

Paper – II
Geography

Booklet Code

A

TEST BOOKLET NO.

Subject Code : **1 7**

Roll No. :

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(Figures as per admission card)

Roll No. (in words) : _____

OMR Sheet No. :

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Name and Signature of Invigilator/s

Signature : _____

Name : _____

Time : 2 Hours

Maximum Marks : 200

Number of Pages in this Booklet : 16

Number of Questions in this Booklet : 100

Instructions for the Candidates

- Write your roll number in the space provided on the top of this page.
- This paper consists of hundred (100) multiple-choice type of questions.
- At the commencement of examination, the test booklet will be given to you. In the first 5 minutes, you are requested **to open the booklet and compulsorily examine it as below** :
 - To have access to the Test Booklet, tear off the paper seal on the edge of the cover page. Do not accept a booklet without sticker seal or open booklet.
 - Tally the number of pages and number of questions in the booklet with the information printed on the cover page. Faulty booklets due to pages/questions missing or duplicate or not in serial order or any other discrepancy should be got replaced immediately by a correct booklet from the invigilator within the period of 5 minutes. Afterwards, neither the Test Booklet will be replaced nor any extra time will be given.**
 - After the verification is over, the Test Booklet Number should be entered in the OMR Sheet and the OMR Sheet Number should be entered on this Test Booklet.
- Each item has four alternative responses marked (A), (B), (C) and (D). You have to darken the circle as indicated below on the correct response against each item.

Example : (A) (B) ● (D)
where (C) is the correct response.
- Your responses to the questions are to be indicated in the **OMR Sheet kept inside this Booklet**. If you mark at any place other than in the circles, the OMR Sheet will not be evaluated.
- Read the instructions given in OMR Sheet carefully. Fill the Booklet Code of Paper – II in OMR Sheet **Compulsorily**.
- Rough Work is to be done in the end of this booklet.
- If you write your name or put any mark on any part of the OMR Answer Sheet, except for the space provided for the relevant entries, which may disclose your identity, you will render yourself liable to disqualification.
- You have to return the OMR Answer Sheet to the invigilators at the end of the examination compulsorily and must NOT carry it with you outside the Examination Hall.
- You can take away test booklet and carbon copy of OMR Answer Sheet after the examination.
- Use only Blue/Black Ball point pen.**
- Use of any calculator, electronic gadgets or log table, etc. is prohibited.**
- There is no negative mark for incorrect answer.**

GEOGRAPHY

Paper – II

1. Given below are two statements relating to Biogeochemical Cycles.

Statement I : Biogeochemical Cycles connect the Lithosphere, Atmosphere, Biosphere and Hydrosphere.

Statement II : Hydrological Cycle is an example of Biogeochemical Cycle.

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

2. Carbon Cycle primarily involves which of the following ?

- i. Atmosphere
- ii. Biosphere
- iii. Hydrosphere
- iv. Lithosphere

Choose the correct answer from the options given below.

- (A) i, ii and iv (B) i, iii and iv
(C) i, ii and iii (D) i, ii, iii and iv
3. Given below are two statements relating to Nitrogen Fixation.

Statement I : Nitrogen Fixation occurs by both natural and human process.

Statement II : Today more Nitrogen is fixed by humans than by natural processes.

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

4. Given below are two statements relating to Eutrophication.

Statement I : It is caused due to addition of large amount of Nitrogen, Phosphorus and Potassium.

Statement II : It leads to decrease in population of the zooplankton

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

5. A coral reef that is directly to the shore of an island or continent is called

- (A) A fringing reef (B) An Atoll
(C) A barrier reef (D) Reef flat

6. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Read the statements and choose the correct answer using the code given below.

Assertion (A) : The natural sequel of unchecked, unplanned and haphazard growth of urban areas is the growth and spread of squatter settlements.

Reason (R) : Slums tend to be isolated from urban society.

Codes :

- (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

7. Which of the following two States are the leading producer of Bauxite in India as per the Annual Report of the Ministry of Mines 2020 – 21 ?

- i. Odisha
- ii. Andhra Pradesh
- iii. Chhattisgarh
- iv. Gujarat

Choose the correct answer from the options given below.

