

GEOGRAPHY

PAPER - II

Note : This paper contains fifty (50) objective type questions of two (2) marks each. All questions are compulsory.

1. 'Mohorovicic discontinuity' marks the boundary between :
 - (1) Continental shelf and Ocean crust
 - (2) Asthenosphere and lithosphere
 - (3) Crust and the upper mantle**
 - (4) Core and the mantle

2. The process in which one plate slides beneath another is known as :
 - (1) Advection
 - (2) **Subduction**
 - (3) Convergence
 - (4) Convection

3. San Andean fault is a :
 - (1) **Transform fault**
 - (2) Converging fault
 - (3) Spreading fault
 - (4) Submergent fault

4. Which one of the following is a fluvio-glacial deposit ?
 - (1) Pediplain
 - (2) Kame terrace**
 - (3) Floodplain
 - (4) Loess plain

5. Who among the following scholars has given the Subsidence Theory relating to coral-reefs ?
 - (1) Dally
 - (2) Davis
 - (3) Dutton
 - (4) **Darwin**

6. Which one of the following ranges of percentage of increase of CO₂ in the atmosphere since 1750 is correct ?
 - (1) 5 - 10%
 - (2) 10 - 15%
 - (3) 15 - 30%
 - (4) More than 30%**

7. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Select your answer from the code given below :

Assertion (A) : The shift of ITCZ is greater over sea than over land.

Reason (R) : The land surface gets more heated than water bodies .

Code :

- (1) Both (A) and (R) are true and (R) is the correct explanation of (A)
(2) Both (A) and (R) are true, but (R) is not a correct explanation of (A)
(3) (A) is true, but (R) is false
(4) (A) is false, but (R) is true
8. The UVI (Ultra Violet Index) was developed in :
- (1) 1950s (2) **1990s**
(3) 2000s (4) 2010s

9. Match List-I with the List-II and select the correct answer from the code given below :

| List-I | List-II |
|---------------------|-----------------------------|
| (Gasses) | (% of Gasses in Atmosphere) |
| (a) N ₂ | (i) 0.934% |
| (b) Ar | (ii) 0.039% |
| (c) O ₂ | (iii) 78% |
| (d) CO ₂ | (iv) 21% |

Code :

- (a) (b) (c) (d)
- (1) (iii) (i) (ii) (iv)
(2) (i) (iii) (ii) (iv)
(3) **(iii) (i) (iv) (ii)**
(4) (ii) (iv) (i) (iii)

10. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Select your answer from the code given below :

Assertion (A) :

The subpolar low of the Southern Hemisphere is nearly continuous.

Reason (R) :

The land mass is less in the Southern Hemisphere than in the Northern Hemisphere.

Code :

(1) **Both (A) and (R) are true and (R) is the correct explanation of (A)**

(2) Both (A) and (R) are true, but (R) is not a correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

11. Which one of the following regions is with high ocean water salinity ?

(1) Equatorial

(2) Polar

(3) **Subtropical**

(4) Subpolar

12. Which one of the following is responsible for the greatest movements of all the tides ?

(1) Size of the Ocean

(2) Shape of the continents

(3) **Gravitational attraction**

(4) Salinity of the Ocean

13. Which one of the following percentages of distance from earth surface is correct for 'perigee' of Moon than 'apogee' ?

(1) 2%

(2) 5%

(3) 8%

(4) **12%**

14. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Select your answer from the code given below :

Assertion (A) :

The western sides of oceans are always warmer than the eastern margins.

Reason (R) :

The movement of major ocean currents is in the western sides.

Code :

(1) **Both (A) and (R) are true and (R) is the correct explanation of (A)**

(2) Both (A) and (R) are true, but (R) is not a correct explanation of (A)

(3) (A) is true, but (R) is false

(4) (A) is false, but (R) is true

15. Which one of the following terms is appropriate for the mixing zone of two biomes ?
 (1) Environment (2) Ecology (3) Ecosound (4) **Ecotones**
16. Who among the following defined Geography as human ecology ?
 (1) Hartshorne (2) Schaefer (3) **Barrows** (4) Richthofen
17. Who among the following defined Geography as discovery of predictive patterns during Quantitative revolution period ?
 (1) P. Hagget (2) **W. Bunge** (3) D. Harvey (4) R.J. Chorley
18. Who among the following correlated the colour of ocean water and its salinity ?
 (1) **Al Masudi** (2) Al Maqdisi (3) Ibn - Khaldun (4) Ibn - Sina
19. Which one of the following pairs does not match correctly ?
 (1) P. Hagget - Geography a modern synthesis
 (2) **G.P. Marsh** - **Explanation in Geography**
 (3) P.E. James - All possible worlds
 (4) Abler, Adams and Gould - Spatial organizations
20. Match List-I with the List-II and select the correct answer from the code given below :

