

2022

GEOGRAPHY

(Honours)

Paper Code : III - A

(New Syllabus)

Full Marks : 50

Time : One Hour Thirty Minutes

Choose the correct answer.

Each question carries 1 Mark.

1. What is soil horizon ?
 - (A) A factor influencing how soil is formed
 - (B) A layer of soil
 - (C) An organism found within the soil
 - (D) A technique used to map soils
2. Which one of the following is not a form of precipitation ?
 - (A) Drizzle
 - (B) Fog
 - (C) Snowfall
 - (D) Rainfall
3. Industries that are considered 'footloose' —
 - (A) Require multiple sources of raw materials
 - (B) Are fly-by-night operations
 - (C) Are found predominantly in inner cities
 - (D) Consider transport costs a negligible factor in production.
4. Which of the following type of resource is iron-ore ?
 - (A) Renewable
 - (B) Biotic
 - (C) Flow
 - (D) Non-renewable

5. Which one of the following is correct descending order (% composition) of permanent Gases of Atmosphere ?
- (A) Argon > Carbon dioxide > Neon > Helium
 - (B) Carbon dioxide > Argon > Neon > Helium
 - (C) Carbon dioxide > Argon > Helium > Neon
 - (D) Argon > Carbon dioxide > Helium > Neon
6. Shadow effect is associated with which one of the following rainfall ?
- (A) Cyclonic rainfall
 - (B) Orographic rainfall
 - (C) Convectional rainfall
 - (D) Frontal rainfall
7. Which of the following states have the largest coal reserves of India are found ?
- (A) Assam
 - (B) Jharkhand
 - (C) Madhya Pradesh
 - (D) Orissa
8. In an aquatic ecosystem, the trophic level equivalent to cows in grasslands is —
- (A) Nekton
 - (B) Zooplankton
 - (C) Phytoplankton
 - (D) Benthos
9. Natural regions can be defined as —
- (A) Regions of similar natural and cultural environments
 - (B) Regions of similar natural environment
 - (C) Regions of similar cultural environment
 - (D) None of the above
10. Excessive irrigation by canals may lead to —
- (A) Soil acidity
 - (B) Soil conservation
 - (C) Soil alkalinity
 - (D) None of above

11. Which is the most suitable layer for flying of Jet aeroplanes ?
- (A) Troposphere
 - (B) Mesosphere
 - (C) Thermosphere
 - (D) Stratosphere
12. Xerophytic vegetation is characteristic features of which of the following ?
- (A) Rajasthan
 - (B) Chotanagpur Plateau
 - (C) Eastern Ghats
 - (D) Khasi Hills
13. Condensation is the reverse of —
- (A) Vaporization
 - (B) Smog
 - (C) Cirrus cloud
 - (D) Fog
14. The condition / conditions of formation of laterite soil is —
- (A) High temperature
 - (B) Heavy rainfall
 - (C) Erosion
 - (D) Both (A) and (B)
15. Which one of the following represent the lines joining the place of equal rainfall ?
- (A) Isotim
 - (B) Isohalines
 - (C) Isobars
 - (D) Isohyets
16. Which one of the following introduced the concept of Development ?
- (A) Paul Krugman
 - (B) Dr. Mahbub-Ul-Haq
 - (C) Prof. Amartya Sen
 - (D) Ratzel

17. Which atmospheric layer is called Thermosphere ?
- (A) Troposphere
 - (B) Stratosphere
 - (C) Mesosphere
 - (D) Ionospere
18. Global warming is expected to result in —
- (A) Increase in level of sea
 - (B) Change in crop pattern
 - (C) Change in coastline
 - (D) All of the above
19. Atmospheric temperature increasing at the higher altitudes is called —
- (A) Inversion
 - (B) Radiation
 - (C) Conduction
 - (D) Convection
20. According to Koppen's scheme of climate classification 'E' type climate is found in —
- (A) Nagaland
 - (B) Kerala
 - (C) Tamil Nadu
 - (D) Jammu & Kashmir
21. Social forestry Program started in India in —
- (A) 1982
 - (B) 1986
 - (C) 1976
 - (D) 1970
22. Absolute Poverty means —
- (A) Poverty in terms of absolute number of people
 - (B) Poverty in terms of the basic minimum calorie requirements
 - (C) Poverty in terms of the prevailing price level
 - (D) Poverty in terms of the absolute level of unemployment

