Tender Heart High School Sector 33B Chd Geography. Class 10. 15.7.24. Mini Chapter 5(Revision) WE THE PUBLICHE

Study Notes Climate refers to the sum total of weather conditions and variations over a large area for a long period of time

- (approximately more than thirty years).
- India experiences four season viz. hot and dry summer season, hot and wet rainy season, retreating monsoon There is great variation in climatic conditions in India due to large latitudinal extent, proximity to sea, northern
- mountain range, upper air circulation and seasonal variation in wind. Maritime climate refers to climate experienced by the places close to the sea. It is neither too hot nor too cold.
- Extreme or continental climate refers to great variation in maximum and minimum temperature.
- India receives rain from SW monsoon, NE monsoon and also from western disturbance.
- Distribution of rainfall in India is uneven.
- The climate of India greatly affects economy of India.

Matter and bodd bird back

- Range of temperature refers to the difference between maximum and minimum temperature. If the annual range is about 10°C, the place has equable climate. If the range is more, then the place experiences extreme climate.
- Annual rainfall is total rainfall in a year.
- Orographic rainfall occurs when moisture laden winds are obstructed by mountains which is forced to rise up and precipitate.
- Windward side refers to the side facing the moisture laden winds and which receives more rainfall.
- Leeward side refers to the side opposite side of the mountain where the rainfall is less than windward side.
- Tropical depression is a low pressure system originating in the tropics and is associated with strong cyclonic winds, high waves and heavy rainfall.
- Temperate cyclone is a low pressure weather system that develops in mid latitudes.

QUESTION BANK

I. Short answer questions (2 Marks)

- 1. Name any four factors affecting climate of India.
- Ans. The factors that affect climate of India include:
 - (i) The Himalayas.
 - (ii) Influence of water bodies such as the Bay of Bengal, the Arabian Sea and the Indian Ocean, etc.
 - (iii) Latitudinal extent and the role of the Tropic of Cancer
 - (iv) Altitude

2. Explain the role of Himalayas in the origin of climate of India. i here the Induces which an enable (in) (i) The Himalayas block chilly cold winds blowing from Arctic Ocean towards India during winter and save Ans. us from them. in the record of the research definition as the residue of the record of the term (ii) They also block moisture laden winds blowing from India to Central Asia and thus cause more rain in Indian territory. thit I is reconclute for decreased quantity of stanfall in found 3. What's the role of water bodies in determining the climate of India? 15. Blint is Charlen Beat? (i) Arabian Sea, Bay of Bengal and the Indian Ocean change the climate. Stren self to be the inft (i) - and Ans. (ii) They provide moisture to the coastal areas and hence Western Coastal areas get more rain than the interior parts. woather. This as called as October heat 4. Explain the role of Jet streams in affecting the climate of India. 167 Provis da lever Third of Mary on Ans. (i) The westerly jet stream prevails over NW and brings winter rainfall while the easterly jet streams steer tropical depression over India. Are her subustran galusita borred toda a tavo kungu sola syaste (ii) These depressions play important role in the distribution pattern of monsoon rainfall. The highest rainfall occurs along the track of these depressions. 1422 5. Name the major seasons of India. Whit are RetReading Stone on particular of the second 17 (i) Retreat means to withdraw tak rolated as Ans. The major seasons of India: • The cold and dry winter season of NE monsoons (December to February) double to ognize a set if • The hot and dry summer season (March to May) white an atom most lever of the • The hot and humid rainy/monsoon season (June to September) • The period of retreating monsoon (October and November) ai boundrous at aburdly out don't a second to 6. What is 'Western Disturbance'? (i) Contin (i) It is a Mediterranean Depression originating over the Mediterranean Sea and surrounding region. .2527 Ans. (ii) It brings rainfall in winter to Punjab and Haryana and snowfall to Jammu and Kashmir. 1903 Mesters Reputches success to confide numful. Replance What is loo? State its effect. 7. (i) It's a hot, dry and dusty wind blowing over the Great Indian plain during May and June. Ans. (ii) Effect: At this time temperature rises up to 45 to 50 degree which causes sun strokes in Bihar, U.P., Haryana and Punjab. conservables to the Arayalli. Hills an and a 8. What are mango showers? Why are they called so? town throw only trucky whom environ all small for .01 (i) Pre-monsoon showers occur in Maharashtra's coastal region in April and May and they bring useful rain. Ans. (ii) As they are useful for ripening of mangoes, they are called mango showers in Konkan. (ii) 9. What are cherry /coffee blossom showers? Why are they called so? THE SEALONL Ans. Pre-monsoon winds occur in coastal region of Karnataka and Kerala in April and May and bring useful rain. As they are useful for coffee cultivation, they are termed as coffee blossom. an handling all paint all State benefits of Kalbaisakhi and coffee blossom respectively. at alde son it and it to altrop contrabilit 10. (i) Kalbaisakhi rain is useful for production of rice and jute in West Bengal and tea crop in Assam. Ans. (ii) Cherry blossom help in cultivation of coffee and tea crop in Karnataka and Kerala. (ii) cainc What is the most important feature of the tropical monsoon type of climate? betwo and which one 11. (i) The most important feature of the tropical monsoon type of climate is alternation of seasons. Ans. (ii) From June to September these winds blow from SW to NE and in winter they blow from NE to SW. er12. What are Jet Streams? (a) gubinond late, busersonness and forthered account of the real real of (i) These are the air currents which develop in the upper layer of the atmosphere (3 to 5 km above the surface). Ans. (ii) The westerly jet stream prevail over NW and bring winter rainfall while the easterly jet streams steer tropical depression over India. (iii) These depressions play an important role in the distribution pattern of monsoon rainfall. The highest rainfall Mariles II HE occurs along the track of these depressions. Let thread this econor which blowing here 13. What do you mean by monsoon? 11to in the sty but the strated (i) Monsoon is derived from an Arabic word mausim which means season. Ans.

