Malai bisphere 7. Areas of Jute Cultivation 8. Damodar dam 9. Black soil region 10. Mumbai
- 116) Mark the following on the outline map of India.
 1. Direction of South West Monsoon wind.
 2. Direction of North East Monsoon wind.
- 117) Write in detail about the breakdown of the International System of Exchange.
- 118) Assess the Structure and the activities of the UN.

- 119) Mark the following on the outline map of World.
1. Axis Power Countries.
 2. Nagasaki.
 3. Moscow.
 4. Hawaii Island.
 5. San Francisco

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