- (A) i and ii (B) i and iv
(C) ii and iii (D) ii and iv

8. The Himalayas can be divided into four transverse regions, of which the Kumaun Himalayas lies in between which of the following rivers ?

- (A) Indus and Satluj
- (B) Satluj and Kali
- (C) Kali and Tista
- (D) Tista and Brahmaputra

9. In the two lists given below, List-I provide the name of a Dam, while List-II mentions the River. Match the two lists and choose the correct answer from the code given below.

List – I
(Dam)

- a. Baglihar Dam
- b. Chamera Dam
- c. Pakal Dul Dam
- d. Pong Dam

List – II
(River)

- i. Ravi
- ii. Chenab
- iii. Beas
- iv. Marusudar

Codes :

- | | a | b | c | d |
|-----|----------|----------|----------|----------|
| (A) | i | ii | iii | iv |
| (B) | i | ii | iv | iii |
| (C) | ii | i | iv | iii |
| (D) | ii | i | iii | iv |

10. Which of the following Wildlife Sanctuaries is situated in Jammu and Kashmir ?

- i. Lawkhowa
- ii. Lachipora
- iii. Limber
- iv. Lippa Asrang

Choose the correct answer from the options given below.

- (A) i and ii (B) i and iii
(C) ii and iii (D) ii and iv

11. Which approach specifies, “what ought to be there rather than what is there” ?

- (A) Idiographic (B) Nomothetic
- (C) Normative (D) Positive

12. Variations in consumption of food around the world is due to which of the following factors ?

- i. Level of development
- ii. Physical conditions
- iii. Cultural preferences
- iv. Human health

Choose the correct answer from the options given below.

- (A) i, ii and iv only (B) i, iii and iv only
(C) i, ii and iii only (D) i, ii, iii and iv

13. Given below are two statements relating to human diet.

Statement I : In developed countries the leading source of protein is meat product.

Statement II : In developing countries, cereal grains provide the largest share of protein.

- (A) Both Statements I and II are correct
- (B) Both Statements I and II are incorrect
- (C) Statement I is correct and statement II is incorrect
- (D) Statement I is incorrect and statement II is correct

14. In the two lists given below, List-I provide the name of Agricultural regions, while List-II mentions the Country. Match the two lists and choose the correct answer from the code given below.

List – I (Agricultural Region)	List – II (Country)
a. Shifting cultivation	i. Mongolia
b. Pastoral nomadism	ii. Angola
c. Plantation	iii. Denmark
d. Dairy	iv. Sri Lanka

Codes :

a	b	c	d
(A) i	ii	iii	iv
(B) i	ii	iv	iii
(C) ii	i	iv	iii
(D) ii	i	iii	iv

15. Which of the following is not an example of Subsistence Agriculture ?
 (A) Dairy farming
 (B) Pastoral nomadism
 (C) Plantation agriculture
 (D) Shifting cultivation
16. The central meridian indicated by a line, half the length of the equator represents
 (A) Mercator projection
 (B) Polyconic projection
 (C) Mollweide's projection
 (D) Bonne's projection
17. Which of the following is the most suitable projection for showing the Trans-Siberian Railway ?
 (A) Cylindrical equal area projection
 (B) Mercator's projection
 (C) Conical with one standard parallel
 (D) Polyconic projection

18. A Climograph is drawn with the help of the monthly data of

- Rainfall
- Relative humidity
- Wet bulb temperature
- Actual humidity

Choose the correct answer from the options given below.

