

13. Grand Banks is located in
 A) Northeast Atlantic B) Northwest Atlantic
 C) Northeast Pacific D) Northwest Pacific
14. Identify the correct statement with regard to atmospheric pressure.
 A) Atmospheric pressure is directly proportional to temperature
 B) The Aleutian low pressure is of thermal origin
 C) The average atmospheric pressure is around 1013 millibar
 D) Subtropical regions have a continuous belt of high pressure
15. The most important states in the production of groundnut are
 A) Gujarat & Andhra Pradesh B) Gujarat & Tamilnadu
 C) Tamilnadu & Karnataka D) Andhra Pradesh & Tamilnadu
16. Intergovernmental panel on Climate Change was constituted in the year
 A) 1986 B) 1988
 C) 1991 D) 1984
17. In an ecosystem the term Homeostasis refers to
 A) Natural Balance B) Succession
 C) Energy transfer D) Trophic level
18. Which of the following regions has the highest population concentration in USA?
 A) California B) Northwest Pacific area
 C) Texas D) Northeast Atlantic area
19. Wind gap is a term associated with
 A) Aeolian landforms B) Coastal process
 C) Underground water D) River capture
20. Beaufort scale of wind speed ranges from
 A) 0 to 8 B) 0 to 10
 C) 0 to 12 D) 1 to 12
21. Which of the following local wind is nicknamed as “The Doctor”?
 A) Khamsin B) Scirocco C) Harmattan D) Loo
22. Malaprabha is a major tributary for River
 A) Krishna B) Godavari
 C) Narmada D) Thunga Bhadra
23. The Indian National Centre for Ocean Information Services is located at
 A) Mangalore B) Goa
 C) Hyderabad D) Vishakapatnam
24. Which of the following countries leads in Bauxite production?
 A) Australia B) Brazil
 C) India D) China

25. The number of satellites in the GPS system is
 A) 16 B) 19 C) 22 D) 24
26. Megalopolis was a term first used by
 A) Harris B) Berry
 C) Arousseau D) Gottman
27. The decomposers in an ecosystem are also called
 A) Saprotrophs B) Autotrophs
 C) Sere D) Biotope
28. Erdkunde was a term used by
 A) Ritter B) Kant
 C) Richthofen D) Humboldt
29. Which among the following is not a formal region?
 A) Selva B) Taiga
 C) Steppe D) Hinterland
30. Which among the following is not a greenhouse gas?
 A) Methane B) Hydrogen
 C) Nitrous oxide D) Ozone
31. The term Horse Latitudes usually indicates the latitudes between
 A) 28° and 32° N B) 15° and 18° N
 C) 45° and 49° S D) 45° and 49° N
32. As on 2009 the number of Biosphere reserves in India is
 A) 8 B) 10 C) 12 D) 15
33. Shivasamudram Hydro-electric Project is in
 A) Karnataka B) Tamil Nadu
 C) Maharastra D) Andhra Pradesh
34. Which type of settlements is common in Deserts?
 A) Dry point settlements B) Piedmont settlements
 C) Wet point settlements D) Linear settlements
35. The R.F. for Survey of India quarter inch sheet is
 A) 1: 25000 B) 1: 50000
 C) 1:63360 D) 1: 250000
36. Lines joining places of equal travel time from a given centre is called
 A) Isochrone B) Isohyet
 C) Isopleth D) Isohaline
37. The seasonal migration between mountains and plains by man and animals in the Central Asian region is called
 A) Nomadism B) Pastoralism
 C) Transhumance D) Immigration

