

JMI M.A. Geography Entrance

Previous Paper 2017 (Set C)

For More information:

 YouTube Channel - Akshay Teaches

Instagram - the_Prabhakar

Facebook - theprabhakar

 Email - AkshayTeachesYT@gmail.com

1. The average density of outer crust is
 - (A) 3.3 g/cm^3
 - (B) 5.5 g/cm^3
 - (C) 2.8 g/cm^3
 - (D) 3.0 g/cm^3
2. 'Yardangs' are the erosional features of
 - (A) River
 - (B) Glacier
 - (C) Wind
 - (D) Underground water
3. The highest salinity is found in
 - (A) Dead Sea
 - (B) Great Salt Lake
 - (C) Red Sea
 - (D) Lake Van
4. The concept of sea floor spreading was propounded by
 - (A) Cox
 - (B) Doell
 - (C) Harry Hess
 - (D) Vine and Matheus
5. Which one of the following clouds causes drizzle?
 - (A) Cumulonimbus
 - (B) Cirrus
 - (C) Nimbostratus
 - (D) Stratus
6. Diffused day light is
 - (A) Energy absorbed by the atmosphere
 - (B) Energy received by the earth surface
 - (C) Energy reflected from the atmosphere
 - (D) Energy radiated from the earth surface
7. The inclination of rock beds with respect to horizontal plane is called
 - (A) Strike
 - (B) Limb
 - (C) Dip
 - (D) Steep anticline
8. Which one of the following countries is least populated?
 - (A) Pakistan
 - (B) Mexico
 - (C) Brazil
 - (D) Nigeria

9. Which one of the following cities has the highest concentration of urban population?
- (A) New York
 - (B) Beijing
 - (C) Delhi
 - (D) Shanghai
10. Which one of the following countries is the largest producer of hydroelectricity?
- (A) India
 - (B) Sweden
 - (C) Norway
 - (D) Japan
11. Who among the following propounded that, “the process of dispersion is the inverse of that of absorption, and exhibits similar features”?
- (A) Lee
 - (B) Ravenstein
 - (C) Malthus
 - (D) William Farr
12. Which one of the following countries has the lowest density of population?
- (A) China
 - (B) Indonesia
 - (C) Pakistan
 - (D) India
13. Which one of the following statements is **NOT** correct about the deciduous forests?
- (A) These forests are found in the middle latitudes
 - (B) The trees shed their leaves once every year
 - (C) These forests have warm and cool seasons
 - (D) The wood of the trees is soft
14. Which one of the following resources is the cheapest source of energy?
- (A) Hydroelectricity
 - (B) Natural gas
 - (C) Coal
 - (D) Petroleum
15. The settlement pattern which develops around the commercial centre is
- (A) Circular
 - (B) Rectangular
 - (C) Linear
 - (D) Radial

16. Which one of the following countries is the world's largest producer of sugarcane?
(A) India
(B) Thailand
(C) China
(D) Brazil
17. Which one of the following resources is the biotic and non-renewable?
(A) Coal
(B) Forest
(C) Crop
(D) Fish
18. Which one of the following states of India has the lowest percentage of urban population as per 2011 Census?
(A) Uttar Pradesh
(B) Odisha
(C) Bihar
(D) Assam
19. The highest peak of the world, Mt Everest, is situated in
(A) The Greater Himalayas
(B) The Lesser Himalayas
(C) The Outer Himalayas
(D) The Trans Himalayas
20. Teesta is a tributary of
(A) Brahmaputra
(B) Ganga
(C) Mahanadi
(D) Godavari
21. Specialized cultivation of vegetables and fruits is the characteristic feature of
(A) Mixed farming
(B) Truck farming
(C) Cooperative farming
(D) Collective farming
22. The aggregate diminution of the productive potential of the land, including its major uses, is called
(A) Land use
(B) Land degradation
(C) Land productivity
(D) Land evaluation