- (A) i and ii (B) i and iii
 (C) ii and iii (D) i, ii and iv
19. Flow maps are generally used for showing
 (A) Population growth
 (B) Traffic flow
 (C) Slope direction
 (D) Relief data
20. If a map is drawn to a scale of 1cm to 30 km is to be enlarged three times, then the Representative Fraction (RF) of the enlarged map will be
 (A) 1 : 1000000 (B) 1 : 3000000
 (C) 1 : 6000000 (D) 1 : 9000000
21. Who among the following propounded the 'Nested Hierarchy Theory' ?
 (A) A. Philbrick (B) L. Pownal
 (C) J. W. Simmons (D) G. Taylor
22. Rn value in calculation of Co-efficient of dispersion is zero, it indicates
 (A) Clustered Settlement
 (B) Hamlets
 (C) Dispersed Settlements
 (D) Semi-Clustered Settlements
23. American Sociologist Lewis Mumford has described how many stages in development of cities ?
 (A) 04 (B) 05
 (C) 06 (D) 07

24. The Law of Retail Gravitation for demarcating the breaking point between the settlements has been proposed by
(A) B.J.L. Berry (B) P.D. Converse
(C) W. J. Reilly (D) C.D. Harris
25. Which of the following is not correctly matched ?
(A) Umland – Andre Allia
(B) City Region – R.E. Dickenson
(C) Hinterland – F.H. Green
(D) Urban Field – R. M. Nordham
26. How many Cultural Realms of the first and second order in the world have been put forth by Spencer and Thomas ?
(A) 11 and 20 (B) 06 and 20
(C) 11 and 40 (D) 06 and 40
27. Majority of the districts where the tribes are in a dominant position with more than 80 percent share in the district total population lie in which part of India ?
(A) Eastern (B) Central
(C) Northeast (D) Western
28. Which of the following statements is not correct ?
(A) The domain of the Austro-Asiatic family of languages lies in the north-eastern part of India.
(B) The ancient hunters and food gathers organized themselves in groups based on extended kinship principle.
(C) Social historians are in general agreement that caste system began in the Vedic period.
(D) Castes are often classified into three main groups, such as functional or occupational, racial or ethnic and sectarian.

29. In the two lists given below, List-I provide the name of a Country, while List-II mentions the Major Language Family. Match the two lists and choose the correct answer from the code given below.

List – I**(Country)****List – II****(Major Language Family)**

- | | |
|-----------------|------------------|
| a. Indonesia | i. Indo-European |
| b. Iran | ii. Austronesian |
| c. Saudi Arabia | iii. Altaic |
| d. Turkey | iv. Afro-Asiatic |

Codes :

	a	b	c	d
(A)	i	ii	iv	iii
(B)	i	ii	iii	iv
(C)	ii	i	iv	iii
(D)	ii	i	iii	iv

- (A) i ii iv iii
(B) i ii iii iv
(C) ii i iv iii
(D) ii i iii iv
30. Which one of the following is the largest Universalizing Religion ?
(A) Christianity (B) Islam
(C) Hinduism (D) Buddhism
31. Rhumb line is a
(A) Line on the earth surface that cuts all the meridians at the same angle
(B) Technical name for the International Date Line
(C) Line connecting the Greenwich Meridian with the International Date Line
(D) Line which gives correct distances on the Mercator's projection

32. In the two lists given below, List-I provide the 'Type of Toposheet', while List-II mentions the 'Standard Contour Interval'. Match the two lists and choose the correct answer from the code given below.

List – I (Type of Toposheet)	List – II (Standard Contour Interval)
---------------------------------	--

- | | |
|-----------------|---------------|
| a. Million | i. 50 feet |
| b. One-Inch | ii. 500 feet |
| c. Quarter-Inch | iii. 100 feet |
| d. Half-Inch | iv. 25 feet |

Codes :

- | | a | b | c | d |
|-----|----|-----|-----|-----|
| (A) | ii | iv | iii | i |
| (B) | iv | i | ii | iii |
| (C) | ii | i | iv | iii |
| (D) | i | iii | iv | ii |

33. The measure of number of streams per unit area is known as :
- (A) Drainage density
(B) Stream frequency
(C) Basin length
(D) Drainage texture
34. Which of the following statements is/are correct relating to Sun-Synchronous Orbit ?
- I. Its altitude is between 700 to 900 Km.
II. Its coverage is from 89 degrees North to 89 degrees South.
- (A) Only I (B) Only II
(C) Both I and II (D) Neither I nor II

35. In the two lists given below, List-I provide the 'Sensor', while List-II mentions the 'Spatial Resolution in Metres'. Match the two lists and choose the correct answer from the code given below.

