

## Chapter 06 :: PHYSICAL & WORLD GEOGRAPHY

1. 'Betz limit' is linked with \_\_\_\_\_ energy.
  - (a) Solar
  - (b) Biomass
  - (c) Geothermal
  - (d) Wind
2. Baku is the capital of
  - (a) Azerbaijan
  - (b) Maldives
  - (c) Singapore
  - (d) Afghanistan
3. Example of an organochlorine pesticide is \_\_\_\_\_
  - (a) Malathion
  - (b) Carbaryl
  - (c) DDT
  - (d) Trichlorphon
4. London is situated on the banks of river
  - (a) Tiber
  - (b) Danube
  - (c) Tigris
  - (d) Thames
5. Name of the shifting cultivation in North-East India is
  - (a) Chena
  - (b) Tamrai
  - (c) Milpa
  - (d) Jhuming
6. The capital of Brazil is
  - (a) Brasilia
  - (b) Sao Paulo
  - (c) Rio de Jenero
  - (d) Salvador
7. The largest proven oil reserve of the world lies in
  - (a) Saudi Arabia
  - (b) Iraq
  - (c) Iran
  - (d) Venezuela
8. The term used to indicate the stage of world urbanization
  - (a) Megalopolis

- (b) Metropolis
  - (c) Ecumopolis
  - (d) Tyrannopolis
9. Which country is the largest producer of raw Jute?
- (a) Bangladesh
  - (b) Pakistan
  - (c) Myanmar
  - (d) India
10. Which of the following countries does not fall under the far east group of countries?
- (a) China
  - (b) Taiwan
  - (c) South Korea
  - (d) Myanmar
11. Which of the following temperate grasslands are found in Eurasia?
- (a) Downs
  - (b) Velds
  - (c) Steppes
  - (d) Prairies
12. Which one of the following is the most urbanized country of South Asia?
- (a) India
  - (b) Bhutan
  - (c) Sri Lanka
  - (d) Pakistan
13. Which of the following saw is used for cutting the wood along the grains?
- (a) Rip saw
  - (b) Tenon saw
  - (c) Dovetail saw
  - (d) Compass saw
14. What is Viticulture?
- (a) Protection of forests
  - (b) Production of grapes
  - (c) Type of primitive agriculture
  - (d) Production of sugarcane
15. The weedicide commonly used for paddy is
- (a) DDT
  - (b) Dalapon
  - (c) 2, 4-D
  - (d) Ammonium Sulfamate

16. The coping provided at the foot of the gable wall is known as a \_\_\_\_.
- (a) Kneeler
  - (b) Springer
  - (c) Stooling
  - (d) Label
17. The ratio of Gross Cropped Area to the Net Sown Area is called
- (a) Cropping intensity
  - (b) Intensity of crop rotation
  - (c) Crop productivity
  - (d) Cropping diversity
18. Taungup Pass is a mountain corridor connecting India with
- (a) Afghanistan
  - (b) China
  - (c) Pakistan
  - (d) Myanmar
19. In which of the following directions, the strength of timber is maximum?
- (a) Parallel to grains
  - (b) 45° to grains
  - (c) Perpendicular to grain
  - (d) Same in all direction
20. Addition of nutrients for enhancing bio-remediation is called
- (a) Bio-augmentation
  - (b) Bio-stimulation
  - (c) Bio-reaction
  - (d) Bio-leaching
21. 'Tektites' are
- (a) Solidified droplets of molten rock
  - (b) Sediments
  - (c) Meteorites
  - (d) Satellites
22. A line which connects points of equal wind speed:
- (a) Isobar
  - (b) Isotach
  - (c) Isohaline
  - (d) Isopycnal
23. Among the ecological pyramids, which pyramid always show upright irrespective of the grassland or pond ecosystem
- (a) Pyramid of energy

