

1. The Agulhas current flows in:
A) Indian Ocean B) Pacific Ocean
C) Atlantic Ocean D) Arctic Ocean
2. Who defined Geography as human ecology?
A) Humboldt B) Barrows C) Dickinson D) Hartshorne
3. Which type of scattering takes place from clouds?
A) Rayleigh scattering B) Crompton Scattering
C) Raman scattering D) Mie scattering
4. Nathu La pass connects:
A) Sikkim to Tibet B) Jammu Kashmir with North plains
C) Srinagar to Leh D) Sikkim to Arunachal Pradesh
5. Hydraulic slope theory was given by:
A) C. Darwin B) W. Penck
C) R.E. Horton D) W. M. Davis
6. The bars which are parallel to the coast but are not attached to land:
A) Bayhead bar B) Onshore bar
C) Offshore bar D) Spit
7. Identify the Wildlife sanctuary located on the southern Delhi Range of the Aravalli Range:
A) Gajner sanctuary B) Asola Bhatti sanctuary
C) Kaila devi sanctuary D) Bandh Bharatha sanctuary
8. Among the following, who is known as the “Herodotus of the Arabs”:
A) Al Idrisi B) Ibsina C) Al Biruni D) Al Masu’ di
9. The Infra-red wavelength of electromagnetic radiation lies between :
A) 0.4 and 0.7 μ m B) 0.7 and 1.3 μ m
C) 0.7 and 14 μ m D) 0.1mm and 1m
10. The author of “ Geography and Politics in a World Divided”:
A) John Angrew and Luca Muscerva
B) Alexander Nickolaievich
C) Geoffrey Parker
D) Saul Bernard Cohen

11. Match List I with List II:
- | | |
|------------------------------|---------------------|
| List I (Model) | List II (Profunder) |
| a. Economic Landscape | 1. W.W. Rostow |
| b. Agricultural Location | 2. August Losch |
| c. Agricultural Systems | 3. Whittlesey |
| d. Stages of Economic Growth | 4. Von Thunen |
- A) a -4, b -3, c -1, d -2 B) a -2, b -4, c -3, d -1
C) a -1, b -4, c -3, d -2 D) a -4, b -3, c -2, d -1
12. Who postulated the 'Progressive wave theory of tides'?
- A) C. Darwin B) R. A. Harris
C) William Whewill D) Daly
13. The Ocean route which is the most important and busiest route in the world:
- A) The Cape Route B) North Pacific Route
C) South Atlantic Route D) North Atlantic Route
14. The largest producer of wind energy in India:
- A) Karnataka B) Tamil Nadu C) Rajasthan D) Andhra Pradesh
15. The process responsible for the weathering of rocks in a Karst region:
- A) Oxidation B) Hydrolysis C) Carbonation D) Screeformation
16. Assertion [A] : The monsoon of southern and eastern Asia driven by the location, size of its landmass and proximity to Indian Ocean.
Reason [R] : The wind and upper pressure patterns in the upper air circulation are associated with the generation of monsoon flows.
- A) Both [A] and [R] are false
B) Both [A] and [R] are true and [R] is the reason for [A]
C) [A] is true but [R] is not the reason for [A]
D) [A] is false but [R] is true
17. Who among the following is credited with incorporation of the concept of geographical space in the Growth Pole Theory?
- A) Bourdeville B) A. Losch C) Myrdal D) Friedman
18. Match List I with List II:
- | | |
|---------------------------|---------------------|
| List I (Mountain passes) | List II (State/UT) |
| a. The Banihal pass | 1. Uttarakhand |
| b. The Bara Lacha La pass | 2. Sikkim |
| c. The Jelap La pass | 3. Jammu&Kashmir |
| d. The LipuLekh pass | 4. Himachal Pradesh |
- A) a-4, b-3, c-2, d-1 B) a-3, b-1, c-4, d-2
C) a-1, b-3, c-4, d-2 D) a-3, b-4, c-2, d-1