	(ii) Monsoon is the seasonal reversal in wind direction during a year.
N	 (ii) Monsoon is the seasonal reversal in wind direction during a year. 14. What is El nino? State its effect on Indian climate. Ans. (i) It is a warm ocean current which sometimes appears off the coast of Peru in South America during the month of December.
1.	(ii) It is responsible for decreased quantity of rainfall in India.
	 15. What is October heat? Ans. (i) The retreat of the monsoon is marked by clear skies and a rise in temperature. (ii) The land remains moist, this combination of high temperature and humidity gives rise to sultry and oppressive weather. This is called as October heat.
	16 P. J. S. Stranger and Stranger and Stranger and Stranger
	 Ans. A burst of monsoon refers to a sudden and heavy increase in rainfall during the monsoon season. It brings intense downpours over a short period, affecting agriculture and potentially causing floods. (ii) Which state is the first one to experience it? Ans. Kerala
14 14	Ang (i) D
)	(ii) It is a stage at which monsoon winds withdraw from India due to change in the position of the sun. The withdrawal from north to south occurs during October and November.
r a	18. Which type of climate is experienced in the Northern plains of India? State one main characteristic of this
	 of climate. Ans. (i) Continental/Extreme type of climate is experienced in Northern plains of India. (ii) It's very hot during the summer and very cold during the winter. 19. Western Raiasthan receives year little rainfall. Furthern
	Ans. (i) The SW monsoon winds blowing from the Arabian Sea run parallel to the Aravalli and hence do not get blocked and hence give little rain.
2	(ii) The Bay of Bengal Branch of SW monsoon winds get exhausted by the time they reach Rajasthan. They blow parallel to the Aravalli Hills.
¢	20. (i) Name the seasons during which the north-east trade winds dominate the Indian subcontinent. Ans. Winter
а. ¹⁹	 (ii) In which season do the abovementioned winds get completely reversed? Name the four months covered by this season. Ans They get reversed during hot and wet rainy season for a line of the season.
	Ans. They get reversed during not and wet ramy season from June to September, the second seco
	 21. At a place like Bhopal, one can see the midday sun exactly overhead twice a year, while at Vidisha, only a few kilometres north of it, one is not able to do so even once. Give reasons. Ans. (i) Bhopal lies to the south of the Tropic of Cancer, whereas Vidisha lies to the north of it. It is a subscription of the tropic of Cancer, whereas Vidisha lies to the north of it.
	 (ii) The mid-day sun can be seen exactly overhead only within the Tropics region and never beyond the Tropics and Vidisha lies outside the Tropics.
	 22. Mention any two characteristics of winter season in India. Ans. Some of the features of winter season are (i) Clear sky (ii) Pleasant weather (iii) Low temperature and humidity (iv) Winter rainfall in some parts (v) High range of temperature and Slow moving NE monsoon winds
	23. Some parts of India receives rainfall even in winter. Explain.
	 Ans. (i) The NE monsoon winds blow from land towards sea. These winds pick up moisture from the Bay of Bengal and cause about 70 cm rainfall in coastal regions of Tamil Nadu (Coromandal coast). (ii) During this season, winds blowing from the Mediterranean Sea called Western Depression bring moisture
	(11) During time give rainfall in Punjab and Haryana.

