

**ROY'S INSTITUTE OF COMPETITIVE EXAMINATION**

**The West Bengal Central School Service Commission**

**2nd SLST 2025**

**GEOGRAPHY**

**[CLASSES : IX - X]**

1. Which of these ores contains the highest percentage of iron?  
(A) Limonite  
(B) Haematite  
**(C) Magnetite**  
(D) Siderite
2. Thermocline is a layer where  
(A) Temperature remains constant.  
(B) Pressure decreases.  
**(C) Temperature changes rapidly with depth.**  
(D) Sunlight increases.
3. Low salinity is generally found in  
(A) Tropical region  
(B) Closed seas  
**(C) River mouths**  
(D) Coral reefs
4. Which of the following rocks has the highest degree of hardness?  
(A) Sandstone  
(B) Marble  
**(C) Quartzite**  
(D) Limestone
5. As per the latest census, which state in India achieved the first place according to sex-ratio?  
(A) Karnataka  
(B) Tripura  
(C) West Bengal  
**(D) Kerala**
6. The ratio between the least count of the main scale and number of vernier scale divisions is called  
(A) Main scale reading  
(B) Vernier scale reading  
**(C) Vernier constant**  
(D) Main scale constant

*Disclaimer : Every effort has been made to ensure that the answer keys provided herein are accurate to the best of our understanding. These are for reference purpose only and should not be considered as the official answers. The purpose is to help the examinees to analyse their performance in competitive examinations.*

7. Which of the following states in India has the highest tribal population?  
**(A) Madhya Pradesh**  
(B) Uttar Pradesh  
(C) Bihar  
(D) Maharashtra
8. Which type of chemical weathering is found to be operative on limestone in hot-humid climate?  
**(B) Carbonation**  
(C) Hydration  
(D) Desilication
9. Plants which can adapt to dry environments are known as  
(A) Halophyte  
(B) Hydrophyte  
(C) Mesophyte  
**(D) Xerophyte**
10. Some industries come up near the source of raw materials. An important example is  
(A) Cotton Textile industry  
**(B) Sugar industry**  
(C) Information Technology industry  
(D) Chemical industry
11. 'Landform is the function of structure, process and stage' — who propounded this theory?  
(A) W. Penck  
(B) T. H. Hack  
(C) L. C. King  
**(D) W. M. Davis**
12. Tropical cyclone that originates along the Japan coast is known as  
(A) Hurricane  
(B) Tornado  
(C) Roaring Forties  
**(D) Typhoon**
13. Which of the following countries has a 'pear-shaped' age-sex pyramid?  
(A) India  
(B) Nigeria  
(C) Brazil  
**(D) Norway**
14. What is the total angle formed at the centre of a piegraph?  
(A) 90°  
(B) 180°  
(C) 270°  
**(D) 360°**

15. A famous fishing port located along the North-west Atlantic coast is  
(A) Portland  
**(B) Newport**  
(C) Skina  
(D) Tromso
16. Which will be the most suitable cartogram to represent the population density of a country?  
(A) Piegraph  
**(B) Choropleth**  
(C) Chorochromatic  
(D) Dot and Sphere
17. By which law will the low pressure area be on the right side if one faces away from the direction of wind in the southern hemisphere?  
(A) Ferrel's law  
(B) Coriolis force  
**(C) Buys Ballot's law**  
(D) Halley's law
18. Lowest rate of downcutting of a river is observed at  
(A) Mountain valley  
(B) Piedmont region  
**(C) Near sea level**  
(D) Plateau region
19. Which continent has the highest population density?  
(A) Africa  
(B) North America  
(C) Europe  
**(D) Asia**
20. What percentage of energy is transferred from one trophic layer to another in an ecosystem?  
(A) 20%  
**(B) 10%**  
(C) 25%  
(D) 50%
21. This type of soil develops in low rainfall regions —  
**(A) Pedocal**  
(B) Pedalfer  
(C) Saline soil  
(D) Lithosol
22. Which of the following ocean currents is a cold current?  
(A) Equatorial current  
**(B) Humboldt current**  
(C) Gulf stream  
(D) Brazilian current

23. Which of the following countries has the highest annual population growth rate?  
(A) India  
(B) China  
**(C) Afghanistan**  
(D) Bangladesh
24. Which of these plays the role of decomposer in the ecosystem?  
(A) Deer  
(B) Chameleon  
**(C) Clostridium**  
(D) Plankton
25. Tilting of wall located over slope is a result of which type of mass wasting?  
(A) Landslide  
(B) Mudflow  
(C) Rockfall  
**(D) Soil creep**
26. Which part of the earth's crust has the highest density?  
(A) Continental crust  
**(B) Oceanic crust**  
(C) Mantle  
(D) Core
27. In Indonesia, shifting cultivation is known as  
(A) Milpa  
(B) Jhum  
(C) Fang  
**(D) Ladang**
28. In which of the following projections does the developable surface touch the mid-latitude?  
(A) Mercator's  
(B) Gnomonic  
**(C) Simple Conical Projection**  
(D) Sinusoidal Projection
29. Which of these geographers divided the world into 'natural regions'?  
**(A) Prof. Herbertson**  
(B) Carl O Sauer  
(C) Huntington  
(D) Kant
30. In which layer of the soil does illuviation take place?  
(A) A  
(B) D  
**(C) B**  
(D) C

