

Mayoor School, Ajmer
Geography/XI/Annual Examination/Friday 13th March, 2009
(Time Allowed: 3 Hours)

NNS – 20
M.M.70

NNS – XII Arts

General Instructions:-

1. Fifteen minutes reading time is allowed.
2. There are 26 questions in all.
3. All questions are compulsory.
4. Marks for each question are indicated against it.
5. Question numbers 1 to 10 are very short answer questions carrying 1 mark each. Answer to each of
6. these questions should not exceed 20 words.
7. Question number 11 to 20 are short answer questions carrying 3 marks each. Answer to each of these
8. questions should not exceed 80 words.
9. Question numbers 21 to 25 are long answer questions of 5 marks each. Answer to each of these
10. questions should not exceed 150 words.
11. Question No.26 is related to identification or locating and labeling of geographical features on maps.
12. Outline maps of the World and India provided to you must be attached within your answer sheet.
13. Use of templates or stencils for drawing outline maps is allowed
14. No. of printed sheets -----

- Q1. Name the processes (any 2) involved in chemical weathering? (1)
- Q2. What are the different forms of condensation (any 2) ? (1)
- Q3. The amount and the intensity of Insolation vary during a day in a _____ and in a _____ (1)
- Q4. Write the direction of winds in an anticyclone ? (1)
- Q5. The lines joining the places of equal temperature are:
(a) Isobars (b) Degree celcius (c) Isotherms (d) None (1)
- Q6. Arable land in the irrigated zones of India is turning saline due to which of the following reasons:
(a) Addition of gypsum (b) Overgrazing (c) Use of fertilizers (d) Over irrigation (1)
- Q7. Mention two human activities which causes floods in India ? (1)
- Q8. Name the process in which the bacterias are capable of converting nitrates into free nitrogen? (1)
- Q9. Name the sea which existed in place of the Himalayas ? (1)
- Q10. What is meant by Inland drainage ? (1)
- Q11. How is the Latitudinal spread of India advantageous to her (3 points). (3)
- Q12. Write any two socio economic advantages of river ? Also give the important characteristics features of North Indian rivers and peninsular rivers ? (2 points each). (3)
- Q13. What is soil erosion ? In what different ways does it occur ? What methods have been used to check soil erosion ? (3)

Q14. Study the table given below and answer the following questions.

(3)

Stations	Latitude	Altitude	Jan.	Feb	Mar.	Apr.	May	Jun	July	Aug	Sept	Oct	Nov.	Dec.
Banglore °C Cm	12°58'N	909	20.5 0.7	22.7 0.9	25.2 1.1	27.1 4.5	26.7 10.7	24.2 7.1	23 11.1	23. 13.7	23.1 16.4	22.9 15.3	18.9 6.1	20.2 1.3
Delhi °C Cm	29°N	219	14.4 2.5	16.7 1.5	23.3 1.3	30 1.0	33.3 1.8	33 7.4	30 19.3	29.4 17.8	28.9 11.9	25.6 1.3	19.4 0.2	15.6 1.0
Trivendrum °C Cm	8°29'N	6	26.7 2.3	27.3 2.1	28.3 3.7	28.7 10.6	28.6 20	26.6 35.6	26.2 22.3	26.2 14.6	26.5 13.8	26.7 27.3	26.6 20.6	26.5 7.5

(a) Which station is closest to the equator ? What is its distance ?

(b) Which station is higher above the mean sea level ?