37. The headquarter of East- central Railway is:
 A) Bhubaneswar B) Hajipur
 C) Kolkata D) Gorakhpur
38. The River to which 'Lokapavani' is a tributary:
 A) Godavari B) Cauveri C) Narmada D) Mahanadi
39. Author of the book "New Exploration – A Philosophy of Regional Planning":
 A) Hirschmann B) E. Ahmed C) R.P .Misra D) B. Mackaye
40. Trade winds blow from:
 A) Equatorial low Pressure B) Sub-polar low pressure
 C) Sub-tropical high pressure D) Polar high pressure
41. Who among the following opined that 'Geography is the art of mappable'?
 A) Schafer B) Ackerman C) Peter Hagget D) J. Bruhnes
42. The 'Great Barrier Reef' is located in:
 A) Soloman sea B) Arafura sea C) Coral sea D) Bismarck sea
43. A defined zone or area created around or within a geographic feature such as point, line, or polygon:
 A) Buffer B) Resolution C) Pixel D) Re-classification
44. The Rimland theory was formulated by:
 A) Mackinder B) Spykman C) Ullman D) Zipf
45. The type of glacier form in a sloping valley between rock walls is ----- glacier.
 A) Firn B) Alpine C) Continental D) Piedmont
46. Choose the cloud that forms a mackerel sky:
 A) Altostratus B) Cirrostratus
 C) Altocumulus D) Cirrocumulus
47. Assertion [A] : Siefs are formed due to the depositional action of wind.
 Reason [R] : Siefs are the products of fluvio-marine action.
- 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
48. Calculate the scale of an areal photograph taken from a flight at a height of 2.5km above mean sea-level using a camera having a focal length of 148mm and the average ground elevation is 400 m above mean sea-level:
 A) 1:14,187 B) 1:150,000 C) 1:141,870 D) 1:10,000

59. The ethnic group 'Bhils' are found in:
 A) Punjab B) Karnataka C) Orissa D) Rajasthan
60. The smallest linguistic group in India:
 A) Sino-Tibetan B) Indo-European
 C) Dravidian D) Sentinel
61. The projection which suits the mid-latitude area better is ---- projections.
 A) Zenithal B) Conical
 C) Cylindrical D) Modified cylindrical
62. The rocks which is generally found in the island-arcs:
 A) Granite B) Pegmatite C) Andesite D) Limestone
63. Alluvial cone is predominant in:
 A) Coastal region B) Piedmont zone
 C) River deltas D) Plateaus
64. The region that has a typical dispersed rural settlement pattern is:
 A) Telengana Plateau B) Western Rajasthan
 C) Western Ganga plain D) Kerala coastal plain
65. Match List I with List II:
 List I (Philosophers) List II (Thrust)
 a. Herodotus 1. Trigonometry
 b. Ptolemy 2. Geocentric theory
 c. Al-Biruni 3. Indian culture
 d. Hipparchus 4. Historical narrative
- A) a -4, b -2, c -3, d -1 B) a -1, b -4, c -2, d -3
 C) a -2, b -1, c -4, d -3 D) a -4, b -1, c -3, d -2
66. Identify the correct characteristics of Pastoral nomadism among the following:
 1. Pastoral nomadism is the dominant form of economic activity
 2. Maintenance of herds all year round on a system free range grazing without stables.
 3. The orientation of production is commercial
 4. Migratory way of life in contrast to settle way of life of agriculturalists.
- A) 2, 3 & 4 only B) 1, 2 & 4 only
 C) 1 & 4 only D) 2 & 3 only
67. The contour interval of a SOI topographic map bearing the number 47P/11 SW is --- metres.
 A) 10 B) 20 C) 50 D) 100