24. Why monsoon do begins to retreat monsoon in October? anythe supersonal enables a descent to Claudie (i) After September, the temperature begin to decrease and thus high pressure area begins to form in Northern Ans. part of India in October month but at that time southern India is still warm and has Low Pressure. (ii) Thus, the SW monsoon winds cannot reach the Northern part due to the presence of high pressure but can reach southern India, thus, they begin to get retreated from northern India. This retreating is not a 180 degree turn. 25. What are the characteristics of retreating monsoon? A sunt anos bis names with the still show the Zath come (i) During this season low monsoon troughs get weak and are replaced by high pressure. So, the monsoon is Ans. starting to withdraw. It withdraws completely from the Northern Plains by the beginning of October. (ii) This stage is the transition time from the hot rainy season to the cold winter season? (iii) It is characterized by a clear sky, moist soil and high temperatures that give rise to the heat of October. nen one lla erret dation events 26. Explain the term 'October Heat'. (i) The months of October-November form a period of transition from hot-rainy season to dry winter conditions. Ans. (ii) The retreat of the monsoon is marked by clear skies and rise in temperature. While day temperatures are high, nights are cool and pleasant. (iii) The land is still moist. Due to the conditions of high temperature and humidity, the weather becomes 1115 oppressive during the day. It is commonly known as 'October Heat'. uniducess formersently (ii) Write a short note on tropical cyclone. Sit no are cooping acade, and and contract internation of the 27. (i) Tropical cyclones are of the thermal origin and develop over the Tropical Seas, like the Bay of Bengal and Ans. referencements at all some states being endered, states h the Andaman Sea. (ii) They cause heavy rainfall, strong winds and high waves in the eastern coastal areas. They are of short mai duration lasting for few minutes to hours but are potentially very destructive. 28. Why does rainfall decrease from South to North? an entropy but lesso more out to coll juncted? (ii) (i) Rainfall decreases from south to north as the moisture laden winds begins to lose moisture as they move Ans. 2. This were in son south news, any contenter, soon full the wheel Wheel from south to north. (ii) In the south, the SW monsoon reach by June but in North India near Uttar Pradesh they reach by 15th July. ana ana amin'ny faritany amin'ny faritan'i Ana amin'ny faritana amin'ny faritana amin'ny faritana amin'ny farit Thus the duration is too less. 29. Name two types of cyclonic systems that affect India and two areas that receive rainfall from these systems. Ans. Two cyclonic systems that affect India are: at obivit offening being set beilite our argument of the 113. 4- 418. (i) Temperate cyclones affecting north-west of India in winter (Punjab and Haryana). (ii) Tropical cyclones in October affecting Tamil Nadu and Andhra Pradesh. A torg and bed for the state of th . The second motion of the second front strate and the during the second M. I. See Sty See ริโลย สัญหากล่ พอแปร ณี นพมาย กมากๆ สมมารถ การการกา III. Give Reasons 1. Kerala receives more rain than Jharkhand/Punjab/ UP/Bihar etc. Multilizade and the second to mark the received to the recei (i) Kerala is the first state to receive rain from the SW monsoon wind's Arabian Sea branch. 11.1 .190 Ans. (ii) It receives rain for almost 6 months that is from June to September from SW monsoon winds and then for un sem 2 months from Retreating monsoon winds in October and November. Walls off the Islaw (iii) Major part of it lies on the windward side and hence get more precipitation. richtig dos in ostracia

2. El Nino causes drought conditions in India.

(i) Generally, El Nino and the Indian Monsoon rains are inversely related. Trade winds coming from South Ans. America normally blow westward towards Asia during south-west monsoon.

