

10. Which of the following is an example for a Functional Region?
 A) Taiga B) Selva C) Hinterland D) Pampas
11. Which of the following statements regarding CBD is **WRONG**?
 A) It is an area of the highest land value
 B) Floating population is more than the residential population
 C) Accessibility is the maximum in the entire city
 D) Intensity of land use is the least here
12. Gnomon was an instrument developed by:
 A) Anaximander B) Strabo C) Herodotus D) Humboldt
13. Silesia coalfield is in:
 A) Hungary B) France C) Ukraine D) Poland
14. Identify the **WRONG** statement from the following:
 A) Al Masudi contributed more in the field of Geodesy
 B) Eratosthenes measured the circumference of the earth
 C) Thales of Miletus applied principles of geometry to measure land area
 D) Strabo wrote 17 volumes of book on Geography
15. Kumaon Himalayas occur in between the rivers:
 A) Jhelum & Ravi B) Beas & Sutlej
 C) Sutlej & Kali D) Indus & Chenab
16. Which of the following is a tributary river for Brahmaputra?
 A) Manjira B) Subansiri C) Indravati D) Gandak
17. Master Control Facility of the Indian Space Research Organization is located at:
 A) Bengaluru B) Thiruvananthapuram
 C) Sriharikota D) Hassan
18. The first satellite that was used for commercial public use is
 A) INSAT B) SPOT C) LANDSAT D) IRS IA
19. GAGAN which helps airport navigation is a project developed by
 A) Israel B) Japan C) France D) India
20. Protolan charts helped:
 A) Navigation B) Astronomy
 C) Modern cartography D) Map reproduction
21. In Taylor's Climograph "Raw" condition occurs in:
 A) Northeast corner B) Southeast corner
 C) Northwest corner D) Southwest corner

22. Product Moment Correlation Technique was devised by:
 A) Randall B) Pearson C) Spearman D) Zipf
23. Consider the following statements with regard to aeolian landforms and identify the correct answer using codes given below:
 1. Deflation is a major process of removal of material from the surface
 2. Erosion near the surface is very high
 3. In barchans the horns occur on the leeward side
- A) 1 and 3 are correct B) 2 and 3 are correct
 C) Only 1 is correct D) Only 3 is correct
24. Identify the correct sequence of Geological Periods from the youngest to the oldest
 A) Permian, Carboniferous, Devonian, Silurian
 B) Carboniferous, Permian, Silurian, Devonian
 C) Silurian, Carboniferous, Devonian, Permian
 D) Devonian, Silurian, Permian, Carboniferous
25. Rio Grande Rise and Walvis ridge occur in:
 A) Pacific Ocean B) Mediterranean Sea
 C) Atlantic Ocean D) Black Sea
26. When humidity is represented as grams per cubic metre of air it indicates:
 A) Absolute Humidity B) Specific Humidity
 C) Relative Humidity D) Dew point
27. Which of the following cities does not experience vertical rays of the sun?
 A) Mumbai B) Cairo
 C) Kuala Lumpur D) Bangkok
28. Identify the correct sequence of Biosphere Reserves from the oldest to the new one as per their date of declaration.
 A) Nilgiri, Manas, Agasthyamalai, Seshachalam
 B) Manas, Seshachalam, Nilgiri, Agasthyamalai
 C) Seshachalam, Nilgiri, Agasthyamalai, Manas
 D) Nilgiri, Seshachalam, Manas, Agasthyamalai
29. The concept of ecosystem was introduced by
 A) Detwyler B) Tansley C) Darwin D) Ehrlich
30. Which of the following statements is **WRONG**?
 A) Agriculture is a simplifier of ecosystem
 B) Natural balance is also known as Ecosystem Homeostasis
 C) Eutrophication process reduces the plant density in the ecosystem
 D) Primary ecological succession is observed on a new volcanic island