23. Narora Atomic Power station is located in which state ?
- (A) Gujarat
 - (B) Rajasthan
 - (C) Maharashtra
 - (D) Uttar Pradesh
24. Hirakud Dam is located on which river ?
- (A) Rihand
 - (B) Mahanadi
 - (C) Subarnarekha
 - (D) Godabari
25. When the raw material used in an industry is gross and ubiquitous, the location of the industry will be —
- (A) Near the market
 - (B) Anywhere between the source of raw material and market
 - (C) Near the capital
 - (D) Near the source of raw material
26. Which of the following is the best quality of coal ?
- (A) Bituminous
 - (B) Lignite
 - (C) Peat
 - (D) Anthracite
27. Which of the following committee's recommendations are being followed for estimating 'Poverty line' in India ?
- (A) Dutt Committee
 - (B) Chakravorty Committee
 - (C) Chelliah Committee
 - (D) Lakdawala Committee
28. Why organic matter (humus) is an important part of soil ?
- (A) It helps to improve water infiltration
 - (B) It can break down organic pollutants
 - (C) It converts nitrogen in the air into nitrates used by plants
 - (D) It is rich in nutrients, which is important for fertility.

29. Which of the following types of soil is more fertile ?
- (A) Desert soil
 - (B) Laterite soil
 - (C) Red soil
 - (D) Regur soil
30. What is the correct sequence of the atmospheric layers from bottom - to - top ?
- (A) Mesosphere, Troposphere, Thermosphere, Stratosphere
 - (B) Troposphere, Stratosphere, Mesosphere, Thermosphere
 - (C) Stratosphere, Troposphere, Mesosphere, Thermosphere
 - (D) Thermosphere, Troposphere, Stratosphere, Mesosphere
31. Which one of the following are not Heterotrophs ?
- (A) Carnivores
 - (B) Omnivores
 - (C) Autotrophs
 - (D) Detritivores
32. Autoecology deals with —
- (A) Ecology of a specie
 - (B) Ecology of many species
 - (C) Ecology of Community
 - (D) All the above
33. When you travel in certain part of India, you will notice red soil. What is the main reasons for this colour ?
- (A) Abundance of magnesium
 - (B) Accumulated humus
 - (C) Presence of ferric oxides
 - (D) Abundance of phosphates
34. Illuviation implies —
- (A) Frequent tilling of soils
 - (B) Removal of soluble minerals from the top soil
 - (C) Deposition of soluble minerals in the lower layers
 - (D) Use of high doses of chemical fertilizers

35. An ideal soil developed in situ would have —
- (A) A well-developed profile
 - (B) A partly developed profile
 - (C) No profile
 - (D) A lot of humus
36. Red data book give an account of —
- (A) Extinct animal only
 - (B) Fossil Plant
 - (C) Endangered plant only
 - (D) Endangered plants and animals
37. The Term Alpha diversity refers to —
- (A) Genetic diversity
 - (B) Community and ecosystem diversity
 - (C) Diversity among the plants
 - (D) Species diversity
38. Where does most of the weather phenomena take place ?
- (A) Ionosphere
 - (B) Troposphere
 - (C) Stratosphere
 - (D) Thermosphere
39. Which one of the following is not essentially in a species of the Himalayan vegetation ?
- (A) Juniper
 - (B) Mahogany
 - (C) Silver fir
 - (D) Spruce
40. The pyramid of energy in any ecosystem is —
- (A) Always upright
 - (B) May be upright or inverted
 - (C) Always inverted
 - (D) None of the above

41. Energy flow in ecosystem is —
- (A) Unidirectional
 - (B) Multidirectional
 - (C) Bidirectional
 - (D) None of the above
42. Trophic levels are formed by —
- (A) Only plants
 - (B) Only carnivorous
 - (C) Only animals
 - (D) Organisms linked in food chain
43. Identify the possible link 'A' in the following food chain. plant → insect → frog → 'A' → Eagle :
- (A) Cobra
 - (B) Rabbit
 - (C) Parrot
 - (D) Wolf
44. Which of the following soils hard to cultivate ?
- (A) Alluvial soil
 - (B) Black soil
 - (C) Red soil
 - (D) Sandy soil
45. As per the HDR2020, India ranked in HDI —
- (A) 137th
 - (B) 134th
 - (C) 131th
 - (D) 127th
46. The Forest Research Institute (FRI) was set up in —
- (A) Musourie
 - (B) Dehradun
 - (C) Bangalore
 - (D) Nainital

47. Which of the following types of soil are mostly confined to river basins and coastal plains of India ?
- (A) Alluvial soils
 - (B) Black soils
 - (C) Laterite soils
 - (D) Red soils
48. Which of the following is the most important raw material for generation of power in India ?
- (A) Coal
 - (B) Mineral oil
 - (C) Natural Gas
 - (D) Uranium
49. "Blue Revolution" is related to —
- (A) Fish production
 - (B) Milk Production
 - (C) Oil Production
 - (D) Food Production
50. The common physical properties of soils are —
- (A) Texture
 - (B) Colour
 - (C) Structure
 - (D) All of them
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