- (b) Pyramid of number
  - (c) Pyramid of biomass
  - (d) Pyramid of succession
24. Black colour of the black soils is due to the high content of
- (a) Sodium
  - (b) Potassium
  - (c) Copper
  - (d) Humus
25. Condensation is a process which occurs when
- (a) Temperature falls below 0°C
  - (b) Absolute humidity becomes equal to relative humidity
  - (c) Temperature in the air parcel remains static.
  - (d) Relative humidity becomes 100 per cent and more.
26. El Nino is
- (a) A freshwater lake
  - (b) An ocean current
  - (c) An air current
  - (d) A glacier
27. Fohn and chinook winds are experienced in
- (a) The valleys of the northern Alps in Switzerland and on the eastern slopes on the Rockies in North America.
  - (b) The eastern slopes of southern Alps in Switzerland and on the western slopes on Andes and South America.
  - (c) Po valley of France and in Newfoundland.
  - (d) Netherlands and New Zealand.
28. Folding is the result of
- (a) Epeirogenic force
  - (b) Coriolis force
  - (c) Orogenetic force
  - (d) Exogenetic force
29. Formation of a climax community from an abandoned farm land is an example of \_\_\_\_\_.
- (a) Primary succession
  - (b) Secondary succession
  - (c) Autogenic succession
  - (d) Allogenic succession
30. In Koppen's classification of world climate, Aw climates refer to
- (a) Humid tropical wet monsoon climate with a short dry season.
  - (b) Tropical wet and dry climate with dry season in winter.

- (c) Tropical desert climate.  
(d) Humid meso-thermal climates.
31. In the case of saturated air, the column of air tends to be in stable equilibrium when the prevailing lapse rate
- (a) Is equal to the wet-adiabatic lapse rate
  - (b) Is more than the wet-adiabatic lapse rate
  - (c) Is less than the wet-adiabatic lapse rate
  - (d) Does not vary with the wet-adiabatic lapse rate
32. In the Northern Hemisphere, tropical cyclones and middle latitude cyclones are similar in that both
- (a) Originate over warm ocean
  - (b) Intensify with increasing height above the ground
  - (c) Generally move from east to west
  - (d) Have winds that blow anticlockwise around their centres
33. Large areas in India are subjected to considerable rainfall variability. Rainfall variability is likely to be the greatest in the areas of
- (a) Very high rainfall
  - (b) High rainfall
  - (c) Medium rainfall
  - (d) Very low rainfall
34. Maximum Coastal erosion caused by
- (a) Waves
  - (b) Tides
  - (c) Currents
  - (d) Tsunami waves
35. Metamorphic rocks originate from
- (a) Igneous rocks
  - (b) Sedimentary rocks
  - (c) Both igneous and sedimentary rocks
  - (d) None of the above
36. Panama Canal links
- (a) Atlantic Ocean and Pacific Ocean
  - (b) Atlantic Ocean and Red Sea
  - (c) Atlantic Ocean and Mediterranean Sea
  - (d) Red Sea and Pacific Ocean
37. 'Sal' tree is a
- (a) Tropical evergreen tree
  - (b) Tropical semi-evergreen
  - (c) Dry deciduous tree

- (d) Moist deciduous tree
38. Sublimation describes the direct transition from
- (a) Solid to vapour
  - (b) Vapour to solid
  - (c) Liquid to vapour
  - (d) Vapour to liquid
39. Temperate cyclones are characterized by
- (a) Fronts
  - (b) Diverging winds
  - (c) Dry winds
  - (d) Hot winds
40. The albedo of which one among the following is the highest?
- (a) Cirrus cloud
  - (b) Cumulonimbus cloud
  - (c) Melting snow
  - (d) Sand
41. The Humboldt Current is the ocean current of
- (a) Indian Ocean
  - (b) Atlantic Ocean
  - (c) Arctic Ocean
  - (d) Pacific Ocean
42. The lakes which are poor in nutrients and productivity are \_\_\_\_\_ lakes.
- (a) Mesotrophic
  - (b) Very small
  - (c) Eutrophic
  - (d) Oligotrophic
43. The Mediterranean regions are characterized by heavy rain in
- (a) Autumn
  - (b) Spring
  - (c) Winter
  - (d) Summer
44. The place or set of environmental condition in which a particular organism lives is called:
- (a) Mutation
  - (b) Habitat
  - (c) Epiphyte
  - (d) Locality