List – I (Sensor)	List – II (Spatial Resolution in Metres)
----------------------	---

- | | |
|---------------|-------------------------|
| a. LISS – I | i. 36.25×36.25 |
| b. LISS – II | ii. 72.5×72.5 |
| c. LISS – III | iii. 5.8×5.8 |
| d. LISS – IV | iv. 23×23 |

Codes :

- | | a | b | c | d |
|-----|----|----|-----|-----|
| (A) | i | ii | iv | iii |
| (B) | i | ii | iii | iv |
| (C) | ii | i | iv | iii |
| (D) | ii | i | iii | iv |

36. Given below are two statements relating to salinity in the oceans.

Statement I : Salinity is low at the surface waters in the equatorial regions.

Statement II : Salinity increases with increasing depth in high latitudes.

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct
37. Given below are two statements relating to salinity in the oceans.

Statement I : Tsunami is a powerful short-wave generated by seismic activity below the ocean waters.

Statement II : Tsunami is frequently generated over the divergent plate boundaries.

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

38. Which of the following are a Cold Ocean Current ?

- i. Benguela Current
- ii. Canary Current
- iii. Falkland Current
- iv. Kuroshio Current

Choose the correct answer from the options given below.

- (A) i, ii and iv only
- (B) i, iii and iv only
- (C) i, ii and iii only
- (D) i, ii, iii and iv

39. Which of the following are currents of the Pacific Ocean ?

- i. Alaska Current
- ii. Kuroshio Current
- iii. Oyashio Current
- iv. Rennell Current

Choose the correct answer from the options given below.

- (A) i, ii and iv only
- (B) i, iii and iv only
- (C) i, ii and iii only
- (D) i, ii, iii and iv

40. Which of the following are controlling factors of salinity in Ocean/Seas ?

- i. Evaporation
- ii. Precipitation
- iii. Prevailing Winds
- iv. Ocean Currents

Choose the correct answer from the options given below.

- (A) i, ii and iv only
- (B) i, iii and iv only
- (C) i, ii and iii only
- (D) i, ii, iii and iv

41. Who among the following propounded the concept of 'Paradigm' in Geography ?

- (A) T.S. Kuhn
- (B) William Kirk
- (C) C.R. Darwin
- (D) A.G. Tansley

42. Who among the following contributed in the development of Post Modernism in Geography ?

- (A) Edward Soja
- (B) Carl Ritter
- (C) J. Blaut
- (D) W. L. Garrison

43. "Geography is a Chorological Science" is a statement made by

- (A) Brunches
- (B) Hettner
- (C) Huntington
- (D) Ritter

44. The concept of Primate City was propounded by

- (A) Jefferson
- (B) Mumford
- (C) Sjoberg
- (D) Zipf

45. In the two lists given below, List-I provide the name of Book, while List-II mentions the Author. Match the two lists and choose the correct answer from the code given below.

List – I

(Book)

- a. Erdkunde
- b. Geographia Generalis
- c. Anthropogeographic
- d. Cosmos

List – II

(Author)

- i. Humboldt
- ii. Ratzel
- iii. Varenus
- iv. Ritter

Codes :

- | | a | b | c | d |
|-----|----------|----------|----------|----------|
| (A) | iv | iii | ii | i |
| (B) | i | ii | iii | iv |
| (C) | iv | ii | i | iii |
| (D) | ii | iv | iii | i |

46. Which one of the following is the other term used for 'Focus' in relation with an earthquake ?

- (A) Epicenter
- (B) Hypocenter
- (C) Isocenter
- (D) Principal Point

47. Consider the following statements relating to the shadow zone in an earthquake.

- i. The shadow zone of S-waves is larger in extent as compared to that of P-waves.
- ii. The shadow zone of S-waves covers over 40 percent of the earth surface.
- iii. The entire area beyond 105 degrees from the epicenter do not receive any seismic wave.
- iv. Zone between 105 – 145 degrees is shadow zone of both P and S-waves.

Choose the correct answer from the options code given below.

