

WBSSC Geography (XI-XII) 2016

Q1. The transitional zone between the Earth's crust and the mantle is called –

- (a) Conrad Discontinuity
- (b) Gutenberg Discontinuity
- (c) Mohorovičić Discontinuity
- (d) Lehmann Discontinuity

Q2. The point on the Earth's surface vertically above the origin of an earthquake is called –

- (a) Focus
- (b) Epicenter
- (c) Median point
- (d) Hypocenter

Q3. Most of the faults in the Himalayas are

- (a) strike-slip fault
- (b) thrust fault
- (c) normal fault
- (d) transform fault.

Q4. The general cause of U-shaped valleys is –

- (a) River erosion
- (b) Wind erosion
- (c) Glacier action
- (d) Alluvial Deposit

Q5. The process responsible for the exfoliation of granite rocks is a type of –

- (a) Chemical weathering
- (b) Fault
- (c) Mechanical weathering
- (d) Mass wasting

Q6. The two combined forces whose action results in the formation of badland topography are

- (a) wind and glacier
- (b) water and glacier
- (c) wind and water
- (d) water and ocean waves.

Q7. Karst topography is typically associated with –

- (a) Gravel deposits
- (b) Sea level changes
- (c) Limestone regions
- (d) Mountain formation

Q8. The slow downward movement of rock fragments and soil along a hillside due to gravity is called

- (a) earthflow
- (b) landslide
- (c) creep
- (d) avalanche.

Q9. Which of the following geographers specifically emphasized climatic determinism?

- (a) Griffith Taylor
- (b) Ellsworth Huntington
- (c) Friedrich Ratzel
- (d) Immanuel Kant.

Q10. Who is regarded as the founder of Human Geography?

- (a) Aristotle
- (b) Thales
- (c) Kant
- (d) Eratosthenes

Q11. Vidal de la Blache is associated with?

- (a) Possibilism
- (b) Logical Positivism
- (c) Materialism
- (d) Structuralism

Q12. Who wrote the book titled "Oecumene" (or "Ecumene")?

- (a) Strabo
- (b) Ptolemy
- (c) Eratosthenes
- (d) Hecataeus

Q13. Which of the following is NOT a type of wind?

- (a) Trade wind
- (b) Westerly wind
- (c) Jet stream
- (d) Polar wind

Q14. Tornado is –

- (a) Tropical cyclone
- (b) Temperate cyclone
- (c) Mid-latitude cyclone
- (d) Eye of a storm

Q15. The process of solonchak soil formation is

- (a) Calcification
- (b) Salinization
- (c) Gleyzation
- (d) Humification.

Q16. In which of the following places is a tiger reserve located?

- (a) Jharkhali
- (b) Sajnekhali
- (c) Bakkhali
- (d) Sandeshkhali

Q17. East Kolkata Wetlands have been declared as a

- (a) World Heritage Site
- (b) Ramsar Site
- (c) Biodiversity Hotspot
- (d) Tourist Area

Q18. In which of the following countries are Veld grasslands found?

- (a) North America
- (b) New Zealand
- (c) South Africa
- (d) Western Europe

Q19. Information technology industry falls under which type of economic activity?

- (a) Primary sector
- (b) Secondary sector
- (c) Tertiary sector
- (d) Quaternary sector

Q20. What is meant by demographic dividend?

- (a) Increase in the number of people aged 0-5 years.
- (b) Increase in the number of people aged 6-15 years.
- (c) Increase in the number of people aged 16-64 years.
- (d) Increase in the number of people over 65 years of age.

Q21. In which of the following situations does zero population growth occur?

- (a) Birth rate is higher than death rate.
- (b) Birth rate is not less than death rate.
- (c) Both birth rate and death rate are high.
- (d) Migration increases.

Q22. Which region of the following Western Ghats is known as the "Coffee Capital of India"?

- (a) Munnar
- (b) Araku Valley
- (c) Kodagu district
- (d) Chikkamagaluru district.

Q23. Which of the following rivers flows through the Kashmir Valley?

- (a) Jhelum
- (b) Chenab
- (c) Beas
- (d) Tapti

Q24. Which of the following states does not have any metropolitan city?

- (a) Jharkhand
- (b) Rajasthan
- (c) Tripura
- (d) Karnataka

Q25. Which of the following statistical techniques is used to understand the relationship between two variables?

- (a) Regression
- (b) Standard deviation
- (c) Ogive
- (d) Z-score

Q26. The instrument that helps in reading aerial photographs is

- (a) Microscope
- (b) Stereoscope
- (c) Theodolite
- (d) Pantograph

Q27. Which of the following organizations prepares topographical maps in India?