23. Which one of the following states of India has the largest area under sugarcane cultivation?
- (A) Maharashtra
 - (B) Uttar Pradesh
 - (C) Tamil Nadu
 - (D) Karnataka
24. Which one of the following methods is suitable for preparing isotherm, isobar and isohyets maps?
- (A) Isopleth
 - (B) Choropleth
 - (C) Dot
 - (D) Diagram
25. Food insecurity atlas of rural India was published by
- (A) Food and Agriculture Organization
 - (B) World Health Organization
 - (C) Swaminathan Research Foundation
 - (D) None of the above
26. Slopes can best be represented diagrammatically by
- (A) Profile
 - (B) Contours
 - (C) Gradient
 - (D) Hachures - ?
27. Rayleigh scattering dominates when
- (A) Particles are smaller than the wavelength of light
 - (B) Particles are similar in size to the wavelength of light
 - (C) Particles are larger than the wavelength of light
 - (D) Particles are not present in the atmosphere
28. Who among the following was **NOT** the follower of environmental determinism?
- (A) Ellsworth Huntington
 - (B) Griffith Taylor
 - (C) Emmanuel de Martonno
 - (D) Ellen Churchill Semple
29. Inequality in the distribution of income can be studied by
- (A) Location quotient
 - (B) Lorenz curve
 - (C) Relative dispersion
 - (D) None of the above
30. The most favourable circulation for the creation of fronts is
- (A) Convergent circulation
 - (B) Divergent circulation
 - (C) Deformatory circulation
 - (D) Rotatory circulation

31. The tributary streams flowing in the direction of the master consequent are called
(A) Resequent streams
(B) Obsequent streams
(C) Subsequent streams
(D) Consequent streams
32. Koppen presented his classification of climate of the world in its complete form in
(A) 1918
(B) 1936
(C) 1931
(D) 1942
33. The most commonly used measure of relative dispersion is
(A) Standard deviation
(B) Mean deviation
(C) Quartile deviation
(D) Coefficient of variation
34. Which one of the following is **NOT** the component of sustainable development?
(A) Food security
(B) Social equity
(C) Economic efficiency
(D) Ecological footprint
35. Exfoliation occurs due to
(A) Hydration process
(B) Carbonation process
(C) Alternate expansion and contraction of outer rock
(D) Oxidation process
36. Lichens are the only plants which can survive in
(A) Highland climate
(B) Polar climate
(C) Dry climate
(D) Continental climate
37. The concept of growth pole developed by Perroux was originally ?
(A) Economic
(B) Spatial
(C) Social
(D) Polarized
38. Which one of the following continents is most affected by the desertification?
(A) Europe
(B) Africa
(C) Australia
(D) South America

39. Core-Periphery model of New Economic Geography theory was propounded by
(A) Forslid
(B) Ottaviano
(C) Martin and Rogers
(D) Krugman
40. Which one of the following types of coal is smokeless?
(A) Bituminous
(B) Anthracite
(C) Lignite
(D) Peat
41. Which one of the aerial photographs is used for image interpretation?
(A) Vertical aerial photograph
(B) Terrestrial photograph
(C) Low oblique photograph
(D) High oblique photograph
42. Which one of the following diagrams is used for measuring variations around the central value?
(A) Bar diagram
(B) Dispersion diagram
(C) Pie diagram
(D) Star diagram
43. Which one of the following projections is known as correct shape projection?
(A) Orthomorphic projection
(B) Mollweide's projection
(C) Cylindrical equal area
(D) Sinusoidal projection
44. A black body has the maximum emissivity of
(A) 2
(B) 1
(C) 3
(D) 4
45. Which one of the following states of India has the highest yield of rice?
(A) Punjab
(B) Tamil Nadu
(C) West Bengal
(D) Uttar Pradesh
46. Which one of the following industries of India is the largest?
(A) Iron and steel industry
(B) Cotton textile industry
(C) Sugar industry
(D) Jute textile industry

47. Which one of the following states of India recorded the highest density of population as per 2011 Census?
- (A) West Bengal
 - (B) Bihar
 - (C) Kerala
 - (D) Uttar Pradesh
48. Which one of the following mechanisms is responsible for the occurrence of rainfall in India?
- (A) Thermal convection
 - (B) Cyclonic
 - (C) Orographic
 - (D) None of the above
49. Nathula pass is located in
- (A) Himadri
 - (B) Himachal
 - (C) Siwalik
 - (D) Trans Himalayas
50. Who among the following postulated that the earth was formed due to aggregation of all the matter of the ring separated from nebula?
- (A) Laplace
 - (B) Hoyle
 - (C) Schmidt
 - (D) Kant
51. 'Lapies' is an erosional landform of
- (A) River
 - (B) Glacier
 - (C) Wind
 - (D) Underground water
52. When the sun, the earth and the moon are in the position of right angle, this position is called
- (A) Syzygy
 - (B) Opposition
 - (C) Conjunction
 - (D) Quadrature
53. Which one of the following pressure belts is called 'horse latitude'?
- (A) Sub tropical high pressure belt
 - (B) Sub polar low pressure belt
 - (C) Polar high pressure belt
 - (D) Equatorial low pressure belt