Codes :

- (A) i, ii and iv (B) ii, iii and iv
(C) i, ii and iii (D) i, iii and iv

48. Select the correct statements on Mercalli scale with reference to earthquake.

- i. It takes into account the visible damage caused by an earthquake.
- ii. It measures magnitude of an earthquake.
- iii. The range of this scale is from 1-12
- iv. It is named after an Italian seismologist.

Choose the correct answer from the options code given below.

Codes :

- (A) i, ii and iv (B) ii, iii and iv
(C) i, ii and iii (D) i, iii and iv

49. Which one of the following is not an example of chemical weathering ?

- (A) Acid action (B) Crystal growth
(C) Hydrolysis (D) Oxidation

50. In the two lists given below, List-I provide the names of Minor Tectonic Plates, while List-II indicates their Location. Match the two lists and choose the correct answer from the code given below.

List – I	List – II
(Minor Tectonic Plate)	(Location)
a. Arabian Plate	i. West Coast of Mexico
b. Cocos Plate	ii. Saudi Arabia
c. Fuji Plate	iii. West Coast of Canada
d. Juan De Fuca Plate	iv. North East of Australia

Codes :

- | | a | b | c | d |
|-----|----------|----------|----------|----------|
| (A) | i | ii | iii | iv |
| (B) | i | ii | iv | iii |
| (C) | ii | i | iv | iii |
| (D) | ii | i | iii | iv |

51. Who is credited with the very old idea that all history must be treated by geographically and all geography must be treated historically ?

- (A) Aristotle (B) Eratosthenes
(C) Hecataeus (D) Herodotus

52. What is the correct sequence of activities from the centre towards outside in the Von Thunen Model ?

- i. Crop rotation
- ii. Forestry
- iii. Grazing
- iv. Horticulture and dairying

Choose the correct answer from the options given below.

- (A) iv, ii, iii and i (B) ii, iii, iv and i
(C) iii, ii, i and iv (D) iv, ii, i and iii

53. Which one of the following pairs is not correctly matched ?

(Industrial Region) (Major Industrial Centre)

- | | |
|-----------------|-----------|
| (A) Po Basin | Milan |
| (B) Mid-Rhine | Frankfurt |
| (C) New England | Boston |
| (D) Donetsk | Kazen |

54. Given below are two statements relating to Textile and Apparel Industry.

Statement I : It is a prominent example of labor-intensive industry.

Statement II : It generally requires less skilled, low-wage workers.

- (A) Both Statements I and II are correct
 (B) Both Statements I and II are incorrect
 (C) Statement I is correct and statement II is incorrect
 (D) Statement I is incorrect and statement II is correct
55. Who for the first time classified the relationship between Special (Regional) and General (Systematic) geography ?
 (A) Busching (B) Humboldt
 (C) Kant (D) Varenus
56. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Read the statements and choose the correct answer using the code given below.
Assertion (A) : Colder regions generally have lower precipitation than warmer regions.
Reason (R) : Warm air can contain more moisture than cold air.
Codes :
 (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

57. In the two lists given below, List-I provide the Alphabets in Koeppen Climate Classification, while List-II indicates the type of Climate. Match the two lists and choose the correct answer from the code given below.

List – I

List – II

(Koeppen Climate Classification) (Type of Climate)

- | | |
|--------|---------------------------------------|
| a. BWh | i. Tropical Steppe Climate |
| b. BSh | ii. Tropical Desert Climate |
| c. BWk | iii. Mid-Latitude Cold Steppe Climate |
| d. BSk | iv. Mid-Latitude Cold Desert Climate |

Codes :

- | | | | | |
|-----|----------|----------|----------|----------|
| | a | b | c | d |
| (A) | i | ii | iii | iv |
| (B) | i | ii | iv | iii |
| (C) | ii | i | iv | iii |
| (D) | ii | i | iii | iv |

58. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Read the statements and choose the correct answer using the code given below.

Assertion (A) : Where isobars are closely spaced there is a rapid horizontal change in pressure at right angles to the isobars .

Reason (R) : Magnitude of pressure gradient is inversely proportional to the isobar spacing.