45. The region with grasslands, extensive rolling plains, dull uniformity and monotony of scene, no trees extreme cold and dryness in winter, can be described as having
- (a) Steppe type of climate
  - (b) Tundra type of climate
  - (c) China type of climate
  - (d) warm temperate eastern margin type of climate
46. The tropical cyclones do not occur close to the Equator because of
- (a) Weak Coriolis force
  - (b) Light and variable winds
  - (c) Excessive humidity
  - (d) Convective activity
47. Three Gorges is a
- (a) Nuclear reactor
  - (b) Dam
  - (c) Biosphere reserve
  - (d) A lake in USA
48. Tsunami – literally means
- (a) Giant waves
  - (b) Water wall
  - (c) Harbour waves
  - (d) Destructive waves
49. Tuareg is a pastoral nomad living in the desert of
- (a) Kalahari
  - (b) Sahara
  - (c) Arabia
  - (d) Patagonia
50. What percentage of world's freshwater is stored as glacial ice?
- (a) 50%
  - (b) 10%
  - (c) 70%
  - (d) 30%
51. Which among the following is a warm current?
- (a) Labrador
  - (b) Oyashio
  - (c) California
  - (d) Agulhas
52. Which one among the following is a primary rock?
- (a) Sedimentary

- (b) Igneous
  - (c) Metamorphic
  - (d) None of these
53. Which one of the following is a third order relief?
- (a) Abyssal plains
  - (b) Cliffs
  - (c) Plateau
  - (d) Trench
54. Which one of the following is not an old folded mountain?
- (a) Ural mountain
  - (b) Aravalli mountain
  - (c) Andes mountain
  - (d) Appalachian mountain
55. Which one of the following Oceanic currents is not associated with the Pacific Ocean?
- (a) Canaries
  - (b) Kuroshio
  - (c) California
  - (d) Humboldt
56. Which one of the following processes of weathering belongs to both mechanical and chemical weathering?
- (a) Crystallization
  - (b) Exfoliation
  - (c) Hydration
  - (d) Carbonation
57. Which one of the following regions receives the rainfall throughout the year due to westerly winds?
- (a) South-west Australia
  - (b) Iran and Iraq
  - (c) South Africa
  - (d) South Chile
58. Which one of the following weather conditions is indicated by a sudden fall in barometer reading?
- (a) Stormy
  - (b) Calm weather
  - (c) Cold and dry weather
  - (d) Hot and sunny weather
59. Why do Fold Mountains have enormous thickness of sedimentary rocks?
- (a) Due to deposition of sediments in a valley for millions of years



- (b) Due to accumulation of sediments in a geosynclines
  - (c) The plains were folded into mountains
  - (d) The sediments were folded into recumbent and nappe
60. \_\_\_\_\_ is the fastest planet to revolve around the Sun.
- (a) Mercury
  - (b) Jupiter
  - (c) Venus
  - (d) Mars
61. After a shower of rain, a rainbow is seen:
- (a) Towards the sun
  - (b) Opposite the sun
  - (c) Even in the absence of the sun
  - (d) Anywhere, irrespective of the position of the sun
62. Process of superimposing two or more images or photographs so that equivalent geographic point coincide is called
- (a) Referencing
  - (b) Redundancy
  - (c) Registration
  - (d) Refraction
63. Data that provide information about spatial data
- (a) Meta data
  - (b) Vector data
  - (c) Raster data
  - (d) Digital data
64. Both the Tropic of Cancer and the Tropic of Capricorn pass through
- (a) Africa
  - (b) South America
  - (c) Australia
  - (d) Asia
65. Data that describe the characteristic of spatial features
- (a) Non-spatial data
  - (b) Colour data
  - (c) Discrete data
  - (d) Attribute data
66. Epicenter is concerned with
- (a) Earthquake
  - (b) Volcano
  - (c) Cyclone
  - (d) Land-sliding