| List - I (Ideology) | List - II (Proponent) |
|-----------------------------|--------------------------|
| (a) Probabilism | (i) Humboldt |
| (b) Stop-and-go determinism | (ii) Ritter |
| (c) Systematic Geography | (iii) Griffith Taylor |
| (d) Modern Geography | (iv) O.H.K. Spate |

Code :

- (a) (b) (c) (d)
 (1) (i) (iii) (ii) (iv)
 (2) (iii) (iv) (i) (ii)
 (3) **(iv) (iii) (i) (ii)**
 (4) (ii) (iii) (iv) (i)

21. Which one of the following Total Fertility Rate is required to maintain the world's existing population ?

- (1) 3.4 **(2) 2.1** (3) 1.2 (4) 4.2

22. Which of the following characteristics are required for any area to be called an urban area according to census of India ?

- (a) Any place with municipality, corporation, cantonment or notified town area
(b) At least 70% of male working population engaged in non-agricultural activities
(c) Minimum population of 5000 persons
(d) Density of population of 100 persons per square kilometer

Code :

- (1) (a) and (b) (2) (a), (b) and (c)
(3) (a) and (c) (4) (a), (b), (c), (d)

23. Which one of the following is not included in the Ravenstein's Laws of Migration ?

- (1) Most migrants proceeds step by step
(2) Most migrants go for short distance
(3) Most migrants move from Urban to Rural areas
(4) Most migrants are adults

24. Which one of the following is correct statement for Patna city in Bihar and Kolkata city in West Bengal ?

- (1) Edge City (2) World City
(3) Post Industrial City **(4) Primate City**

25. Which one of the following principles denotes K-4 of Christaller's Model of central places ?

- (1) Market (2) Administrative **(3) Transport** (4) Economic



26. Among the following, who developed the formula $\sqrt{\frac{\sum D^2}{N}}$ for calculating crop combination ?

- (1) Doi **(2) J.C. Weaver** (3) Pownall (4) Rafiullah

27. Transportation Cost does not play a major role in the location of textile industry because :

- (1) Cotton is a weight loosing material
(2) Cotton is a weight gaining material
(3) Cotton is a pure material more or less equal to the finished material
(4) Weight loss in cotton during manufacturing is high

28. Which of the following occupation is classified as a secondary activity ?

- (1) Carpenter** (2) Coal mixer (3) School teacher (4) Farmer

29. Which of the following does NOT fall under Intensive subsistence rice cultivation ?

- (1) South East Asia (2) Southern China and Japan
(3) Nile valley and delta (4) Coastal and delta areas of India

30. Which one of the following group of activities are appropriately labelled for Gold-collar worker ?

- (1) Increasing the value of commodities by changing their form
(2) Financial, health, entertainment, education, information and data processing services; middle management administrative services; government bureaucrats
(3) Chief executive officers and other top management executives in both government and private service
(4) Exchanging services and ideas by telecommunication and satisfying the needs of people by changing their location

31. The concept of Lebensraum became popular in the discipline of Political Geography after the publication of :

(1) Political Geography : World Economy, Nation - State and Locality

(2) **Politische Geographic**

(3) Geographical Pivot of History

(4) Making Political Geography

32. Who propounded the 'Theory of Heartland' in Political Geography ?

(1) Smith

(2) Spykman

(3) **Mackinder**

(4) Haushoffer

33. Cephalic index , used to classify human races is calculated as :

(1) Ratio between the length and breadth of the nose

(2) Ratio between the flatness and length of the head

(3) **Ratio between breadth and length of the head**

(4) Ratio between the length of the head and weight of the human body

34. Which of the following statements is NOT true about a state ?

(1) **It always has a social or cultural base**

(2) It has a territorial base

(3) It claims internal sovereignty

(4) It claims sovereignty in external relations

35. Who coined the term Geopolitics ?

(1) Mackinder

(2) Haushoffer

(3) **Kjellen**

(4) Spykman



36. Which one of the following writers quoted “merely packing together of existing sectoral or departmental plans does not automatically make an integrated plan. A plan becomes integrated only when backward and forward linkages are thoroughly analysed and interlinked in the area of planning are clearly specified” ?