31. Site and Situation Approach was first used by:
 A) Auroseau B) Blanchard C) Gottman D) Harris
32. Who among the following developed a model of urban population density?
 A) Clark B) Hoyt C) Burgess D) Berry
33. Identify the correct sequence of Districts in Kerala in the descending order as per their level of urbanization in 2011
 A) Ernakulam, Thrissur, Kozhikode, Kannur
 B) Ernakulam, Kozhikode, Kannur, Thrissur
 C) Thrissur, Kozhikode, Kannur, Ernakulam
 D) Kozhikode, Ernakulam, Kannur, Thrissur
34. Who among the following does not propose a theory of population migration?
 A) Ravenstein B) Marx C) Lee D) Stouffer
35. In Asia, Transhumance is most notable in:
 A) Kyrgyzstan B) Iraq C) Jordan D) Syria
36. Consider the following statements regarding sex ratio in India and identify the correct answer using the codes given below:
 1. As per 2011 Census the average sex ratio in India was 940 females per 1000 males
 2. Haryana has the lowest sex ratio among the major States in India
 3. Among the Union Territories Delhi had the highest sex ratio
 A) 1, 2, 3 are correct B) Only 1 and 2 are correct
 C) Only 3 is correct D) Only 2 and 3 are correct
37. Which of the following is a major wheat producing region in North America?
 A) Saskatchewan B) Arkansas
 C) Louisiana D) California
38. Mesabi range is notable for the production of:
 A) Gold B) Coal C) Iron ore D) Bauxite
39. Kalgoorli region which is significant for gold production is in:
 A) Rhodesia B) South Africa C) Canada D) Australia
40. Which of the following is a right bank tributary for river Ganges?
 A) Kosi B) Son C) Gomti D) Ghaghara
41. Forest Research Institute in India is located at:
 A) Shimla B) Nainital C) Dehra Dun D) Shillong
42. The number of Agro-climatic zones identified by the Planning Commission of India:
 A) 7 B) 10 C) 15 D) 24

55. Backwash and Spread Effect ideas were explained by
 A) Gunnar Myrdal B) Walther Isard
 C) VLS Prakasa Rao D) Boudeville
56. Theory of stages of Economic Development Concept was developed by
 A) R P Misra B) Myrdal
 C) Boudeville D) Rostow
57. Ferrel's Law describes changes in the:
 A) Wind direction B) Wind velocity
 C) Humidity D) Atmospheric pressure
58. In Demographic Transition Model the Low Stationary Stage is characterized by:
 A) High Birth Rate & Low Death Rate
 B) High Birth and Death Rates
 C) Low Birth and Death Rates
 D) Low Birth Rate & High Death Rate
59. Identify the correct descending order sequence of countries with regard to production of maize in the world in 2016.
 A) USA, India, Argentina B) USA, China, Brazil
 C) China, India, Russia D) India, China, USA
60. Optimum Theory of Population was elaborated by:
 A) Caar Saunders B) Esther Boserup
 C) Karl Marx D) Demangeon
61. Share of Africa to the total world population as per 2015 world population prospects is:
 A) 11% B) 16% C) 21% D) 26%
62. Tombolo is a landform associated with the work of:
 A) Underground water B) Wind
 C) Sea waves D) Rock weathering
63. Identify the **CORRECT** statement with regard to karst landforms
 A) The basic type of rock formation is sandstone
 B) Speleology refers to the study of underground caverns
 C) Solution activity is minimal in the region
 D) This type of landforms is typically developed in the Karst province in Turkey
64. Growth Pole Theory was outlined by:
 A) VLS Prakasa Rao B) L S Bhat
 C) Chandrasekar D) Perroux

65. As per Sen Gupta's classification, India is divided into:
 A) 7 Major and 42 minor regions
 B) 15 Major and 48 minor regions
 C) 7 Major and 51 minor regions
 D) 13 Major and 35 minor regions
66. Concept of Determinism was very staunchly supported by:
 A) Sauer B) Semple C) Febvre D) Brunhes
67. Principle of Unity in Diversity in Geography was elaborated by:
 A) Vidal de la Blache B) Carl Ritter
 C) Ellen Semple D) Isaiah Bowman
68. Every year June 8th is observed as:
 A) World Biodiversity Day B) World Migratory Bird Day
 C) World Oceans Day D) World Water Day
69. The Ultra Mega Power Project in Madhya Pradesh is located at:
 A) Sasan B) Sagar C) Satna D) Bhopal
70. Epicantic fold is a characteristic feature of:
 A) Mongoloid race B) Nordic people
 C) Pygmies D) Bushmen of Kalahari
71. The "Rimland Theory" was propagated by:
 A) Spykman B) Mackinder C) Herbertson D) Hettner
72. As per Ancient Indian Geography, Saka Dwipa refers to the present day:
 A) Southwest Asia B) Southeast Asia
 C) Northwest Europe D) Northeast Siberia
73. Consider the following statements and identify the correct answer using the codes given below:
 1. Griffith Taylor propagated the idea of Stop and Go Determinism
 2. Jean Brunhes belongs to German School of Geography
 3. Febvre is a staunch supporter of the concept of Possibilism
- A) 1, 2, 3 are correct B) Only 1 and 2 are correct
 C) Only 1 and 3 are correct D) Only 2 and 3 are correct
74. Quantitative revolution in Geography happened between:
 A) 1935 and 1952 B) 1949 and 1965
 C) 1961 and 1974 D) 1986 and 1997