54. The Vosges in France are the typical example of

- (A) Block Mountains
- (B) Volcanic Mountains
- (C) Fold Mountains
- (D) Residual Mountains

55. Migratory wave like cyclones associated with easterly trade winds are called

- (A) Tropical depressions
- (B) Tropical disturbances
- (C) Tropical storms
- (D) Hurricanes

56. The drainage pattern formed by the network of tributaries and master consequent streams is

- (A) Dendritic
- (B) Trellised
- (C) Rectangular
- (D) Radial

57. 'Theory of Intervening Opportunities' was proposed by

- (A) Zipf
- (B) Thompson
- (C) Notestein
- (D) Stouffer

58. Who among the following geomorphologists propounded that "Landscape is a function of structure, process and time"?

- (A) Penk
- (B) Davis
- (C) Gilbert
- (D) Strahler

59. Match the following:

- | | |
|--------------|-------------------|
| (a) Veldts | I. South America |
| (b) Steppes | II. South Africa |
| (c) Pampas | III. Europe |
| (d) Prairies | IV. North America |

- | | a | b | c | d |
|-----|-----|-----|-----|-----|
| (A) | III | I | IV | II |
| (B) | IV | II | I | III |
| (C) | I | II | III | IV |
| (D) | II | III | I | IV |

60. Match the following

- | | |
|-------------|----------------------|
| (a) Bushman | I. Norway |
| (b) Pygmies | II. Central Asia |
| (c) Kirghiz | III. Kalahari Desert |
| (d) Lapps | IV. Congo Basin |

	a	b	c	d
(A)	III	I	IV	II
(B)	IV	II	I	III
(C)	I	II	III	IV
(D)	III	IV	II	I

61. Which one of the following countries is the largest producer of iron ore?

- (A) India
- (B) Australia
- (C) China
- (D) Brazil

62. The aerial photographs on which horizon does not appear, are known as

- (A) Trimetrogon photographs
- (B) Convergent photographs
- (C) Low oblique photographs
- (D) High oblique photographs

63. Imaginary line drawn on a map joining the places with equal amount of rainfall over a given period of time, is called

- (A) Isotherm
- (B) Isobar
- (C) Isohyet
- (D) Isohaline

64. Which one of the following twelve sided figures shows the average monthly temperature and rainfall conditions at a particular station?

- (A) Climograph ✓
- (B) Hythergraph ✗
- (C) Ergograph ✗
- (D) Band graph ✗

65. The region of electromagnetic spectrum used for micro wave remote sensing is

- (A) 0.7 to 100 μm
- (B) $> 1 \text{ m}$
- (C) 0.4 to 0.7 μm
- (D) 1 mm- 1m

66. The imperceptibly slow, steady, downward movement of slope-forming soil or rock is called

- (A) Earthflow
- (B) Debris flow
- (C) Rockfall
- (D) Creep

67. Who among the following emphasized that regional development is irregular and concentrated in the so called geographic centres?
- (A) Myrdal
 - (B) Szul
 - (C) Feser
 - (D) Hirschman
68. Which one of the following states of India is the largest producer of cotton?
- (A) Telangana
 - (B) Maharashtra
 - (C) Karnataka
 - (D) Andhra Pradesh
69. Which one of the following states of India has the largest reserves of manganese?
- (A) Maharashtra
 - (B) Madhya Pradesh
 - (C) Odisha
 - (D) Andhra Pradesh
70. Which one of the following ranks India enjoys in hydro-electric power production?
- (A) Third
 - (B) Fourth
 - (C) Fifth
 - (D) Seventh
71. Soils which are formed due to intense leaching are called
- (A) Black soil
 - (B) Mountain soil
 - (C) Laterite soil
 - (D) Red soil
72. Which one of the following rivers flow eastwards?
- (A) Mahanadi
 - (B) Mahi
 - (C) Tapti
 - (D) Narmada
73. Which one of the following waves can not pass through liquid?
- (A) Surface waves
 - (B) Secondary waves
 - (C) Primary waves
 - (D) Rayleigh waves