(ii) Warming of the Pacific Ocean results in weakening of these winds. Therefore, moisture and heat content gets limited and results in reduction and uneven distribution of rainfall across the Indian sub-continent.

3. Monsoon affects Indian economy.

(i) India is agricultural country. India's 64% agriculture depends on monsoon as only 36% land has irrigation Ans. facilities.

(ii) Monsoon is erratic, unevenly distributed and variable in nature.

to an the value of the design of the second field (iii) Hence, fluctuation in monsoon adversely affect our economy.

4. Climate of North is relatively warmer compared to places on the same latitude elsewhere in the world. (i) India's north part though lying in the temperate zone, does not experience sudden decrease in temperature as the Himalayas block the cold winds coming from China/Arctic Ocean and thus protecting us from them. Ans. (a) Thus, the SW department of the month of the diama (ii) This results into sub-tropical conditions. 5. Winter is severe in north India compared to south India. (i) North India lies in the temperate zone thus receives less radiation from the sun compared to south India Ans. STOK . (ii) South India as surrounded by the sea on three sides has moderating effect of sea on its major parts. 6. Part between Chhota Nagpur Plateau and Thar Desert experience rainfall during summer. Explain. Ans. (i) During this time very low pressure belt develops between the Thar Desert and Chhota Nagpur plateau which The winds from the Arabian Sea and Bay of Bengal are moisture laden and hence give rainfall once they (ii) reach that region. Chennai/Tamil Nadu receives less rain than Thiruvananthapuram/Kochi although it has more rainy days. 7. (i) Chennai receives rain from north-east Monsoons during October-November which is not very strong, and Ans. blows over a small portion of the Bay of Bengal hence gives less rain. (ii) Whereas Thiruvananthapuram/Kochi receives very heavy rain from south-west monsoons which are strong and carry more moisture. Moreover, these places are on the windward side. The company monthly interesting interest 8. Mangalore and Chennai lie on the same latitude, yet Mangalore receives its rainfall from June-September, while Chennai receives most of its rain in November-December. What are the reasons for this difference? (i) Mangalore lies on the western coast of India and receives rain from south-west monsoon, which blow from Ans. 3.8 24 ei ei June-September, 12.5 (ii) Chennai lies on the eastern coast and receives its rain from north-east monsoons that blow from December (ns. (i) Reinitali decreases insuranting or contract the monotone tasks where to February. strong to dealer anothe sales 9. Hill stations in the south never experience snowfall in winter. Why? Ans. The hill stations in the south lie in the tropical region closer to the Equator, hence the temperature never reaches THE A DUSCHER DUTY IN THE to 0 degree there. 10. Himalayas are called the perfect climatic divide? Explain their two-fold functions in this regard. (i) The Himalayas are called the perfect climatic divide as they divide both sides into two different climatic Ans. zones viz. subtropical and temperate i.e. the twofold functions of the Himalayas. (ii) The Himalayas protect the subcontinent from the bitter cold winds of Central Asia and do not allow the rain-bearing winds from leaving our country. 11. The diurnal range of temperature during summer greater at Bikaner, Delhi, Patna, Nagpur, Kanpur, etc. than at Panjim, Chennai, Vishakhapatnam, Kochi, Mumbai, etc, Why? (i) Diurnal temperature refers to the difference between maximum and minimum temperature during a day. Ans. (ii) Land gets heated faster and cools also faster quickly hence the temperature rises and lowers quickly giving rise to higher diurnal range of temperature at Bikaner, Delhi, Patna, Nagpur, Kanpur, etc. (iii) Water on the contrary gets heated slowly and cools also slowly quickly hence the temperature does not change much giving rise to higher diurnal range of temperature. 12. Shillong gets less than 200 cms of rainfall in the year while Cherrapunji receives more than 1250 cms of rainfall. Ans. (i) Shillong is situated on the leeward side of the Khasi Hills, whereas Cherrapunji is on the windward side of the same mountain. (ii) Therefore, Cherrapunji gets more precipitation as the Bay of Bengal Branch of SW monsoon winds strike the hills where Cherrapunji is located and Shillong being on the rain shadow side gets less rain. 13. There are great variations in the climate of India? (a) the last even a select (a) Ans. There are great variations in the climate due to the following factors: and a striking (a) The vast latitudinal expanse. the constant of the second (b) The varied topographical features. a geos selected i start i tanta con el estrunt de publik 🖗 e