75. Consider the following statements regarding cultural regions and identify the correct answer using the codes given below:
1. Earliest civilizations influenced spread of culture all over the world
 2. There are seven original cultural hearths in the world
 3. Fertile Crescent is one of the original cultural hearths
- A) 1, 2, 3 are correct B) Only 1 and 2 are correct
 C) Only 1 and 3 are correct D) Only 2 and 3 are correct
76. Which of the following countries currently experiences the declining stage of Demographic Transition Model?
- A) France B) Jordan C) Bulgaria D) Nigeria
77. Which of the following cities is known as Steel City of Russia?
- A) St. Petersburg B) Minsk
 C) Magnitogorsk D) Novosibirsk
78. The prominent Indian Geographer who wrote a book on Population Geography is:
- A) R L Singh B) R P Misra
 C) R.C. Chandna D) Manzoor Alam
79. Identify the correct descending order sequence of districts in Kerala as per Population Density according to Census 2011
- A) Thiruvananthapuram, Alappuzha, Kozhikode, Malappuram
 B) Malappuram, Kozhikode, Thiruvananthapuram, Alappuzha
 C) Kozhikode, Thiruvananthapuram, Alappuzha, Malappuram
 D) Malappuram, Thiruvananthapuram, Alappuzha, Kozhikode
80. Consider the following statements with regard to pressure belts and identify the correct answer using the codes given below:
1. Pressure belts may be thermal or dynamic origin
 2. Subtropical high pressure belts are of thermal origin
 3. Subpolar low pressure is a continuous belt in the southern hemisphere
- A) 1, 2 and 3 are correct B) Only 2 and 3 are correct
 C) Only 1 and 3 are correct D) Only 3 is correct
81. As per Koppen, the temperature of the coolest month in "A" climate is more than
- A) 10° C B) 15° C C) 18° C D) 21° C
82. In Koppen's climatic classification the symbol "f" denotes:
- A) winter rainfall B) fog
 C) rainfall in all months D) summer rainfall
83. In the earth, Cryosphere refers to:
- A) volcanic regions B) mangrove and swamps
 C) sandy deserts D) ice and snow covered regions

84. Identify the **WRONG** statement regarding range of temperature
 A) In equatorial regions the annual range of temperature is low
 B) Diurnal range of temperature is very high in desert regions
 C) Interior parts of continents record the lowest range of annual temperature
 D) Oceans play a moderating role in range of temperature in the coastal regions
85. The Three Gorges Hydel Power Project is constructed on the river
 A) Mississippi B) Amazon C) Yangtze D) Rhine
86. In terms of the number of passengers handled, the busiest airport in the world is in:
 A) Dubai B) Atlanta C) Hongkong D) London
87. As per FAO data the largest country in terms of marine fish production in 2014 is:
 A) Japan B) Peru C) China D) Norway
88. Identify the correct chronological sequence of the given steel plants in India based on their date of commissioning
 A) Bokaro, Visakhapatnam, TISCO, Durgapur
 B) TISCO, Bokaro, Durgapur, Visakhapatnam
 C) Durgapur, Bokaro, TISCO, Visakhapatnam
 D) TISCO, Durgapur, Bokaro, Visakhapatnam
89. The number of World Heritage Sites in India as on July 2016 is:
 A) 24 B) 29 C) 35 D) 43
90. The National Seed Research and Training Centre in India is located at:
 A) Kanpur B) Chandigarh C) Coimbatore D) Varanasi
91. The first ranking major port in India in terms of total cargo tonnage handled is:
 A) Kandla B) Mumbai
 C) Visakhapatnam D) Kochi
92. Which of the following maps is most useful for ocean navigation?
 A) Mercator's projection B) Sinusoidal projection
 C) Molleweide's projection D) Polyconic projection
93. Who among the following is associated with hachuring?
 A) Robinson B) Lehmann C) Raisz D) Strahler
94. Tummalapalle in Andhra Pradesh is significant for large scale reserves of:
 A) Gold B) Bauxite C) Copper D) Uranium
95. As per the new numbering system, the longest National Highway is:
 A) NH 25 B) NH 31 C) NH 44 D) NH 48
96. Rishra in West Bengal is notable for:
 A) Chemical Industry B) Jute Industry
 C) Thermal Power Generation D) Hydel Power Generation

