[ENGLISH VERSION]

[Groups 'A' to 'F' are common for both Regular and External Candidates and Group 'G' is meant only for External Candidates]

(All questions of Group 'A' are compulsory.
Candidates should follow the alternatives in other groups.
Sightless Candidates will answer the alternative questions as per directive in Group 'F'.
Others will attempt map pointing.)

GROUP—A

1. Write the correct answer from the given alternatives :—   1×14=14

  1.1   The process, by which, the elevation of the earth surface decreases, is called :

    (a) Volcanism   (b) Aggradation

    (c) Deposition   (d) Degradation

  1.2   The highland between two river basins is called :

    (a) Water divide   (b) River terrace

    (c) Natural levee   (d) Doab

  1.3   A lake carved out by glacier is :

    (a) Corrie lake   (b) Playa lake

    (c) Ox-bow lake   (d) Lagoon

  1.4   Plain formed by wind deposition is called :

    (a) Dune   (b) Hamada

    (c) Dhrian   (d) Loess

1.5 Lakes containing saline water in Sahara desert are called :

(a) Shotts

(b) Bolson

(c) Dhand

(d) Tal

1.6 The union territory of Ladakh is separated from :

(a) Telangana

(b) Jammu & Kashmir

(c) Uttarakhand

(d) Jharkhand

1.7 The valley between Siwalik and Lesser Himalaya is called :

(a) Bhavar

(b) Khadar

(c) Karewa

(d) Dun

1.8 The largest river valley project of India is :

(a) Hirakund

(b) Bhakra-Nangal

(c) Nagarjun Sagar

(d) Rana Pratap Sagar

1.9 "Burst of Monsoon" is first observed in :

(a) Kerala

(b) Karnataka

(c) Meghalaya

(d) West Bengal

1.10 "Chandan" tree grows in the region of :

(a) Tropical evergreen vegetation

(b) Tropical deciduous vegetation

(c) Tropical desert vegetation

(d) Coniferous vegetation

1.11 The Central Coffee Research Institute of India is located at :

(a) Jorhat

(b) Bengaluru

(c) Chikmagalur

(d) Coimbatore

1.12 The most important centre of IT industry in West Bengal is at :

(a) Durgapur (b) Kharagpur

(c) Sector-V, Salt Lake (d) Siliguri

1.13 According to Indian Census, the minimum population of an urban centre is :

(a) 4000 (b) 5000

(c) 6000 (d) 7000

1.14 The biggest port city of India is :

(a) Haldia (b) Chennai

(c) Kolkata (d) Mumbai

GROUP—B

2. 2.1 If the statement is true, write 'T' and if false, write 'F' against the following (answer any *six*) :— 1×6=6

2.1.1 Cusec is the unit used for measuring river velocity.

2.1.2 Floating ice mass in the sea is called iceberg.

2.1.3 Sri Lanka is a neighbouring country that shares boundary with India.

2.1.4 Aravalli in India is an example of young fold mountain.

2.1.5 Logtak is the largest lagoon of India.

2.1.6 The "Central Forest Research Institute of India" is located at Dehradun.

2.1.7 One of the forest based industries of India is paper industry.

2.2 Fill in the blanks with suitable words (answer any *six*) :— 1×6=6

2.2.1 The Nile delta is _____ shaped.

2.2.2 The highland between two adjacent corries is called _____.

2.2.3 The highest mountain peak of South India is _____

2.2.4 Brahmaputra is known as _____ in Arunachal Pradesh.

2.2.5 The dust storms developed during summer seasons in North-West India is known as _____.

2.2.6 _____ soil is ideal for growth of mangrove forest.

2.2.7 Jamnagar is famous for _____ industry.

2.3 Answer in *one* or *two* words (answer any *six*) :—   1×6=6

    2.3.1   Which bank of a river meander experiences more erosion ?

    2.3.2   At which altitude, the snow line is found in polar region ?

    2.3.3   Name the sand-dunes formed parallel to the wind direction.

    2.3.4   What is 'Tal' in Western Himalaya ?

    2.3.5   In which State of India, lower course of river Ganga lies ?

    2.3.6   Name a farming technique which prevents soil erosion on the hill slopes.

    2.3.7   Which State of India ranks first in sugarcane production ?

    2.3.8   Where was the first cotton mill set up in India ?

2.4 Match the *Left Column* with the *Right Column* :—   1×4=4

Left Column		*Right Column*	
2.4.1	Namcha Barwa	1.	Rajasthan
2.4.2	Majuli	2.	Odisha
2.4.3	Marusthali	3.	Peak of Eastern Himalaya
2.4.4	Paradweep	4.	Brahmaputra

GROUP—C

3.   Answer the following in brief (Alternatives should be noted) :—   2×6=12

3.1 Define "gradation".   https://www.westbengalboard.com

<div align="center">OR</div>

What is alluvial cone ?