n no i N	(c) The vast size of the Indian landmass. a monome 48 to housed not not be monoted output of the manual stance from the sea.
	(1) Manage and the sent at validus distance from the both
14. Ans.	 Mangalore, Mumbai and Kochi experience more rainfall than Mysore/Pune/Combatore, etc. (i) Mangalore, Mumbai and Kochi receive more rainfall since they lie on the western side of Western Ghats. (ii) Mysore, Pune and Coimbatore on the eastern side, lie on the leeward side where the moisture content (iii) Mysore, Pune and Coimbatore on the eastern side, lie on the leeward side where the moisture content
15. Ans.	It is cooler on the mountain slopes than in the plains during summer to to the state of the stat
16. Ans.	Mumbai, Kochi, Chennai, Panaji, etc are warmer than Kanpur/Luckhow, Fund, and Fund, and Fund, (i) Mumbai, Kochi, Chennai and Panaji have coastal location and, hence, they experience the moderating effective statements of the statement of the st
	(ii) Kanpur, Lucknow, Patna and Jaipur have continental location and are further away from the equator ar
	West coastal plains receive more rainfall than the eastern coastal plains. (i) Western side of the Western Ghats receives direct rain from south-west monsoon which blow over value Arabian Sea and carry more moisture, whereas Eastern Coastal plain lies in the rain shadow or leeway side of Western Ghats hence receives very little rainfall.
Ans.	(ii) It receives little rain from NE monsoon though. The interview of the second work with a second work of the second work of
19.	The coastal areas of India do not experience a significant variation in temperature between summer and wint
Ans.	months. The coastal areas do not experience much variation in temperature because they are influenced by the moderatin
ist.	effect of the sea. And She bonon of the side to entire held to entire to the period of She was seen as a second dependence of the search of th
20.	Mumbai receives rainfall in the summer season, while Chennai receives rainfall from October to December.
Ans.	(i) Mumbai is situated on the western coast and receives all its rain from the Arabian Sea branch of the Sout West Monsoons from June to September 2 disq WZ ni angooth but anirely milbel are the X and
-: jelu	(ii) Chennai is situated on the Bay of Bengal and it receives rainfall from the North-East Monsoon winds.
21. Ans.	Mahabaleshwar is cooler than Ahmedabad. (i) Mahabaleshwar is located at higher altitude compared to Ahmedabad.
3 en 1	(ii) Greater the altitude, lower the temperature that is why Mahabaleshwar is cooler than Ahmedabad.
III. D	fferentiate between the following.

Ans.		Equable Climate	Extreme Climate
	(i)	In this climate, summers are not very hot and winters are not very cold.	In this climate, summers are very hot and winters are very cold.
× 1	(ii)	Here, annual range of temperature is low.	Here, annual range of temperature is high.
	(iii)		They are located away from the sea shore.

2. Differentiate between Arabian Sea branch of SW monsoon winds and Bay of Bengal branch of SW monsoon winds.

1. A.	winas.		Bay of Bengal Branch		
Ans.		Arabian Sea Branch			
er (d) .	(i)	This branch is stronger than the Bay of Bengal branch.	This branch is weaker than the Arabian Sea branch.		
tia de	(ii)	It in fall to India It	It brings less than 20 per cent rainfall to India.		
3. <i>L</i>	Differenti	ate between SW monsoon winds and NE mons	coon winds.		
Ans.		SW Monsoon Winds	NE Monsoon Winds		
2 (1) - 2 T	(i)	They blow from June to September.	They blow from December to February.		
1	(ii)	They bring more rainfall to India.	They bring very little rainfall to India.		