97. Identify the statement which is **WRONG**?
- A) Wentworth developed a method to analyze slope
 B) Foster's climograph uses wet bulb temperature and relative humidity
 C) Sinusoidal projection is also called Sanson-Flamsteed projection
 D) Block diagrams help to correlate the geologic structure with surface landform
98. Who is generally regarded as the "Father of GIS"?
- A) Peter Burrough B) Thomas Lillesand
 C) Roger Tomlinson D) David O'Sullivan
99. Which of the following is a Geostationary Satellite?
- A) CARTOSAT 2 B) INSAT 4B
 C) IRS ID D) QuickBird
100. The total number of satellites in the Indian Regional Navigation Satellite System is
- A) 5 B) 7 C) 11 D) 14
101. In Kerala, the district which ranks first in pepper cultivation is:
- A) Thiruvananthapuram B) Wayanad
 C) Idukki D) Kottayam
102. As per vital statistical data, the district which has the highest birth rate in 2014 in Kerala is:
- A) Idukki B) Kozhikode
 C) Kasaragod D) Malappuram
103. Koraput in Odisha is notable for:
- A) Pharmaceutical Industry B) Fertilizer Industry
 C) Aluminium Industry D) Chemical Industry
104. Tilaiya dam is a part of:
- A) Tungabhadra Project B) Hirakud Project
 C) Bhakra Nangal Project D) Damodar Valley Project
105. The only corporate port in India which is a public company is:
- A) Paradip B) Ennore
 C) Kandla D) Tuticorin
106. A zone of specific distance around coverage features useful for proximity analysis in GIS is called:
- A) Polygon B) Buffer C) Layer D) Island
107. The reference co-ordinate system used by GPS is:
- A) GRS 80 B) WGS 84 C) TIGER D) DIGEST

108. **Assertion [A] :** Subpolar low pressure belt in the southern hemisphere is cellular in nature
Reasoning [R] : Most of this region is covered only by oceans
- A) Both “A” and “R” are true and “R” is the correct explanation for “A”
B) Both “A” and “R” are true but “R” is NOT the correct explanation for “A”.
C) “A” is True but “R” is False
D) “A” is False but “R” is True
109. **Assertion [A] :** Northeastern Atlantic sea coast is the most densely populated region in North America
Reasoning [R] : This is the first major area to be settled by the Europeans
- A) Both “A” and “R” are true and “R” is the correct explanation for “A”
B) Both “A” and “R” are true but “R” is NOT the correct explanation for “A”.
C) “A” is True but “R” is False
D) “A” is False but “R” is True
110. **Assertion [A] :** Drumlin has steep slope on one side and gentle slope on the other side
Reasoning [R] : Drumlins occur due to plucking action of glacial erosion
- A) Both “A” and “R” are true and “R” is the correct explanation for “A”
B) Both “A” and “R” are true but “R” is NOT the correct explanation for “A”.
C) “A” is True but “R” is False
D) “A” is False but “R” is True
111. **Assertion [A] :** Mid-Atlantic Ridge is an example for divergent plate boundary
Reasoning [R] : Older rocks occur at the centre of the ridge and younger rocks occur on either side
- A) Both “A” and “R” are true and “R” is the correct explanation for “A”
B) Both “A” and “R” are true but “R” is NOT the correct explanation for “A”.
C) “A” is True but “R” is False
D) “A” is False but “R” is True

112. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Terms]

List II [Related to]

- I. Buried Face
- II. Doline
- III. Exfoliation
- IV. Solifluction

- 1. Karst region
- 2. Mass Wasting
- 3. Weathering
- 4. Hill slope
- 5. Sea wave action

	I	II	III	IV
A)	4	1	3	2
B)	3	5	1	4
C)	2	4	1	5
D)	5	1	3	2

113. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Current]

List II [Ocean]

- I. Labrador
- II. Oyashio
- III. Mozambique
- IV. Humboldt

- 1. Southern Indian Ocean
- 2. Northern Atlantic Ocean
- 3. Southern Pacific Ocean
- 4. Northern Pacific Ocean
- 5. Northern Indian Ocean

	I	II	III	IV
A)	4	1	2	3
B)	2	4	1	3
C)	5	4	3	2
D)	3	4	5	2

114. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Geomorphologists]

