

SET A

Geography

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- (A) Fertility and mortality
 - (B) Mortality and age-structure
 - (C) Mortality and migration
 - (D) Age-structure and sex
50. Ghawar, one of the most important oilfields in the world, is located in :
- (A) Iran
 - (B) Saudi Arabia
 - (C) Kuwait
 - (D) Russia

SET D

Geography

1. A system which consists of data acquisition, data processing and data analysis is called :

(A) Digital Image

(B) Geographic Information System

(C) Remote Sensing System

(D) Global Positioning System

2. Insolation reaches the earth surface in the form of :

(A) Short waves

(B) Long waves

(C) Infra-red Rays

(D) Lorenz curve

3. Winter rainfall in North-Western part of India is mainly due to :

(A) Western disturbance

(B) North-East Monsoon

(C) North-West Monsoon

(D) Depression in the Bay of Bengal

4. The habitat of the Toda tribe is :
- (A) Aravalli range (B) Siwalik range
- (C) Kaimur range (D) Nilgiri hills
5. Tropical cyclone storms occurring in Philippines, Japan and China seas are known as :
- (A) Hurricanes (B) Thunderstorms
- (C) Typhoons (D) Tornadoes
6. Which of the following countries will jointly host the 2030 FIFA World Cup ?
- (A) Russia (B) Qatar
- (C) Portugal (D) Brazil
7. Nalabana Bird Sanctuary is located in which state ?
- (A) West Bengal
- (B) Odisha
- (C) Andhra Pradesh
- (D) Karnataka

8. Which peninsula separates the Gulf of Mexico from the Caribbean Sea ?
- (A) Avalon Peninsula
 - (B) Boothia Peninsula
 - (C) Bruce Peninsula
 - (D) Yucatan Peninsula
9. Which country has built an 'Artificial Moon' project ?
- (A) USA
 - (B) China
 - (C) Russia
 - (D) Israel
10. What is the time difference over 1 degree of longitude ?
- (A) 5 minutes
 - (B) 5 minutes 20 seconds
 - (C) 4 minutes
 - (D) 4 minutes 20 seconds
11. The atmospheric layer that has maximum ozone concentration is :
- (A) The Stratosphere
 - (B) The Ionosphere
 - (C) The Mesosphere
 - (D) The Thermosphere

12. Which of the following is *not* considered a characteristic feature of the youthful stage of an ideal normal cycle of erosion ?
- (A) Pot holes
 - (B) Natural levees
 - (C) Gorges
 - (D) River Capture
13. The theory of Plate Tectonics is based on :
- (A) Theory of continental drift
 - (B) Principle of Isostasy
 - (C) Big Bang Theory
 - (D) Tetrahedral Theory
14. Which of the following winds fall in the zone of Hadley Cell ?
- (A) Chinook
 - (B) Trade Winds
 - (C) Westerlies
 - (D) Polar winds
15. Tsunamis are produced by :
- (A) Tides
 - (B) Cyclones
 - (C) Sub-marine earthquakes
 - (D) Shrinking of earth's crust

16. The Mid-Atlantic Ridge is an example of :

- (A) Divergent Plate Boundary
- (B) Convergent Plate Boundary
- (C) Transform Plate Boundary
- (D) Horizontal Plate Boundary

17. When higher income groups re-occupy and revive older housing to make attractive inner city areas, the process is called :

- (A) Filtering
- (B) Gentrification
- (C) Housing re-development
- (D) Residential upgradation

18. Which of the following is a warm ocean current ?

- (A) Canary Current
- (B) Benguela Current
- (C) Oyashio Current
- (D) Kuroshio Current

19. The Dogger Bank is a fishing area located :
- (A) Along the west coast of England
 - (B) In the North Sea
 - (C) Along the west coast of Scandinavia
 - (D) In the Bering Sea
20. Population Density is usually shown by :
- (A) Choropleth Method
 - (B) Isopleth Method
 - (C) Chorochromatic Method
 - (D) Decimetric Method
21. Which one of the following is *not* one of the seven islands of Bombay ?
- (A) Colaba
 - (B) Goregaon
 - (C) Mazagaon
 - (D) Worli