Codes :

- (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

59. Which of the following statements relating to formation of Tropical Cyclone is correct ?

- i. Large sea surface with temperature higher than 27°C.
- ii. Small variation in the vertical wind speed.
- iii. Presence of the Coriolis force.
- iv. Upper convergence over the sea level system.

Choose the correct answer from the options given below.

- (A) i, ii and iii (B) i, ii and iv
(C) ii, iii and iv (D) i, iii and iv

60. Which of the following statements is/are correct relating to Fog ?

1. Smog is formed when Fog is mixed with smoke.
2. The only difference between Fog and Mist is that Mist contains more moisture than Fog.

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

61. The concept of a region as a trinity of place, folk and work was propounded by who among the following scholars ?

- (A) P. Geddes (B) H. Perloff
(C) G. Chadwick (D) J. Hilhorst

62. Who among the following scholars was the first to divide the Earth's land mass into three continents: Europe, Asia and Libya (Africa) ?

- (A) Anaximander (B) Hecataeus
(C) Herodotus (D) Eratosthenes

63. The famous essay 'Exceptionalism in Geography: A Methodological Examination' was written by which of the following scholars ?

- (A) F. K. Schaefer
(B) J. H. Peterson
(C) D. Gregory
(D) L. Guelke

64. In 1969, with the publication of which of the following Journal in Humanistic Geography became a major Paradigm in Geography ?

- (A) Geoforum
(B) Antipode
(C) Geopolitics
(D) Cultural Geographer

65. Who wrote the following book 'Main Springs of Civilization' ?

- (A) Carl-O-Saver
(B) Griffith Taylor
(C) James and Martin
(D) Ellsworth Huntington

66. Given below are two statements relating to Biomagnification.

Statement I : Accumulation of substances in animal tissue rather than being broken down while moving up the Trophic levels.

Statement II : DDT Pesticide is known to cause Biomagnification.

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

67. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Read the statements and choose the correct answer using the code given below.

Assertion (A) : Biomass decreases from lower to higher trophic levels.

Reason (R) : As food is passed from lower trophic level to higher, most of the energy is lost.

Codes :

- (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
68. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Read the statements and choose the correct answer using the code given below.
- Assertion (A) :** In a food web, individual organisms may feed at multiple trophic levels.
- Reason (R) :** In a food web there is a high degree of linkage throughout all parts of the ecosystem.
- Codes :**
- (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

69. In the two lists given below, List-I provide the number of the Sustainable Development Goal, while List-II indicates its broad area. Match the two lists and choose the correct answer from the code given below.

List – I (SDG Goal Number)	List – II (Broad Area)
a. Goal 04	i. Gender Equality
b. Goal 05	ii. Quality Education
c. Goal 14	iii. Life on Land
d. Goal 15	iv. Life below Water

Codes :

	a	b	c	d
(A)	i	ii	iii	iv
(B)	i	ii	iv	iii
(C)	ii	i	iv	iii
(D)	ii	i	iii	iv

70. In the two lists given below, List-I provide the Environment Act in India, while List-II indicates Year of Enactment. Match the two lists and choose the correct answer from the code given below.

List – I (Environment Act in India)	List – II (Year of Enactment)
a. The Water (Prevention and Control of Pollution) Act	i. 1972
b. Wildlife (Protection) Act	ii. 1974
c. Environment (Protection) Act	iii. 1980
d. Forest (Conservation) Act	iv. 1986

Codes :

	a	b	c	d
(A)	i	ii	iii	iv
(B)	i	ii	iv	iii
(C)	ii	i	iv	iii
(D)	ii	i	iii	iv

71. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Read the statements and choose the correct answer using the code given below.

Assertion (A): Pacific Ocean experiences more Tsunamis as compared to other Oceans.

Reason (R) : Pacific Ocean is girdled by divergent Tectonic Plate boundaries on all sides.

Codes :

- (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

72. In the two lists given below, List-I provide the names of Metamorphosed Rock, while List-II indicates their Parent Rock. Match the two lists and choose the correct answer from the code given below.