67. Global warming will not result in
- (a) Melting of the ice caps
  - (b) Increasing sea levels
  - (c) Increasing the size of the hole in the ozone layer
  - (d) Unpredictable climate patterns
68. In which direction does the Earth rotate around its axis?
- (a) East to west
  - (b) West to east
  - (c) North to south
  - (d) South to east
69. Light year measures which of the following?
- (a) Intensity of light
  - (b) Mass
  - (c) Time
  - (d) Distance
70. Meteorites are the heavenly bodies
- (a) Between the Mars and the Jupiter
  - (b) Between the Saturn and the Neptune
  - (c) Between the Mars and the Venus
  - (d) That burn brightly on entering the Earth atmosphere
71. Most important source of CO in atmosphere is transportation and is about \_\_\_\_\_ % of the total CO in atmosphere.
- (a) 60
  - (b) 65
  - (c) 70
  - (d) 75
72. The brightest planet is
- (a) Venus
  - (b) Mercury
  - (c) Jupiter
  - (d) Mars
73. Photochemical smog is a \_\_\_\_\_
- (a) Oxidizing smog
  - (b) Reducing smog
  - (c) Neutral smog
  - (d) None of above
74. Radioactive decay provides an internal source of heat for the Earth. This helps in the formation of which type of rocks?

- (a) Igneous
  - (b) Sedimentary
  - (c) Metamorphic
  - (d) All of the above
75. The distance between 90°E longitude and 91°E longitude at the poles is:
- (a) Zero km
  - (b) 5 km
  - (c) 50 km
  - (d) Same as it is at the equator
76. The father of Exceptionalism in geography:
- (a) Strabo
  - (b) Huntington
  - (c) Immanuel Kant
  - (d) Hutton
77. The lines joining places of equal values of horizontal component of Earth's magnetic field are called
- (a) Isogonic lines
  - (b) Isodynamic lines
  - (c) Aclinic lines
  - (d) Isoclinic lines
78. The person who first attempted to calculate the circumference of the Earth
- (a) Eratosthenes
  - (b) Strabo
  - (c) Herodotus
  - (d) Aristotle
79. The word 'Environment' is derived from
- (a) Greek
  - (b) French
  - (c) Spanish
  - (d) English
80. Volcanic eruptions do not occur in the
- (a) Baltic Sea
  - (b) Black Sea
  - (c) Caribbean Sea
  - (d) Caspian Sea
81. What are geosynclines?
- (a) Arched unfolds in the strata of the Earth's crust.
  - (b) Major structural down folds in the Earth's crust.
  - (c) Large-scale rises in the Earth's crust.

- (d) Sliding of plate margins inside the Earth's crust.
82. What is the International Date Line?  
(a) It is the equator  
(b) It is the 0° longitude  
(c) It is the 90° east longitude  
(d) It is the 180° longitude
83. Which is the large scale map?  
(a) Wall map  
(b) Atlas map  
(c) Thematic map  
(d) Cadastral map
84. Which of the following does not belong to physical environment?  
(a) Hemisphere  
(b) Atmosphere  
(c) Lithosphere  
(d) Hydrosphere
85. Which of the following pairs regarding Earth's crustal composition is incorrect?  
(a) Oxygen-46.6%  
(b) Silicon-27.7%  
(c) Aluminium-8.0%  
(d) Iron-4%
86. Which one of the following is not a natural unit of time?  
(a) Tropical year  
(b) Lunar month  
(c) Standard time  
(d) Day
87. Which one of the following plate movements is responsible for the formation of mid-ocean ridge?  
(a) Divergent movement  
(b) Convergent movement  
(c) Transform fault movement  
(d) Parallel movement
88. Which planet in our solar system is nearly as big as the Earth?  
(a) Mercury  
(b) Mars  
(c) Venus  
(d) Pluto
89. Which scale is used to measure the intensity of earthquake?