4. Differentiate between Temperate Cyclone and Tropical Cyclone.

They blow from sea to land.

2.0			and the second				
Ans.		Temperate Cyclone	Tropical Cyclone				
145° 22.22	(i)		They are of the thermal origin and develop over				
Deside Th	1.1	-	the Tropical Seas like the Bay of Bengal and the				
10		iterranean Sea.	Andaman Sea.				
.*	(ii)	They bring light showers in NW India for	They cause heavy rainfall, strong winds and high				
- A - A - A - A - A - A - A - A - A - A		several weeks. Also, it bring snowfall in the	waves in the eastern coastal areas. They are of short				
Tane the second	<u>8</u> .0	higher altitude.	duration lasting for few minutes to hours but are po-				
Section 1		whether we want of the stand street a section	tentially very destructive. and he radially well				

IV. Answer the following (3 Marks)

(iii)

in. The coastal areas of India to not expression is significant in

(mi)

They blow from land to sea except a part that blows

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over the Bay of Bengal.

- 1. Mention any three characteristics of the SW monsoon winds.
- Ans. (i) Except for Tamil Nadu, they give rainfall to entire India for the period of 2 to 4 months and this rainfall is unevenly distributed.
 - (ii) Monsoon is erratic in nature which is evident from the fact that floods cause damage to life and property in Northern Indian Plains and droughts in NW parts of Rajasthan.
 - (iii) The most important aspect of this rainfall is that its nature is OROGRAPHIC caused mainly by the Himalayas and the Sahyadris.
 - (iv) Economy of India mainly depends on agriculture which is influenced by the Monsoon. 64% of the agriculture depends on it.
 - (v) Monsoon winds are erratic, irregular and uncertain. Variability of monsoon in space and time causes havoc in agriculture of India.
 What is Kalhaisakhi? State their effects
- 2. What is Kalbaisakhi? State their effects.
- Ans. In May, hot and dry winds blow towards Bay of Bengal and warm and moist wind blow from Bay of Bengal towards land. When these winds collide, it results into heavy rain with thunderstorms. These storms are known as Kalbaisakhi in West Bengal and Assam and in Punjab and Uttar Pradesh they are called as Norwesters. Benefits: This rain is useful for tea crop in Assam and for jute and rice in West Bengal.
- 3. (i) Name the place in India, which receives the heaviest rainfall.
- ns. (i) The place in India which receives the maximum rainfall is Mawsynram.

(ii) Name the state in India, where this place is located. Ans.' It is located in Meghalaya. Low edi to bolio patterabolic add prod yorks at it shy restanth in junad) unit (iii) Name the winds which are responsible for heavy rainfall. Ans. The Bay of Bengal Branch of south-west monsoon

- 4. What are the characteristics of summer season in India?
- (i) As the sun's rays fall vertical over Tropic of Cancer, the temperature begins to rise. The average temperature Ans. is above 30°C, the maximum temperature rises to 50°C in Barmer. The daily range of temperature rises in 2. Charatic condition experienced of the pace the interior of the country.
 - (ii) Intense increase in temperature results in the development of low pressure over north-west India. During this time, south-west monsoons begin to blow from sea to land. 'Norwesters' and 'Loo' blow over northern Ana (achannala interaction) and plains. ont mark washe 14

(iii) During this time, western coastal region experience pre-monsoon showers during April and May. Ans. Orographic centrall