31. Which of these is the coldest layer of the earth's atmosphere?  
**(A) Mesosphere**  
 (B) Exosphere  
 (C) Thermosphere  
 (D) Stratosphere
32. Why is it easier to set up a thermal power plant compared to a hydel power plant?  
 (A) Thermal power plant emits less green house gas than hydel power plant.  
 (B) Thermal power plant has been in use for a longtime.  
 (C) It is cheaper to set up a thermal power plant.  
**(D) There is no seasonal variation in the generation of thermal power.**
33. The intermediate region between Continental Coastline and Continental Slope is known as  
**(A) Continental shelf**  
 (B) Abyssal plain  
 (C) Sea canyon  
 (D) Guyots
34. The meeting point of the Eastern and Western Ghats is here —  
 (A) Cardamom hills  
 (B) Palni hills  
 (C) Annamalai hills  
**(D) Nilgiri hills**
35. 'Sargasso Sea' is located in the  
 (A) Indian Ocean  
 (B) Arctic Ocean  
 (C) Pacific Ocean  
**(D) Atlantic Ocean**
36. Out-migration of population will not have this effect in the source region  
 (A) Scarcity of skilled labour  
 (B) Decrease in population density  
**(C) Increase in unemployment**  
 (D) Economic development in the source region
37. Intensity of wheat cropping in India is the highest in  
**(A) Punjab**  
 (B) Haryana  
 (C) Maharashtra  
 (D) Gujarat
38. Which of these is not an east-flowing river in India?  
 (A) Godavari  
 (B) Cauvery  
**(C) Tapi**  
 (D) Krishna

39. Inversion of temperature is caused by  
(A) Long night  
(B) Calm weather  
(C) Snow-covered surface  
**(D) All of the above**
40. In which year, was 'MONEX' carried out by Indian and Soviet scientists?  
(A) 1970  
**(B) 1979**  
(C) 1990  
(D) 1960
41. This element is very important for improving soil fertility —  
**(A) Phosphorous**  
(B) Silica  
(C) Calcium  
(D) Sodium
42. The principal source of ocean salinity is  
(A) Oceanic crust  
**(B) Eroded materials from the continents**  
(C) Oceanic volcanism  
(D) Meteorite fall
43. In which type of plate boundary the Mid-oceanic ridges are formed?  
(A) Convergent plate boundary  
**(B) Divergent plate boundary**  
(C) Neutral plate boundary  
(D) Static plate boundary
44. Dunes formed through aeolian deposition in the Rajasthan desert region are known as  
(A) Barkhan  
(B) Seif  
**(C) Dhrian**  
(D) Yardang
45. Which mineral deposit is found in large quantities in Shimoga district of Karnataka?  
**(A) Manganese**  
(B) Coal  
(C) Limestone  
(D) Copper
46. This city is known as the 'Manchester of India' —  
(A) Mumbai  
(B) Kolkata  
**(C) Ahmedabad**  
(D) Nagpur

47. The upper part of the earth's crust is mainly composed of which two mineral constituting elements?  
(A) Nickel and Iron  
(B) Copper and Iron  
(C) Silica and Magnesium  
**(D) Silica and Aluminium**
48. The ideal situation of man-land ratio in a particular region is called  
(A) Overpopulation  
**(B) Optimum Population**  
(C) Underpopulation  
(D) Carrying Capacity
49. Which type of scale helps in finest measurement?  
(A) Statement scale  
(B) Simple linear scale  
(C) Ratio scale  
**(D) Vernier scale**
50. In which year, did the Government of India introduce the Biodiversity Act?  
(A) 1992  
(B) 2000  
**(C) 2002**  
(D) 1980
51. Which of these is not a high yielding variety of rice?  
(A) Jaya  
(B) IR-20  
(C) Swarno-sub 1  
**(D) Sonalika**
52. Which of these is a pastoral nomadic tribe of the Savannah grassland region?  
(A) Pygmy  
(B) Semang  
**(C) Masai**  
(D) Toda
53. Which of the following is a landform created by folding?  
(A) Rift valley  
(B) Block mountain  
(C) Fault scarp  
**(D) Anticline ridge**
54. Who was the proponent of the term 'ecosystem'?  
**(A) A. G. Tansley**  
(B) R. Lindeman  
(C) E. P. Odum  
(D) Clark

55. 'Knick point' is found at  
**(A) Multicyclic river valley.**  
(B) Graded river valley.  
(C) Lower stage of the river valley.  
(D) Rainfed river valley region.
56. This part of India receives rainfall in two seasons of a year —  
(A) Karnataka Coast  
(B) West Bengal Coast  
**(C) Tamil Nadu Coast**  
(D) Andaman Islands
57. This species of plant is found in Taiga Biome —  
**(A) Spruce**  
(B) Baobab  
(C) Cactus  
(D) Mahogany
58. The intersection of less than type and more than type Ogive indicates  
**(A) Median**  
(B) Mean  
(C) Mode  
(D) Standard Deviation
59. Which of the following is an example of extinct volcano?  
(A) Vesuvius  
(B) Maunaloa  
**(C) Narkondam**  
(D) Etna
60. Which of these is not a conventional source of energy?  
(A) Coal  
**(B) Solar power**  
(C) Mineral oil  
(D) Natural gas
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