List – I

List – II

(Metamorphosed Rock) (Parent Rock)

- | | |
|---------------|---------------|
| a. Quartzites | i. Shales |
| b. Slate | ii. Sandstone |
| c. Marble | iii. Gabbro |
| d. Serpentine | iv. Limestone |

Codes :

- | | a | b | c | d |
|-----|----|----|-----|-----|
| (A) | i | ii | iii | iv |
| (B) | i | ii | iv | iii |
| (C) | ii | i | iv | iii |
| (D) | ii | i | iii | iv |

73. The atmospheric layer characterised by selective absorption of ultraviolet radiation is called
- (A) Ozonosphere (B) Stratosphere
 (C) Ionosphere (D) Thermosphere

74. Select the correct statements relating to Mass Movement.

- Mass Movement are very active over weathered slopes.
- Weathering is not a pre-requisite for Mass Movement.
- Mass Movement may or may not be influenced by gravity.
- No geomorphic agent participates in the process of Mass Movement.

Choose the correct answer from the options code given below.

Codes :

- (A) i, ii and iv (B) ii, iii and iv
 (C) i, ii and iii (D) i, iii and iv

75. The Progressive Wave Theory of Tide is propounded by

- (A) Darwin
 (B) Harris
 (C) Newton
 (D) William Whewell

76. Among the following scholars who put forth the 'Global Strategic View Model' ?

- (A) A. T. Mahan
 (B) S. B. Cohen
 (C) A. D. Seversky
 (D) N. J. Spykman

77. The relationship among power structure, the environment and economic inequalities is termed as

- (A) Political ecology
 (B) Gerrymandering
 (C) Ecoterrorism
 (D) Political diffusion

78. Rimland theory by N.J. Spykman was proposed in which of the following years ?

- (A) 1941 (B) 1942
(C) 1943 (D) 1944

79. Who among the following is not associated with Political Geography ?

- (A) I. Bowman (B) R. Johnston
(C) F. Ratzel (D) H. J. Mackinder

80. In the two lists given below, List-I provide the name of a Concept, while List-II mentions the Scholar. Match the two lists and choose the correct answer from the code given below.

List – I

(Concept)

- a. Heartland
b. Rimland
c. Classification of State
d. Law of Territorial Growth

List – II

(Scholar)

- i. Van Valkenburg
ii. F. Ratzel
iii. Spykman
iv. Mackinder

Codes :

a b c d

- (A) iv iii i ii
(B) iv iii ii i
(C) iii iv ii i
(D) iii iv i ii

81. Given below are two statements relating to Trishul Peak in Himalayas.

Statement I : It is situated in the Bageshwar district in Uttarakhand

Statement II : This peak is more than 7500 meters high.

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

82. Given below are two statements relating to Wular Lake.

Statement I : It is the largest fresh water lake of Asia.

Statement II : Main source of water for Wular Lake is River Jhelum.

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

83. Given below are two statements relating to Bina-Panki multiproduct pipeline project.

Statement I : The total length of this project is over 400 Km.

Statement II : It covers 07 districts in all that includes 05 in Uttar Pradesh and 02 in Madhya Pradesh.

Select the correct answer using the codes given below.

Codes :

- (A) Both Statements I and II are correct
(B) Both Statements I and II are incorrect
(C) Statement I is correct and Statement II is incorrect
(D) Statement I is incorrect and Statement II is correct

84. Which of the following river basins is the largest in area ?

- (A) Cauvery (B) Mahanadi
(C) Narmada (D) Tapti

85. State which of the following statements related to latitude are true.

1. Rainfall, temperature and vegetation vary with latitude.
2. The difference between the longest and shortest day is increases with latitude.

- (A) Both statements 1 and 2 are correct
 (B) Both statements 1 and 2 are incorrect
 (C) Statement 1 is correct and statement 2 is incorrect
 (D) Statement 1 is incorrect and statement 2 is correct

86. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Read the statements and choose the correct answer using the code given below.

Assertion (A): North Sea records a higher salinity in spite of its location in the high latitudes.

Reason (R) : Saline water is brought to the North Sea by North Atlantic Drift.