V. Solve the following

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1.	Month	J	F	M	A	M	J	J	Α	S	0			12
.40.	Temp (in °C)	14.7	18.6	22.6	27.5	33.2	33.6	30.8	29.8	29.4	25.			2889
ucos:	Rainfall (in cm)	2.5	2.0	1.5	0.9	1.5	7.5	17.8	18.5	12.5	1.	0 0.2	1.5	•
(a)	(i) Calculate the d						ถ พรา	i shov	ntosta	$a_{2,2,d}$,	s when	ottin (a	d shaali	7.
Ans.	(i) Max temp – N		•							maX br				
	(ii) What is the to	tal rain	fall exp	erience	d by the	station	an I	shiel						
Ans.					2.8.13					ald linus				
	(iii) Which is the			and an an	15	M. Agin	nis no	(oura	5 070	u.1675 75	arts offer as	ates wh	la ribret e	R .
Ans.	November is the c	iriest m	onth.			3.47				l dist at				D,
2.	Month	J	F	M	A	M	M_{ij}		J. W.	<u>A, ., ., .</u>	S S	0 28	N 25.9	24.7
	Temp (in °C)	24	25.7	26	29	30	32.5			30.2	29.8	30.6	35	13.9
	Rainfall (in cm)	4.5	1.3	0	1.8	3.8	4.5		.7 ₁₁	.11.3	11.9			
(iv) Ans. (v) Ans.	 (ii) Nume the netration (iii) Nume the netration (iii) Max. temp - N (iii) November State the probable East coast as it red State probable nam Chennai (As it is not femperature). 	<i>locatio</i> ceives fi <i>ne of th</i> near the	n of this rom NE e station Bay of	s <i>place</i> monsc n. Benga	? oon wind yeald Am 1, it exp	ds in w	inter.	moder	int sin in tinto in tinto rating	ralafu‼ äphic, c ary, rau	tlestef h orógi stilnWe	seesi ku Kuysmi Humute	មែល សមា ពេលស្រ ព្រះស្រុក ព្រះស្រុក	14. 1.224 1.524
3.	Month	J	· F	M	- A	- M -			- J					
	Temp (in °C)	13.7	16.6	21.6	25.5	33.2	39	.5	30.8	29.8	29.2	25.5	19	15.2
	Rainfall (in cm)	25.3	16.9	1.5	0.9	1.5	. 7.	5	17.8	18.5	12.5	1	0.2	24.19
(i) Ans. (ii)	Calculate the annu Max temp – Min. Which winds bring	temp =	39.5 -	13.7 =	25.8 °C	A. Bartis	1.21	h and	40 20	nal Lap eparta Falefar	141 (41)	102 milts	of It is	1.

Western disturbance Ans.