(1) S.N. Bhattacharya

(2) R.P. Mishra

(3) L.K. Sen

(4) M.L. Dantwala

37. Which one of the following regions does not constitute the Damodar Valley Region ?

(1) Deltaic Plain of West Bengal

(2) Deltaic Plain of Padma River

(3) Chotanagpur Plateau

(4) Palamau Plateau

38. Match List-I with the List-II and select the correct answer from the code given below :

List-I

List-II

(Level of Planning)

(Scale of map desired)

(a) State

(i) Large

(b) District

(ii) Cadastral

(c) Block

(iii) Medium

(d) Panchayat

(iv) Small

Code :

(a) (b) (c) (d)

(1) (iv) (i) (iii) (ii)

(2) (iv) (iii) (ii) (i)

(3) (i) (ii) (iv) (iii)

(4) (iv) (iii) (i) (ii)

39. Which one of the following proposed the definition of regional planning : “ Regional planning is the process of formulating and classifying social objectives in the ordering of activities in supra-urban space” ?
- (1) Charles L. Leven (2) Antoni Kuklinski
(3) H.W. Richardson (4) **John Friedman**
40. Which one of the following does NOT belong to the Exploitive Model of Urban Structure propounded by William Bunge ?
- (1) City of Superfluity (2) City of Death
(3) **Central Business District** (4) City of Need
41. National Highway No. 48 in India passes through which of the places ?
- (1) Pune, Bengaluru, Chennai (2) Pune, Goa, Coimbatore
(3) Agra, Bhopal, Mumbai (4) **Pune, Surat, Ahmedabad**
42. In which one of the following states of India the maximum Teak forest is found ?
- (1) **Madhya Pradesh** (2) Bihar
(3) Uttar Pradesh (4) Karnataka
43. Which one of the following passes connects Arunachal Pradesh with Tibet ?
- (1) Banihal Pass (2) Chang La Pass
(3) **Bom Dila Pass** (4) Aghil Pass
44. The decadal growth rate of Indian population between 2001 and 2011 census was :
- (1) 16.64% (2) **17.64%** (3) 18.64% (4) 19.64%



45. Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R). Select your answer from the code given below :

Assertion (A) :

Population growth rate (2001-2011) was high for Bihar as compared to Uttar Pradesh.

Reason (R) :

Growth rate of population is the outcome of births minus deaths of a place.

Code :

- (1) Both (A) and (R) are true and (R) is the correct explanation of (A)
 - (2) Both (A) and (R) are true, but (R) is not a correct explanation of (A)
 - (3) (A) is true, but (R) is false**
 - (4) (A) is false, but (R) is true
46. Which one of the following is the correct sequence (in the ascending order) of EMR spectral bands ?
- (1) Blue - Green - Red - Ultra Violet
 - (2) Ultra Violet - Blue - Green - Red**
 - (3) Ultra Violet - Red - Blue - Green
 - (4) Green - Red - Blue - Ultra Violet
47. Match List-I with the List-II and select the correct answer from the code given below :

List - I
(Maps and Diagrams)

List - II
(Aspect)

- | | |
|---------------------|--|
| (a) Isoleth maps | (i) Natural grouping |
| (b) Dot maps | (ii) Population distribution |
| (c) Scatter diagram | (iii) Wind direction |
| (d) Star diagram | (iv) Changes over space which are relatively gradual |

Code :

- (a) (b) (c) (d)
- (1) (iv) (ii) (i) (iii)**
- (2) (iv) (i) (iii) (ii)
- (3) (i) (ii) (iii) (iv)
- (4) (ii) (iii) (iv) (i)

48. Which one of the following group of colours is called primary colours ?

- (1) White, red and green **(2) Blue, green and red**
(3) Yellow, violet and indigo (4) Green, blue and black

49. Consider the following line symbols :

- (a) Isobars (b) Contours
(c) Hachures (d) Isochrones

Which of the above depicts relief ?

Select the correct answer using the code given below :

- (1) (a) and (d) (2) (a) and (b)
(3) (b) and (c) (4) (b) and (d)

50. Which one of the following terms is used to measure the extreme peak in a normal distribution ?

- (1) Skewed (2) Mesokurtic **(3) Leptokurtic** (4) Platykurtic

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