74. Which one of the following currents is cold current of Atlantic Ocean?
(A) Canary current
(B) Gulf Stream current
(C) Brazil current
(D) Counter equatorial current
75. Down folded rock beds due to compressive forces caused by horizontal tangential forces are called
(A) Anticlinorium
(B) Synclinorium
(C) Anticline
(D) Syncline
76. Absolute humidity changes with
(A) Increase in temperature
(B) Decrease in temperature
(C) Definite temperature
(D) Contraction or expansion of air
77. Which one of the following gases absorbs terrestrial radiation and reradiates it back to the earth surface?
(A) Ozone
(B) Nitrogen
(C) Carbon dioxide
(D) Methane
78. The amount of water vapour present in the atmosphere varies between
(A) 5-10%
(B) 1-5%
(C) 6-11%
(D) 12-16%
79. The Ganga delta is the example of
(A) Bird's foot delta
(B) Cuspate delta
(C) Estuarine delta
(D) Arcuate delta
80. Which one of the following countries has the largest oil reserves?
(A) Canada
(B) Iran
(C) Iraq
(D) Kuwait

81. Which of the following countries of the world is the largest producer of tea?
(A) Indonesia
(B) Japan
(C) Turkey
(D) Vietnam
82. Which one of the following survey instruments is used for measuring horizontal and vertical angles?
(A) Sextant
(B) Prismatic Compass
(C) Dumpy Level
(D) Theodolite
83. A tongue of land, projecting from higher ground into the lower, is called
(A) Ridge
(B) Cliffs
(C) Spur
(D) Cirque
84. Decrease of temperature in the ascending warm and moist air at the rate of 10^0 C per km, is called
(A) Moist adiabatic rate
(B) Normal lapse rate
(C) Dry adiabatic rate
(D) Inversion of temperature
85. Which one of the following stages in Rostow's model is associated with a short period of intensive growth?
(A) Traditional society
(B) Preconditions to take-off
(C) Take-off
(D) Drive to maturity
86. Which one of the following states of India is the largest producer of tea?
(A) Karnataka
(B) Tripura
(C) Kerala
(D) Himachal Pradesh
87. Mahogany, ebony and cinchona are important trees of
(A) Tropical rain forests
(B) Temperate deciduous forests
(C) Coniferous forest
(D) Dry Tropical Vegetation

88. Which one of the following is a metamorphic rock?
- (A) Basalt
 - (B) Schist
 - (C) Dolomite
 - (D) Granite
89. The average water depth of continental shelves is
- (A) 150 fathoms
 - (B) 125 fathoms
 - (C) 100 fathoms
 - (D) 200 fathoms
90. Which one of the following terrestrial planets is smallest?
- (A) Venus
 - (B) Pluto
 - (C) Mercury
 - (D) Mars
91. Which one of the following maps is a small scale map?
- (A) Cadastral map
 - (B) Topographic map
 - (C) Atlas map
 - (D) None of the above
92. If the clusters of points of two variables on a graph do not show any pattern, the variables are said to be
- (A) Positively correlated
 - (B) Negatively correlated
 - (C) Independent
 - (D) Dependent
93. Which one of the following statistical diagrams is used for showing various land uses?
- (A) Proportional circles
 - (B) Pie diagram
 - (C) Graduated spheres
 - (D) Divided square
94. Which one of the following is associated with the effects of periods of precipitation shortfalls on surface or subsurface water supply?
- (A) Hydrological drought
 - (B) Meteorological drought
 - (C) Agricultural drought
 - (D) Long term drought

95. Regions which have focal point with surrounding areas are

- (A) Functional regions
- (B) Formal regions
- (C) Perceptual regions
- (D) Nodal regions

96. Which one of the following states of India is the largest producer of coal?

- (A) Chhattisgarh
- (B) Jharkhand
- (C) Odisha
- (D) Madhya Pradesh

97. The relatively higher part of the great northern plain, is called

- (A) Khader
- (B) Banger
- (C) Terai
- (D) Sambhar

98. The ooze containing 80% calcium carbonate is

- (A) Globigerina
- (B) Pteropod
- (C) Radiolarian
- (D) Diatom

99. An extremely cold and dry north-easterly wind blowing along the shore of Adriatic Sea is

- (A) Mistral
- (B) Bora
- (C) Blizzard
- (D) Levante

100. Which one of the following characteristics best describes Savanna grasslands?

- (A) These have a marked seasonal periodicity of rainfall
- (B) The ranches are separated from each other by fencing
- (C) These grasslands are not laced with forests
- (D) Fair growth of grasses favours development of commercial grazing

JMI M.A. Geography Entrance

Previous Paper 2017 (Set C)

For More information:

 YouTube Channel - Akshay Teaches

Instagram - the_Prabhakar

Facebook - theprabhakar

 Email - AkshayTeachesYT@gmail.com