Codes :

- (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

87. Which one of the following theories is not related to the origin of Tides ?

- (A) Equilibrium Theory
 (B) Progressive Wave Theory
 (C) Stationary Wave Theory
 (D) Subsidence Theory

88. Which of the following are controlling factors of density of sea water ?

- i. Temperature
- ii. Pressure
- iii. Salinity
- iv. Tides

Choose the correct answer from the options given below.

- (A) i, ii and iv only (B) i, iii and iv only
 (C) i, ii and iii only (D) i, ii, iii and iv

89. The carbondioxide theory of climate change was advanced by

- (A) Arther Holmes
 (B) T. C. Chamberlin
 (C) Kennelly
 (D) Solberg

90. In the two lists given below, List-I provide the name of Ocean Trench, while List-II mentions the Location. Match the two lists and choose the correct answer from the code given below.

List – I

(Ocean Trench)

- a. Java Trench
 b. Romanche Trench
 c. Swire Trench
 d. Tonga Trench

List – II

(Location)

- i. South Atlantic
 ii. East Indian Ocean
 iii. Central South Pacific
 iv. North West Pacific

Codes :

- | | a | b | c | d |
|-----|----|----|-----|-----|
| (A) | i | ii | iii | iv |
| (B) | i | ii | iv | iii |
| (C) | ii | i | iv | iii |
| (D) | ii | i | iii | iv |

91. When population density is obtained through division of total population by cultivable land, it is termed as

- (A) Agricultural Density
 (B) Economic Density
 (C) Nutritional Density
 (D) Physiological Density

92. The 'Mobility Transition Model' of migration was given by

- (A) W.A.V. Clark (B) E. Lee
 (C) Ravenstein (D) W. Zelinski

93. Gradual change in the nature of population growth occurring over a long period of time is termed as

- (A) Population Explosion
 (B) Demographic Transition
 (C) Demographic Dynamics
 (D) Fertility Transition

94. State which of following statements is not correct about literacy rate in India ? Broadly speakup literacy rates in India are comparatively high in :
- (A) South India than in North India
 - (B) Coastal areas than in the interior areas
 - (C) Hindi speaking states than in non-Hindi speaking states
 - (D) Christian tribal areas than in non-Christian tribal areas
95. According to Edward Ackerman's Classification of Population Resource Regions, Israel comes under which of the following categories ?
- (A) United States Type
 - (B) European Type
 - (C) Brazil Type
 - (D) China or Egypt Type
96. Temperature of the earth's surface is determined by which of the following ?
- (A) The amount of energy it receives and emits
 - (B) The amount of energy it receives and absorbs
 - (C) The amount of energy it absorbs and emits
 - (D) The amount of energy it receives, absorbs and emits
97. Insolation refers to which of the following ?
- (A) The flow rate of incoming solar radiation, observed at the top of the atmosphere
 - (B) The flow rate of incoming solar radiation, observed at lower most layer of the atmosphere
 - (C) The flow rate of incoming solar radiation, observed in the middle of the atmosphere
 - (D) The flow rate of incoming solar radiation, observed at the top of the troposphere

98. Daily insolation refers to which of the following ?
- (A) Average insolation rate taken over the duration of sunlight for a month
 - (B) Average insolation rate taken over the duration of sunlight over the day
 - (C) Average insolation rate taken over a 12-hour in a day
 - (D) Average insolation rate taken over a 24-hour in a day
99. In the two lists given below, List-I provide the names of Local Winds, while List-II indicates their location. Match the two lists and choose the correct answer from the codes given below.

List – I**(Local Winds)**

- a. Santa Ana
- b. Mistral
- c. Yoma
- d. Zonda

List – II**(Location)**

- i. Spain and France
- ii. Southern California
- iii. Argentina
- iv. Japan

Codes :

- | | a | b | c | d |
|-----|----------|----------|----------|----------|
| (A) | i | ii | iii | iv |
| (B) | i | ii | iv | iii |
| (C) | ii | i | iv | iii |
| (D) | ii | i | iii | iv |

100. The percentage of radiation is highest from which of the following ?
- (A) Wet Ground (B) Thick Cloud
 - (C) Forest Cover (D) Snow Cover

Space for Rough Work