38. Identify the wrongly matched pair of books and authors
 A) Explanation in Geography – Harvey
 B) Geography: A Modern Synthesis – Haggett
 C) Theoretical Geography – Berry
 D) Perspectives on the Nature of Geography – Hartshorne
39. Bundelkhand region is an example for
 A) Macro region B) Meso region
 C) Micro region D) Minor region
40. Manikaran in India is famous for harnessing
 A) Wind energy B) Geothermal energy
 C) Solar energy D) Tidal energy
41. During Second Five Year Plan a Steel plant was established with the collaboration of United Kingdom at
 A) Rourkela B) Durgapur
 C) Bhilai D) Bokaro
42. Mistral cold wind passes through the valley of
 A) Rhine B) Danube C) Rhone D) Seine
43. The normal date of onset of monsoon at Mumbai is
 A) 10th June B) 15th June
 C) 20th June D) 1st July
44. In the Recumbent type of fold the angle of the fold axis is
 A) Horizontal B) Vertical C) 60° D) 45°
45. Identify the wrong statement with regard to Troposphere.
 A) Most of the weather phenomena occur in Troposphere
 B) There is Normal lapse rate of temperature in this layer
 C) Ozone layer in Troposphere helps blocking of ultraviolet rays from sun
 D) Extension of Troposphere is more at the equator than at the poles
46. Which among the following is significant for coal production in India?
 A) Jaduguda B) Talcher
 C) Ankaleshwar D) Khetri
47. The biggest oil discovery in last 20 years was made at Barmer in
 A) Gujarat B) Assam
 C) Rajasthan D) Andhra Pradesh
48. The Indian Institute of Tourism and Travel Management is located at
 A) Goa B) Gwalior C) Shimla D) Jaipur
49. Baku oilfields are located near the
 A) Black Sea B) Barents Sea
 C) Yellow Sea D) Caspian Sea

50. Dairying is a major economic activity in
 A) Northwest Europe B) Northeast Europe
 C) Northwest USA D) Northeast Africa
51. On maps Hachuring is a method to represent
 A) Population density B) Relief
 C) Settlements D) Age structure
52. Similar Triangle method is best suited for the enlargement and reduction of
 A) Roads and Rivers B) Water bodies
 C) Mountains D) Settlements
53. Zuider Zee refers to the largest area of
 A) Desertification B) Land reclamation
 C) Land degradation D) Oil Pollution
54. In 2009 the growth rate of world population is estimated to be around
 A) 1.2 % B) 2.5% C) 2.1% D) 2.3%
55. The first person to attempt a division of world into natural regions on climate is
 A) Miller B) Trevertha
 C) Herbertson D) Critchfield
56. Growth Pole theory was outlined by Perroux in
 A) 1949 B) 1959 C) 1969 D) 1979
57. In the Demographic Transition Model the Early Expanding Stage has
 A) High Birth rate and High Death rate
 B) High Birth rate and Low Death rate
 C) High Birth rate and Declining Death rate
 D) Declining Birth rate and Declining Death rate
58. The amount of generation of power from solar energy by the National Solar Mission by 2020 is
 A) 5000 MW B) 20000 MW
 C) 30000 MW D) 50000 MW
59. An International Transshipment Container Terminal is being built at
 A) Vallarpadam B) Vishakapatnam
 C) Mundra D) Ratlam
60. In soil profile zone of illuviation refers to
 A) 'A' horizon B) 'B' horizon
 C) 'C' horizon D) 'D' horizon
61. Which of the following measures the amount of water vapour in g/kg of air?
 A) Moisture index B) Specific Humidity
 C) Relative humidity D) Absolute humidity