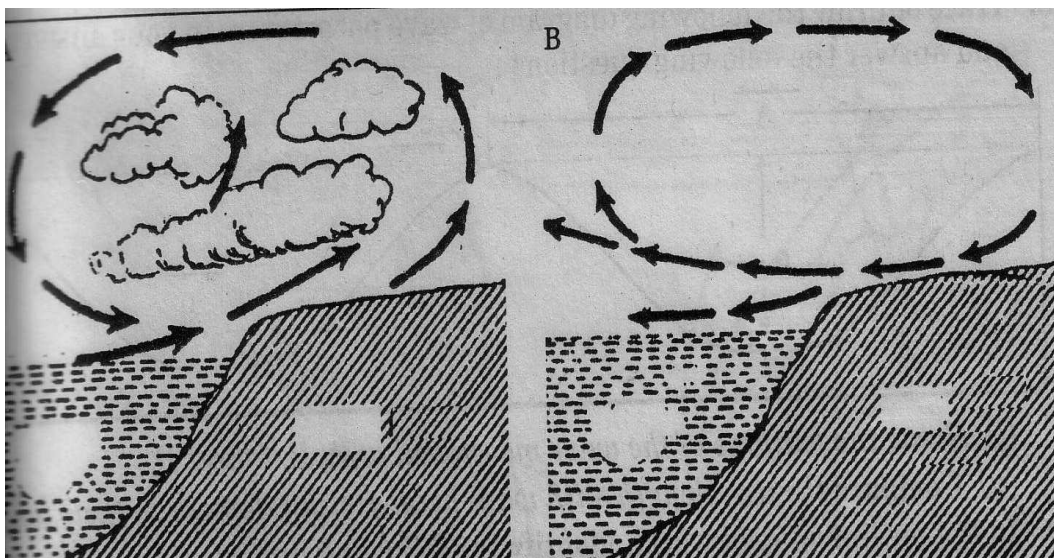
(c) Which station has extreme climate and why ?

Q15. Name the stages in the Evolution of the Earth and explain any two stages in brief ? (3)

Q16. Write the evidences in support of the continental drift theory and explain any two ? (3)

Q17. Explain the following terms Geomorphology and Pedology ? (3)

Q18. Study the diagrams given below and answer the following questions: (3)



(i). Name the breezes depicted in the two diagrams.

(ii). When do the breeze shown in diagrams 'A' blow at night or at the day.

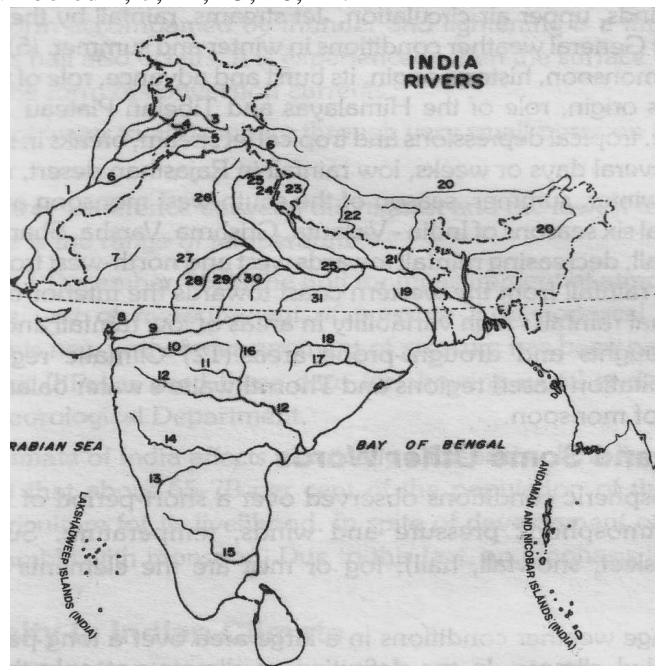
(iii). Where does the low pressure exist during the day on land or on the sea ?

(iv). What is the effect of these breezes on the weather of the coastal regions? What is the other name for a cyclone.

Q19. What is the latitudinal extent of Tropical cyclone ? Mention any two conditions necessary for Emergence of a Tropical cyclone ? (3)

Q20. Look at the map given below and write the answer in copy.
Identify the rivers numbered 1, 7, 14, 15, 20, 22.

(3)



Q21. If you move from Badrinath to Sunderbans delta along the course of the river Ganga, what major Geomorphological features will you come across ? (5)

Q22. “The horizontal winds near the earth surface respond to the combined effect of three forces?” Elaborate. (5)

Q23. “In their altitudinal range, the Himalayas present a succession of vegetation region from the tropical to the Alpine”? Explain the statement in detail ? (5)

Q24. The ocean floor exhibits complex and varied features as those observed over the land ? Do you agree with the statement. Explain. (5)

Q25. What are the different types of humidity ? Explain the different types of clouds ? (5)

Q26.A. In the given outline map of the world are shown four features from serial 1 to 4. Identify them With the help of map legend. Write the names on your answer copy ? (2)

- Q26.B.(i) Mark the Westernmost and Easternmost state of India.
(ii) Sariska wildlife Sanctuary & Kaziranga national park.
(iii) Mark the Longitudinal extent of India.

(3)