- (a) Richter  
(b) Metric  
(c) Centigrade  
(d) Newton
90. Who invented the instrument 'Astrolabe' for the determination of latitudes and longitudes?  
(a) Ptolemy  
(b) Eratosthenes  
(c) Homer  
(d) Hipparchus
91. \_\_\_\_\_ is the zone of ocean where producers of food chain are rarely found.  
(a) Littoral  
(b) Limnetic  
(c) Aphotic of deep sea  
(d) Inter tidal
92. A biome is:  
(a) A delimited area  
(b) A complex of communities characterised by distinctive climate & vegetation  
(c) A group of plants growing in a particular area  
(d) A collection of rare plants and animals
93. A sand or gravel bar that connect an island with another island or the mainland :  
(a) Haffs  
(b) Spits  
(c) Hook  
(d) Tombolo
94. Abyssal zones are located in  
(a) Ponds  
(b) Rivers  
(c) Lakes  
(d) Oceans
95. How much of the Earth's land surface is desert?  
(a) 1/10th  
(b) 1/5th  
(c) 1/3rd  
(d) 1/6th
96. Metamorphic rocks originate from  
(a) Igneous rocks

- (b) Sedimentary rocks
  - (c) Both igneous and sedimentary rocks
  - (d) None of the above
97. Spring tides occur on
- (a) The day when the moon's position is in its first quarter
  - (b) Full moon day as well as on new moon day
  - (c) Full moon day only
  - (d) New moon day only
98. The North-Eastern winter monsoon winds cause rainfall along
- (a) Konkan coast
  - (b) Kannad coast
  - (c) Malabar coast
  - (d) Coromandel coast
99. The percentage of oxygen in the atmosphere
- (a) 30%
  - (b) 25%
  - (c) 24%
  - (d) 21%
100. The marine influence upon climate results into
- (a) Increase in annual rainfall
  - (b) Increase in aridity
  - (c) Increase in annual temperature range
  - (d) Decrease in annual temperature range

**ANSWERS:**

- |     |     |     |     |     |     |      |     |
|-----|-----|-----|-----|-----|-----|------|-----|
| 1.  | (d) | 26. | (b) | 51. | (a) | 76.  | (c) |
| 2.  | (a) | 27. | (a) | 52. | (b) | 77.  | (b) |
| 3.  | (c) | 28. | (c) | 53. | (b) | 78.  | (a) |
| 4.  | (d) | 29. | (b) | 54. | (c) | 79.  | (b) |
| 5.  | (d) | 30. | (b) | 55. | (a) | 80.  | (c) |
| 6.  | (b) | 31. | (c) | 56. | (a) | 81.  | (b) |
| 7.  | (d) | 32. | (d) | 57. | (d) | 82.  | (d) |
| 8.  | (c) | 33. | (a) | 58. | (a) | 83.  | (d) |
| 9.  | (a) | 34. | (a) | 59. | (c) | 84.  | (a) |
| 10. | (b) | 35. | (c) | 60. | (a) | 85.  | (d) |
| 11. | (c) | 36. | (c) | 61. | (b) | 86.  | (c) |
| 12. | (b) | 37. | (c) | 62. | (c) | 87.  | (a) |
| 13. | (a) | 38. | (b) | 63. | (a) | 88.  | (c) |
| 14. | (a) | 39. | (a) | 64. | (a) | 89.  | (a) |
| 15. | (c) | 40. | (c) | 65. | (d) | 90.  | (d) |
| 16. | (b) | 41. | (d) | 66. | (a) | 91.  | (c) |
| 17. | (a) | 42. | (d) | 67. | (c) | 92.  | (b) |
| 18. | (a) | 43. | (c) | 68. | (b) | 93.  | (d) |
| 19. | (a) | 44. | (b) | 69. | (d) | 94.  | (d) |
| 20. | (b) | 45. | (a) | 70. | (d) | 95.  | (c) |
| 21. | (a) | 46. | (a) | 71. | (b) | 96.  | (c) |
| 22. | (b) | 47. | (b) | 72. | (a) | 97.  | (b) |
| 23. | (a) | 48. | (c) | 73. | (a) | 98.  | (d) |
| 24. | (d) | 49. | (b) | 74. | (a) | 99.  | (d) |
| 25. | (d) | 50. | (c) | 75. | (a) | 100. | (a) |