22. Which process of chemical weathering causes rusting of iron ?

(A) Carbonation

(B) Oxidation

(C) Dissilication

(D) Hydration

23. Sea floor spreading theory was propounded by :

(A) Harry Hess

(B) Tuzo Wilson

(C) A. Hobbes

(D) D.L. Holms

24. Red Sea is an example of :

(A) Synclinal valley

(B) Volcanic Structure

(C) Rift Valley

(D) Eroded Valley

25. The “Agenda 21” was adopted in which of the following conventions ?
- (A) Stockholm Convention
 - (B) Rio-Earth Summit
 - (C) Rotterdam Convention
 - (D) Ramsar Convention
26. Central Place Theory explaining city-size distribution was given by :
- (A) G.K. Zipf
 - (B) Walther Christaller
 - (C) Chauncy Harris
 - (D) Weber
27. pH value of moderately alkaline soils varies between :
- (A) 4.5 to 5.0
 - (B) 5.0 to 5.5
 - (C) 5.8 to 6.4
 - (D) 7.8 to 8.4
28. Which is the geologically oldest physiographic division of India ?
- (A) Great Northern Plains
 - (B) Great Indian Plateau
 - (C) Greater Himalayas
 - (D) The Coastal Plains

29. Which of the following latitudes passes through India ?
- (A) Equator
 - (B) Arctic Circle
 - (C) Tropic of Capricorn
 - (D) Tropic of Cancer
30. Among the following States, which one has the largest forest area ?
- (A) Gujarat
 - (B) Karnataka
 - (C) Madhya Pradesh
 - (D) Tamil Nadu
31. The most important factor to control the growth and types of forests is :
- (A) Soil types
 - (B) Climate
 - (C) Underground water
 - (D) Soil fertility

32. Which one of the following regions is practising most intensive subsistence farming ?
- (A) Pampas region
 - (B) Murray-Darling Basin
 - (C) California Valley
 - (D) Monsoon Asia
33. By which theory does the population increase geometrically ?
- (A) Optimum Population Theory
 - (B) Malthusian Theory of Population
 - (C) Logistic Curve Theory
 - (D) Theory of Demographic Transition
34. Bad-land Topography is the product of the combined action of :
- (A) Wind and Glacier
 - (B) Wind and Water
 - (C) Water and Glacier
 - (D) Water and Temperature

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- (B) Saudi Arabia
- (C) Kuwait
- (D) Russia

38. Which one of the following has the longest coast line ?
- (A) Tamil Nadu
 - (B) Maharashtra
 - (C) Gujarat
 - (D) Andaman and Nicobar Islands
39. Which of the following passes does the Kailash Mansarovar Yatra pass through ?
- (A) Niti Pass
 - (B) Lipu Lekh La
 - (C) Mana Pass
 - (D) Kuari Pass
40. Which of the following was the earliest regional planning exercise in India ?
- (A) National Capital Region Plan
 - (B) Dandakaranya Area Plan
 - (C) Damodar Valley Project
 - (D) Bhakra-Nangal Project

41. Delta Kames are the outcome of :

- (A) Glacial erosion
- (B) Wind deposition
- (C) River deposition
- (D) Glacial deposition

42. August Comte is associated with :

- (A) Positivism
- (B) Radicalism
- (C) Humanism
- (D) Dualism

43. Exceptionalism in Geography was a critique of the ideas of :

- (A) Fred K. Schaefer
- (B) Richard Hartshorne
- (C) Derek Gregory
- (D) David Harvey

44. Which of the steel plants is port based ?
- (A) Bhilai
 - (B) Durgapur
 - (C) Vishakhapatnam
 - (D) Rourkela
45. In which of the following diagrams the relationship of relative humidity and temperature is depicted ?
- (A) Hythergraph
 - (B) Climograph
 - (C) Ergograph
 - (D) Band graph
46. The idealised global pattern of surface wind from the equator to pole is :
- (A) doldrums – trade winds – westerlies – easterlies
 - (B) doldrums – westerlies – trade winds – easterlies
 - (C) doldrums – easterlies – trade winds – westerlies
 - (D) doldrums – trade winds – easterlies – westerlies

47. Which of the following is *not* a gregarious tree species ?
- (A) Sal (B) Teak
(C) Shisham (D) Deodar
48. The book “On the Origin of Species” was written by :
- (A) Charles Darwin in 1869
(B) Herbert Spencer in 1859
(C) Charles Darwin in 1859
(D) Herbert Spencer in 1869
49. Deciduous trees are those :
- (A) that grow up straight
(B) that grow plenty in dry places
(C) that never bear fruits
(D) that shed their leaves during a certain season
50. The projection in which Loxodromes are shown as straight lines is :
- (A) Gnomonic
(B) Mercator’s
(C) Gall’s Stereographic
(D) Cylindrical Equal Area