68. Arrange the following geological periods in correct chronological order:
 1. Cambrian 2. Cretaceous 3. Ordovician 4. Triassic
- A) 1, 4, 3, 2 B) 1, 3, 4, 2 C) 2,4,3,1 D) 4,2,3,1
69. Which type of composite human race is characterized by tall stature, a short head, a high or relatively narrow nose, straight or wavy black hair and yellowish brown skin?
- A) Hottentots B) Melanaseans
 C) Polynesian D) American Indians
70. Match List I with List II:
- | | |
|---------------------|-------------------------------------|
| List I (Trade Bloc) | List II (Headquarter) |
| a. SAARC | 1. Geneva, Switzerland |
| b. EFTA | 2. Brussels, Belgium |
| c. EU | 3. Bangui, Central African Republic |
| d. CEMAC | 4. Kathmandu, Nepal |
- A) a-4, b-2, c-1, d-3 B) a-1, b-2, c-3, d-4
 C) a-4, b-1, c-2, d-3 D) a-1, b-4, c-3, d-2
71. The warm, dry wind similar to foehn, that move down the slopes of mountains in the United States :
- A) Mistral B) Santa Anna C) Chinook D) Fall wind
72. Primary ecological succession are visible in:
- A) New Volcanic islands B) Interior forests
 C) Beaches D) Flood plains
73. The national highway which connects Kundanoor and Willingdon island in Kochi:
- A) NH 244 B) NH 19 C) NH 544 D) NH 966 B
74. A continuous urban spread constituting a town and its adjoining outgrowths or two or more physically contiguous towns with or without outgrowths of such towns is called:
- A) Megalopolis B) Urban Agglomeration
 C) Conurbation D) Mega city
75. Among the following which is **not** a downstream project of Indirasagar dam multipurpose project:
- A) Parbati B) Omkareswar
 C) Sardarsarovar D) Maheswar
76. Identify the statement which is most suitable for hot spots in Biodiversity region:
- A) Abundant existence of plants and animals
 B) Richest and most threatened reservoirs of plants and animals
 C) Sparse distribution of plants and animals
 D) Optimal distribution of plants and animals

87. Match List I with List II:
 List I (Settlements /Hamlets) List II (Description)
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|---------------|--|
| a. Nucleated | 1. Remote and inaccessible areas |
| b. T-shaped | 2. Rich agricultural plain areas |
| c. Fan shaped | 3. Junction of village road with Highway |
| d. Dispersed | 4. Converging at religious centres |
- A) a -4,b- 1,c -2, d -3 B) a -3, b -4, c-1, d -2
 C) a -4, b -3, c -2,d -1 D) a -2, b -3, c -4, d -1
88. The city famous for glass industries in India:
 A) Chennai B) Firozabad
 C) Visakhapatnam D) Agra
89. "The purpose of geography is to focus attention on the diverse phenomenon that occurs in interrelationship on the surface of the earth", the statement was forwarded by:
 A) Ratzel B) Immanuel Kant
 C) Whittlesey D) Ritchthofen
90. Match List I with List II:
 List I List II
- | | |
|-------------------------------|------------------|
| a. Concept of Peneplain | 1. Kober |
| b. Tetrahedral Hypothesis | 2. J.T. Hack |
| c. Geosynclinal Orogen theory | 3.Lowthian Green |
| d. Dynamic equilibrium theory | 4. W.M. Davis |
- A) a- 4, b -3, c -1, d -2 B) a -2, b -3, c -4, d -1
 C) a -1, b -2, c -3, d -4 D) a -4, b -3, c -2, d -1
91. The oldest mountain range in India:
 A) Western Ghats B) Eastern Ghats
 C) Aravalli Range D) Satpura Range
92. A regional character and specific geographic content to the growth pole theory of Perroux was given by:
 A) Myrdal B) August Losch
 C) Boudeville D) A.O. Hirschman
93. The first five year plan in India was launched on:
 A) April 1951 B) December 1951
 C) April 1950 D) December 1950
94. Arrange the States in descending order in terms of area under wheat cultivation:
 1. Uttar Pradesh 2. Rajasthan 3. Madhya Pradesh 4. Punjab
- A) 1,4,2,3 B) 2,1, 4,3 C) 1,3, 4,2 D) 4,1, 2,3