62. The critical temperature at which an unsaturated air becomes saturated is called
 A) Wet Bulb temperature B) Wet Adiabatic Lapse rate
 C) Dew point D) Condensation
63. Which among the following is not associated with karst land form?
 A) Blind Valley B) Till
 C) Uvalas D) Karren
64. When there is horizontal movement of rocks along a fault line in the ocean floor it is called
 A) Graben B) Transform fault
 C) Reverse fault D) Horst
65. Which of the following is an example for forms of condensation?
 A) Mist B) Rainfall C) Sleet D) Hail
66. In Survey of India toposheets of 1: 50000 scale, the number of map to the western side of 59 D / 10 will be
 A) 59 D / 9 B) 59 D / 11 C) 59 D / 6 D) 59 D / 14
67. In normal Atlas maps physiography is usually shown by
 A) Spot heights B) Contours
 C) Hill shading D) Isochromatic method
68. Three Mile Island disaster is associated with
 A) Water pollution B) Nuclear Reactor
 C) Air Pollution D) Natural hazard
69. Highest sex-ratio among the districts of Kerala as per 2001 Census is in
 A) Kollam B) Alappuzha
 C) Pathanamthitta D) Kottayam
70. Who among the following does not belong to the School of Subaerial Denudation?
 A) Powell B) Davis C) Penck D) Gilbert
71. Identify the correctly matched pair of ideas and authors
 A) Unity in Diversity – Blache
 B) Principle of Terrestrial Unity -- Ritter
 C) Pediplanation – W.M. Davis
 D) Areal differentiation – Hartshorne
72. Identify the wrong statement from the following:
 A) New towns and satellite belts are called Neutral regions
 B) Stamp attempted the first regional division of India based on physiography
 C) Sen Gupta and Galina divided India into Population Resource regions
 D) Metropolitan area is an example for Macro region
73. The concept of Dynamic Equilibrium was outlined by
 A) Gilbert B) Chorley C) Hack D) Wood

74. Identify the correct order in terms of increasing wavelength
 A) Visible, Ultraviolet, Infrared, Microwaves
 B) Visible, Microwaves, Ultraviolet, Infrared
 C) Ultraviolet, Infrared, Visible, Microwaves
 D) Ultraviolet, Visible, Infrared, Microwaves
75. In 2008-2009 the State which has registered the highest growth rate in Indian exports is
 A) Gujarat
 B) Maharashtra
 C) Tamil Nadu
 D) Kerala
76. The Western Dedicated Freight Corridor Project in India links
 A) Mumbai & Jaipur
 B) Mumbai & Tughlakabad
 C) Mumbai & Kochi
 D) Jaipur & Kochi
77. Identify the correctly matched pair of region – major industry.
 A) Pittsburgh – Textiles
 B) Osaka – Steel
 C) Ulsan – Chemicals
 D) Toulouse -- Aircraft
78. Which of the following countries is not important for sugarcane?
 A) Brazil
 B) India
 C) Indonesia
 D) Kenya
79. Which of the following sensor is used in IRS satellites?
 A) TM
 B) HRV
 C) LISS
 D) MSS
80. In which place IRS data collection and storage is in operation?
 A) Dehra Dun
 B) Bangalore
 C) Shadnagar
 D) Ahmedabad
81. Who among the following outlined Rank size rule?
 A) Berry
 B) Clark
 C) Dickinson
 D) Zipf
82. Sanson- Flamstead projection is also called
 A) Polyconic projection
 B) Cylindrical equal area projection
 C) Sinusoidal projection
 D) Conical projection
83. In which of the projections distortion is more in the case of polar regions?
 A) Cylindrical equal area
 B) Zenithal
 C) Conical
 D) Molleweide
84. Tribal Area Development Planning is an example for
 A) Formal region
 B) Ad hoc region
 C) Functional region
 D) Axial region
85. In which area we will be able to witness Primary Ecological Succession?
 A) New Volcanic islands
 B) Mountain peaks
 C) Dense forests
 D) Estuaries
86. The Kyoto Protocol was initially adopted in
 A) 1997
 B) 2003
 C) 2005
 D) 2007