3.2 What do you mean by "piedmont glacier" ?

<div align="center">OR</div>

Define "transverse dune".

3.3 What do you mean by "Maidan" ?

OR

What is "Rann of Kutch" ?

3.4 Define "Western Disturbance".

OR

What do you mean by "Agro-Forestry" ?

3.5 Define "Terrace Cultivation".

OR

What are commercial crops ?

3.6 What do you mean by "pure raw materials" ?

OR

What is "North-South Corridor" ?

GROUP—D

4. Give brief explanatory answer (Alternatives should be noted) :— 3×4=12

   4.1 Explain why wind erosion dominates in the hot desert regions.

   OR

   State the differences between tributaries and distributaries.

   4.2 Explain briefly three effects of climatic changes observed in Sundarban region.

   OR

   Mention three differences between river valley and glaciated valley.

   4.3 Write three differences between Eastern and Western Ghat mountain ranges.

   OR

   Explain why deltas are not formed at the mouth of west flowing rivers of India.

   4.4 Analyse three factors responsible for the development of IT industry in India.

   OR

   Why population density is very high in Ganga plain ?

GROUP—E

(Sketches are not essential for Sightless Candidates)

5. 5.1 Answer any *two* questions from the following :— 5×2=10

    5.1.1 Describe with sketches three landforms produced by depositional work of river in its middle course.

    5.1.2 Give an account of three depositional landforms developed by glacier along with suitable sketches.

    5.1.3 Describe with sketches, three features carved out by wind erosion.

    5.1.4 Describe the landforms produced by combined actions of wind and running water in arid region.

  5.2 Answer any *two* questions from the following :— 5×2=10

    5.2.1 Distinguish between physical features of Eastern and Western coastal plains of India.

    5.2.2 Describe in brief the major characteristic features of Indian climate.

    5.2.3 Give an account of favourable physical factors required for cultivation of rice in India.

    5.2.4 Explain the factors responsible for the concentration of iron and steel industry in Eastern India.

GROUP—F

6. Locate the following with appropriate symbols and names on the given outline map of India. Attach the map with your answer script :— 1×10=10

  6.1 Vindhya range

  6.2 Malabar Coast

  6.3 River Kaveri

  6.4 A region of very low rainfall

  6.5 A black soil region

  6.6 One tea producing region of North-East India

6.7 A petro-chemical industrial center of West Bengal

6.8 A heavy engineering industrial center

6.9 A port with artificial harbour on East Coast

6.10 New Delhi.

OR

[For Sightless Candidates Only]

6. Answer any *ten* of the following questions :—   1×10=10

6.1 What is the main basis of State reorganization in India ?

6.2 Name the oldest mountain range of India.

6.3 What is the name of coral islands of India ?

6.4 Name a cold desert of India.

6.5 On which river DVC project has been constructed ?

6.6 Which is the main Kharif Crop of India ?

6.7 Name one species of coniferous forest of India.

6.8 Which State of India ranks first in Jowar production ?

6.9 Where is the "Central Wheat Research Institute" of India located ?

6.10 Name the largest automobile manufacturing company of India.

6.11 Name the biggest petro-chemical industrial centre of India.

6.12 Which is the largest metropolitan city of Eastern India ?

6.13 What is the name of International Airport of Mumbai ?

6.14 Which State of India has highest literacy rate ?

GROUP—G

[For External Candidates Only]

7. 7.1 Answer any *three* questions :—   2×3=6

       7.1.1 What is Canyon ?

       7.1.2 Define "Bergschrund".

       7.1.3 What do you mean by "Inselberg" ?

       7.1.4 What is "Kalbaisakhi" ?

   7.2 Answer any *four* questions :—   1×4=4

       7.2.1 Name a plateau of North-East India.

       7.2.2 Where is 'Bagar' located in India ?

       7.2.3 Name a distributary of river Ganga.

       7.2.4 Name one fiber crop.

       7.2.5 Give an example of agro based industry.

ZA—9200