List II [Related to]

- I. Peltier
- II. Horton
- III. Mercalli
- IV. Wood

- 1. Slope Analysis
- 2. Morphometric Analysis
- 3. Weathering
- 4. Morphogenic Regions
- 5. Earthquake

	I	II	III	IV
A)	4	2	5	1
B)	1	2	3	4
C)	4	5	2	3
D)	5	2	3	4

115. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Concepts]

List II [Authors]

- | | | |
|------|-----------------------|----------------|
| I. | Social Area Analysis | 1. Hoyt |
| II. | 'k' Value | 2. Burgess |
| III. | Sector Model | 3. Shevky |
| IV. | Concentric Zone Model | 4. Losch |
| | | 5. Christaller |

- | | I | II | III | IV |
|----|----------|-----------|------------|-----------|
| A) | 2 | 5 | 3 | 1 |
| B) | 5 | 2 | 1 | 4 |
| C) | 3 | 5 | 1 | 2 |
| D) | 5 | 2 | 3 | 4 |

116. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Author]

List II [Theme]

- | | | |
|------|------------|--------------------------|
| I. | Comte | 1. Exceptionalism |
| II. | Schaefer | 2. Cognitive Maps |
| III. | Tolman | 3. Positivism |
| IV. | Hartshorne | 4. Behaviouralism |
| | | 5. Areal Differentiation |

- | | I | II | III | IV |
|----|----------|-----------|------------|-----------|
| A) | 4 | 1 | 2 | 3 |
| B) | 5 | 1 | 2 | 4 |
| C) | 2 | 4 | 1 | 5 |
| D) | 3 | 1 | 2 | 5 |

117. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Author]

List II [Book]

- | | | |
|------|------------|--|
| I. | Peet | 1. <i>Principles of Cartography</i> |
| II. | Raisz | 2. <i>Locational Analysis in Human Geography</i> |
| III. | Haggett | 3. <i>Analytical Human Geography</i> |
| IV. | Hartshorne | 4. <i>The Nature of Geography</i> |
| | | 5. <i>Radical Geography</i> |

- | | I | II | III | IV |
|----|----------|-----------|------------|-----------|
| A) | 4 | 1 | 2 | 3 |
| B) | 5 | 1 | 2 | 4 |
| C) | 2 | 4 | 1 | 5 |
| D) | 3 | 1 | 4 | 5 |

118. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Oil field]

List II [Country]

- | | | | |
|------|-----------|----|--------------|
| I. | Kirkuk | 1. | Kuwait |
| II. | Gawar | 2. | Saudi Arabia |
| III. | Burgan | 3. | Iran |
| IV. | Agha Jari | 4. | UAE |
| | | 5. | Iraq |

- | | I | II | III | IV |
|----|----------|-----------|------------|-----------|
| A) | 5 | 2 | 1 | 3 |
| B) | 3 | 5 | 1 | 2 |
| C) | 2 | 4 | 3 | 5 |
| D) | 3 | 1 | 4 | 5 |

119. Match **List I** with **List II** and identify the correct answer using the given codes

List I [Mineral ore]

List II [Mining region]

- | | | | |
|------|-----------|----|----------------|
| I. | Uranium | 1. | Kuznetsk |
| II. | Coal | 2. | Katanga |
| III. | Manganese | 3. | McArthur River |
| IV. | Copper | 4. | Coolgardie |
| | | 5. | Cape Province |

- | | I | II | III | IV |
|----|----------|-----------|------------|-----------|
| A) | 5 | 1 | 2 | 3 |
| B) | 3 | 1 | 5 | 2 |
| C) | 2 | 4 | 3 | 5 |
| D) | 1 | 4 | 5 | 2 |

120. Match **List I** with **List II** and identify the correct answer using the given codes

List I [National Park]

List II [State]

- | | | | |
|------|----------|----|----------------|
| I. | Pench | 1. | Karnataka |
| II. | Simlipal | 2. | Uttar Pradesh |
| III. | Sariska | 3. | Rajasthan |
| IV. | Dudhwa | 4. | Madhya Pradesh |
| | | 5. | Odisha |

- | | I | II | III | IV |
|----|----------|-----------|------------|-----------|
| A) | 2 | 4 | 5 | 1 |
| B) | 5 | 3 | 1 | 4 |
| C) | 4 | 3 | 1 | 2 |
| D) | 4 | 5 | 3 | 2 |