87. Who is considered as the Father of Human Geography
 A) Brunhes B) Blache C) Bowman D) Berry
88. The concept of Determinism was not supported by
 A) Buckle B) Ratzel C) Semple D) Febvre
89. Which of the following represents an Azonal process?
 A) River B) Glacier
 C) Sea wave action D) Underground water
90. Which of the following is not a part of Temperate Cyclone?
 A) Warm Sector B) Eye
 C) Cold Front D) Warm front
91. The port which was built under Public Private Partnership in the east coast is at
 A) Kakinada B) Krishnapatnam
 C) Machilipatnam D) Nagapatnam
92. In 2008-2009, the most important item of export from India was
 A) Gems & Jewellery B) Textiles and Readymade garments
 C) Handicrafts D) Leather products
93. According to the Theory of Parallel Retreat of Slopes the steepest part of the slope is known as
 A) Wash slope B) Scarp
 C) Debris slope D) Basal slope
94. Which of the following cities has a Regional Remote Sensing Service Centre?
 A) Jodhpur B) Jaipur C) Hyderabad D) Kolkata
95. SPOT is a remote sensing satellite launched by
 A) France B) USA C) Japan D) Russia
96. The Primate pattern of cities was explained by
 A) Mumford B) Jefferson C) Taylor D) Nelson
97. Which of the following statements is correct?
 A) Auroousseau outlined the urban land use model first
 B) Tanner indicated Density crater in his model of urban population density
 C) In Christaller's central place theory $K = 4$ under marketing principle
 D) Dickinson outlined City and City region concept in detail
98. Which among the following projections is most suitable for navigation?
 A) Polyconic B) Lambert
 C) Bonne's D) Mercator
99. Spate outlined the principles of the concept of
 A) Probabilism B) Positivism
 C) Pragmatism D) Behavioralism

111. Identify the correct statement from the following:
- A) Zonal concept was first applied to Geomorphology
 - B) The term areal differentiation was coined by Carl Sauer
 - C) Stop and Go Determinism was outlined by Griffith Taylor
 - D) Diffusion idea and models were first developed by Chorley

112. Shevky and Bell applied Social Area Analysis first to
- A) San Francisco region
 - B) Boston region
 - C) Chicago region
 - D) Greater London

113. Match the following:

<u>Terms/ Concept</u>	<u>Authors</u>
a. Haldenhang	1. Wegener
b. Tethys	2. Peltier
c. Pediplanation	3. Penck
d. Morphogenetic region	4. L. C. King
A) a-3, b-1, c-4, d-2	B) a-2, b-3, c-4, d-1
C) a-4, b-1, c-2, d-3	D) a-4, b-2, c-1, d-3

114. Match the following:

<u>Terms</u>	<u>Phenomenon</u>
a. Vernal Equinox	1. Precipitation
b. Foehn	2. September 22
c. Hygroscopic nuclei	3. Warm local wind
d. Warm sector	4. Temperate cyclone
A) a-3, b-1, c-4, d-2	B) a-2, b-3, c-1, d-4
C) a-4, b-1, c-2, d-3	D) a-4, b-2, c-1, d-3

115. Match the following:

<u>Railway zones</u>	<u>Headquarters</u>
a. East Central Railway	1. Bilaspur
b. Southeast Central Railway	2. Jabalpur
c. Southwestern Railway	3. Hajipur
d. West Central Railway	4. Hubli
A) a-3, b-1, c-4, d-2	B) a-2, b-3, c-1, d-4
C) a-3, b-4, c-2, d-1	D) a-4, b-2, c-1, d-3

USE THE FOLLOWING OPTIONS AS ANSWER KEY FOR ALL THE QUESTIONS OF ASSERTION/REASON TYPE.

- A) *Both [A] and [R] are true and [R] is the correct reason*
B) *Both [A] and [R] are true but [R] is Not the correct reason*
C) *[A] is true but [R] is false.*
D) *[A] is false but [R] is true.*
116. **Assertion [A] :** In Indian Census Class I cities are grouped from M1 to M7
Reasoning [R] : Indian Census takes only size of population for defining an urban area
117. **Assertion [A] :** Secondary Population Density rim is observed in Western cities
Reasoning [R] : The development of suburbs is predominant in Western cities
118. **Assertion [A] :** In a seismograph S waves are recorded first
Reasoning [R] : S waves travel only through solid matter
119. **Assertion [A] :** Thermal inversion is more common in intermontane basins during winter nights
Reasoning [R] : Cold air descends from the top along the slope and collects in the basin
120. **Assertion [A] :** Temperate cyclone has warm and cold fronts at its maturity
Reasoning [R] : Occlusion refers to the dissipation of temperate cyclone

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