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VI.N	Chandigarh/Amritsar (As it is away from the mount of statemospace are from a single and inputer worth to statemospace are from a single and inputer worth to statemospace are from a single and inputer are the following (1 Mark)
1. Ans.	A sea from which western disturbance or westerly depression originates.
2.	Climatic condition experienced at the places near the coast.
Ans.	Climatic condition experienced at the places away from the coast. A subscription of the continental climate/extreme climate
4. Ans.	Rainfall affected due to the influence of the mountains. The weight had been an all affected due to the influence of the mountains. The weight had been all affected due to the influence of the mountains.
	An important line of latitude that divides India into two parts.
6. Ans.	The state that experiences the longest monsoon season and another state which has the shortest mons Kerala experiences the longest monsoon season while Jammu and Kashmir experiences the shortes season.
	Name two states where pre-monsoon showers are common. States in the states of the stat
8. Ans.	Andhra Pradesh and Tamil Nadu
9. Ans.	the states there aust storing are common during Man
	Name the type of climate prevailing over India.
11. Ans.	Name the type of climate prevailing over India. Tropical Monsoon The place in India that receives the highest rainfall.
11. Ans. 12. Ans.	Name the type of climate prevailing over India. Tropical Monsoon The place in India that receives the highest rainfall. Mawsynram in Meghalaya The place that experiences rainfall in south India in winter and winds which bring rain to it.
11. Ans. 12. Ans. 13. Ans.	Name the type of climate prevailing over India. Tropical Monsoon The place in India that receives the highest rainfall. Mawsynram in Meghalaya The place that experiences rainfall in south India in winter and winds which bring rain to it. Coromandal coast in Tamil Nadu as NE monsoon winds bring rain to it. The place that experiences rainfall in north India in winter and winds which bring rain to it. Punjab and Haryana as Western Disturbance brings rain to it.
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1	5. Why does the heat intensity increase in the months of May and June?
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	as a state of Cancer in the state of Cancer in the state of the state
	(b) The sun apparently migrates towards the Tropic of Capricorn. Due together of such the (c) The apparent migration of the sun towards the Tropic of Capricorn.
r	(d) There are a dimensional dimens
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1	(a) Maharashtra (b) Karnataka (c) Goa (d) Kerala: (c) (a) (a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
17	• Benefit of the mango showers to Kerala
	(a) Good for the rice crop.
5.55	(c) Good for the tea/coffee crop. (d) None of these
18	
ine K	 The source of winter rainfall in NW India is (a) tropical cyclones from the Bay of Bengal. (b) temperate cyclones from the Bay of Bengal. (c) temperate cyclones from the Caspian Sea. (d) north-east monsoons from the Bay of Bengal.
19.	The range of temperature in Mangalore in October is 31°C/22°C while in Jodhpur it is 37°C/22°C. Give real
	(a) Jodhpur has no cloud cover. (b) Jodhpur is in the interior than Cochin.
	(c) Jodhpur has loo blowing in October. (d) All of these
20.	The hot, dusty and dry winds blowing in the North Indian plains during summer are termed as
2	(a) Norwester (b) Loo (c) Mausim (d) Kalbaisakhi
21.	(a) A 1 A CONTRACT OF CONTRACT OF CONTRACT OF CONTRACT OF AND A CONTRACT OF AND A CONTRACT OF A CONT
	(a) Andaman sea (b) Indian Ocean (c) Arabian Sea (d) Gulf of Mannar
22.	The direction of the monsoon winds in summer is from
ф 	 (a) north-east to south-west (b) south-west to north-east. (c) north-west to south (d) south-east to north-west. (e) and the south
23.	Kodaikanal in Tamil Nadu has much lower temperature than Kochi. Which of the following reason is response for this phenomenon?
94 - 44 -	
	(b) Distance from the sea
24.	(c) Latitudinal extent (d) None of these Which of the following months are known for Retreating monsoon season?
	(a) December, January and February (b) October and November (c)
	(a) Iuna Iuli (1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
25.	(c) Sune, Suny, August and September (d) March, April and May Which of the following statements related to the climate of India is incorrect?
	(a) During winter. India gets the influence of IV
	 (a) During winter, India gets the influence of Western disturbance. (b) The southern part of India experiences sub-tropical climate. (c) The northern part of India experiences sub-tropical climate. (d) Indian rainfoll is an an
	(c) The northern part of India experiences sub-tropical climate. (d) Indian reinfall
	(d) Indian rainfall is uneven in nature.
26.	Which of the following weather phenomenon is marked by clear skies, high temperature, high humidity drop in night temperature?
	(a) Burst of Monsoon
	(c) October Heat (b) Break in Monsoon
27.	
	(a) None of these (a) moisture content get reduced.
	 (a) moisture content get reduced. (b) the distance from the sea increases there. (c) the increase in temperature causes less reduction in velocity in velocity.
	 (c) the increase in temperature causes less reduction in relative humidity. (d) all the above
	(c) the increase in townships

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28. Which of the following is not the characteristic of rainfall in India?
(a) Erratic
(b) Irregular
(c) Evenly distributed
(d) Seasonal

29. Which of the following areas is situated in the rain shadow region?

(a) Western coastal plain (c) Southern side of the Garo and Khasi (d) Aravalli

30. The intense cold in Ladakh and Himachal Pradesh is due to which of the following reason?(a) Western disturbances.

(b) They are located on far away from equator and at the high altitude.

- (c) Influence of the south-west monsoon has reduced.
- (d) The north-east monsoon winds are offshore winds.

ANSWERS 9. (c) 6. (d) 7. (b) 8. (d) 10. (a) 5: (c) 2. (a) 4. (a) 1. (b) 3. (b) 19. (b) 20. (b) -18. (b) 17. (c) -13. (b) 11. (b) 15. (b) 16. (d) 11: (c) 12. (b) 30. (b) 29. (b) 27. (d) 28. (c) 22. (b) 23. (a) 24: (b) 25. (b) 26. (c) 21. (a)

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