95. The industrial region known as the 'Ruhr of India':
 A) Hoogly industrial region B) Bangalore industrial region
 C) Vadodara industrial region D) Plateau industrial region
96. Which among the following is **not** true with respect to vector data?
 A) It is discrete in nature
 B) It is simple data
 C) It stores data in line, point and polygons
 D) It uses 'X' and 'Y' coordinates to define geographic elements.
97. The climatic condition which expedite chemical weathering:
 A) Cold and dry B) Hot and dry
 C) Cold and humid D) Hot and humid
98. Identify the correct sequence in the erosion of a headland:
 A) Headland, stack, bay, arch, stump
 B) Headland, arch, cave, stack
 C) Headland, stump, stack, cave
 D) Headland, cave, arch, stack
99. According to Thornthwaite's Thermal efficiency calculation, Thermal Index value between 32 and 63 indicates the thermal province of:
 A) Sub-tropical B) Taiga C) Temperate D) Tundra
100. Arrange the provided representations of cultural units from highest to lowest order:
 1. Trait 2. Complex 3. Realm 4. Region

 A) 2, 1, 3, 4 B) 3,4, 2, 1 C) 3, 2, 1, 4 D) 2, 3, 4, 1
101. The discontinuity which separates the Crust and Mantle of the earth is ---- discontinuity.
 A) Conard B) Lehman C) Mohorovicic D) Guttenberg
102. Who postulated that the 'Earth's crust is a more rigid shell floating on a more rigid liquid substratum of greater density'?
 A) J.H. Pratt B) C. Dutton C) J. Pickard D) G.B. Airy
103. Winter rains in North Plains are caused by depressions from:
 A) Mediterranean Sea B) Arabian Sea
 C) Bengal Ocean D) Pacific Ocean
104. The philosopher who tried to resolve the problem of dualism in geography by incorporating the 'environment' concept with major focus on man:
 A) E. Huntington B) Ratzel
 C) E. C. Semple D) Vidal de la Blache

105. The resolution of satellite images, indicating the sensor's capability to distinguish radiation intensity is ---- Resolution.
 A) Spatial B) Temporal C) Spectral D) Radiometric
106. The crop combination method, known as maximum positive deviation method was advanced by:
 A) Weaver B) Doi C) Rafiullah D) M.Shaffi
107. The Maginot line which exists between the boundaries of:
 A) Namibia and Angola B) France and Germany
 C) Germany and Poland D) USA and Canada
108. An image that has been geometrically corrected to have uniform scale and minimal distortion, similar to a map, is known as:
 A) Panchromatic image B) Cartogram
 C) Composite D) Ortho image
109. Fruits and vegetable Agricultural Region in India extends between:
 A) Parts of Tamil Nadu and Andhra Pradesh
 B) Western Rajasthan and Northern Gujarat
 C) Kashmir in the west to Assam in the east
 D) Rajasthan, Madhya Pradesh and Deccan
110. The latest Satellite launched by India is:
 A) EOS-4 B) INSAT-3DR
 C) RISAT-2BR1 D) INSAT-3DS
111. The population size for class iv town in India is:
 A) 10000 to 19999 B) 20000 to 39999
 C) 20000 to 49999 D) 5000 to 9999
112. Assertion[A] : Moon actually takes 24 hours and 50 minutes to complete one revolution around the earth.
 Reason [R] : Once every lunar day, two high tides and two low tides are produced.
- 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
113. The convention in which the Agenda 21 was adopted:
 A) Rio-Earth summit B) Stockholm convention
 C) Rotterdam convention D) Rio de Janeiro convention

114. Spatial Diffusion Model in geography was developed by:
A) Jan Tinbergen B) T.Hagerstrand
C) L D Stamp D) Hagget
115. Which of the following is **not** related to the measures of central tendency?
A) Median B) Mode C) Frequency D) Mean
116. The seas connected by Suez Canal:
A) Arabian sea and Mediterranean sea
B) Red sea and China sea
C) North sea and Baltic sea
D) Red sea and Mediterranean sea
117. Which of the following is **not** a monsoon region?
A) NW Australian region B) South and south-east Asia
C) Guinea coast D) Western European region
118. The theory which explains the hierarchy of urban areas:
A) Central place theory B) Sector theory
C) Rank-size Rule D) Multiple Nuclei theory
119. Currents flowing under the influence of prevailing winds are known as:
A) Wave B) Current C) Drift D) Stream
120. How many satellites are there in IRNSS space segment?
A) 24 B) 7 C) 12 D) 4
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