- (a) Geological Survey of India
- (b) Survey of India
- (c) National Atlas & Thematic Mapping Organisation
- (d) Indian Statistical Institute

Q28. Among the following, who is the proponent of the concepts of economic rent and diminishing returns in agriculture?

- (a) D. Ricardo
- (b) T. Hagerstrand
- (c) J.H. Von Thunen
- (d) J.C. Weaver

Q29. Among the following scientists, with whom is the multiple nuclei model associated?

- (a) Garrison
- (b) Hoyt
- (c) Harris and Ullman
- (d) Burgess

Q30. A clear night sky is cooler than a cloudy night sky due to which of the following reasons?

- (a) Condensation
- (b) Radiation
- (c) Thermal effect of solar rays
- (d) Convection/Conduction

Q31. What is the name of the subsided part resulting from a fault?

- (a) Horst
- (b) Karren
- (c) Rift valley
- (d) Graben

Q32. Which volcano is called the "Lighthouse of the Mediterranean"?

- (a) Mount Etna
- (b) Mount Vesuvius
- (c) Fujiyama
- (d) Mount Stromboli

Q33. The river that flows on the opposite slope of the dip is a

- (a) Subsequent river
- (b) Rejuvenated river
- (c) Inconsequent river
- (d) Obsequent river

Q34. The lower limit of height below which fluvial erosion does not occur is called the

- (a) Lowest level
- (b) Sea level
- (c) Datum level
- (d) Base level

Q35. The deep crevasse at the back of a glacier is called

- (a) Arête
- (b) Peak
- (c) Cirque
- (d) Bergschrund

Q36. The area between high and low tide is called the

- (a) Foreshore
- (b) Beach
- (c) Berm
- (d) Backshore

Q37. The originator of the model of landform evolution that is not time-dependent is

- (a) Davis
- (b) Hack
- (c) Penck
- (d) Chorley

Q38. The stable or in-situ chemical decomposition of rocks and minerals is

- (a) Weathering
- (b) Mass wasting
- (c) Chemical weathering
- (d) Mechanical weathering

Q39. Solifluction is observed in

- (a) Desert regions
- (b) Arctic regions
- (c) Arid regions
- (d) Equatorial climate regions

Q40. Positional analysis is associated with

- (a) Sauer
- (b) Hecataeus
- (c) Hartshorne
- (d) Gould

Q41. The concept of Neo-determinism was introduced by

- (a) H.J. Mackinder
- (b) O.H.K. Spate
- (c) G. Taylor
- (d) A.J. Herbertson

Q42. 'Die Erdkunde' is associated with which name?

- (a) Kant
- (b) Ritter
- (c) Humboldt
- (d) Hettner

Q43. The proponent of the 'Welfare Paradigm' in Geography is

- (a) P.P. Semenov
- (b) P. Kropotkin
- (c) Gerasimov
- (d) A.J. Herbertson

Q44. In Köppen's classification, 'E' climate refers to..... climate.

- (a) Equatorial
- (b) Tropical
- (c) Mid-latitude
- (d) Polar

Q45. Global warming is closely related to?

- (a) Sunspot cycle
- (b) Excessive supply of greenhouse gases
- (c) Ozone layer depletion
- (d) General air circulation

Q46. The balance between Coriolis force and pressure gradient creates

- (a) Calm wind
- (b) Slope-controlled airflow
- (c) Geostrophic wind
- (d) Divergent airflow

Q47. Mesosphere is a

- (a) Isothermal layer
- (b) Inversion layer
- (c) Normal layer
- (d) Ozone-rich layer

Q48. The origin of monsoon winds is directly related to

- (a) Westerlies
- (b) Andhi (dust storms)
- (c) Jet stream
- (d) Difference in temperature and coolness of land and water surfaces

Q49. Soil color depends on

- (a) Soil texture
- (b) Soil structure
- (c) Mineral and organic matter
- (d) Soil depth

Q50. In which horizon is the abundance of iron oxides most observed in soil?

- (a) A horizon
- (b) B horizon
- (c) C horizon
- (d) Turncated horizon

Q51. Tropical soils are specifically characterized/indicated by:

- (a) Pedalfers
- (b) Podzol
- (c) Paleosol
- (d) Laterite

Q52. The temperate grasslands in the interior of Eurasia are called:

- (a) Prairie
- (b) Pampas
- (c) Steppe
- (d) Veld

Q53. Soil erosion cannot be prevented by:

- (a) Terrace farming
- (b) Grassland cultivation
- (c) Tree planting
- (d) Contour farming

Q54. An ecosystem is a:

- (a) Closed system
- (b) Mechanical system
- (c) Open system
- (d) Abiotic system

Q55. Animals that consume plants and other food (or other animals) are -

- (a) Parasites
- (b) Autotrophs
- (c) Carnivores
- (d) Herbivores

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