



Primrose Schools

Affiliated to the CISCE Board for ICSE & ISC
Affiliated to the Cambridge University for IGCSE, AS & A Level
An ISO 9001:2015 Certified Institution

NATIONAL PRIMTALENT OLYMPIAD EXAMINATIONS GEOGRAPHY

CLASS
7

Name :

Section :

Roll no :

Guidelines for the Candidates

- | | |
|---|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Please check your Name, Class and Section on the OMR sheet provided to you. |
| 2 | In case, OMR sheet with your name is missing, please fill in information about yourself in the blank sheet provided before start of exam. |
| 3 | All questions are compulsory. There is no negative marking. Use of calculator is not permitted. |
| 4 | There is only ONE correct answer. Choose only ONE option for an answer. |
| 5 | To mark your choice of answers by darkening the circles in OMR sheet, use <u>HB Pencil or Blue/Black ball point pen</u> only. |
| 6 | Rough work should be done in the blank space provided in the booklet. |
| 7 | Return the OMR sheet to the invigilator at the end of the exam |
| 8 | Please fill in your personal details in space on the top of this page before attempting the paper |

SECTION A - LOGICAL REASONING

1. Manav is going to build a house on his land. The rock that he is going to use for his building is
 - A. Gypsum
 - B. Slate
 - C. Granite
 - D. Coal
2. Priya is travelling to Mumbai. She is planning to visit important tourist places. The map which will help Priya to find the location of those tourist spots is
 - A. Large – scale Map
 - B. Small-scale Map
 - C. Physical Map
 - D. Nautical Chart
3. The colour which will be used to show agricultural land on topographic map is
 - A. Brown
 - B. Blue
 - C. Black
 - D. Yellow
4. The distance between 'A' and 'B' point in topographic map is 8 cm. If the map scale is 5 cm = 20 km, then the actual ground distance will be
 - A. 30 Km
 - B. 32 Km
 - C. 28 Km
 - D. 35 Km
5. The atmosphere of the Earth becomes thinner and thinner with the
 - A. Increase in altitude
 - B. Increase in latitude
 - C. Increase in longitude
 - D. Decrease in altitude
6. Jack lives in Finland. At one night he saw colored lights shimmering across the night sky. The atmospheric layers in which these lights are created is



- A. Exosphere
- B. Mesosphere
- C. Thermosphere
- D. Troposphere

7. 'Planetoid' is the other name of

- A. Planets
- B. Solar System
- C. Comets
- D. Asteroids

8. The instrument which is used by the weather station to record wind speed is

- A. Stevenson's Screen
- B. Hygrometer
- C. Anemometer
- D. Wind Vane

9. Out of the given definitions, the most appropriate definition of climate is

- A. Changes in weather conditions in a year.
- B. Average weather pattern of many years.
- C. Change in weather pattern in a few years.
- D. Weather conditions during summer.

10. In chemical weathering

- A. Roots of trees break the rocks into pieces
- B. High temperature breaks the rock
- C. Oxygen in rainwater reacts with the rock
- D. Bacteria causes the rocks to break

11. The type of compound that can damage the Earth's Ozone Layer is

- A. Chlorofluorocarbons
- B. Carbon Dioxides
- C. Pesticides
- D. Argon

12. The continent through which all three major parallels i.e. Equator, Tropic of Cancer and Tropic of Capricorn passes is

- A. Australia
- B. Africa
- C. Asia
- D. Europe

13. Block Mountains are formed due to

- A. Faulting
- B. Collision between plates
- C. Volcanic Eruption
- D. Folding

14. The ship sailing from west coast of Africa towards east coast of North America will cross

- A. Indian Ocean
- B. Southern Ocean
- C. Pacific Ocean
- D. Atlantic Ocean

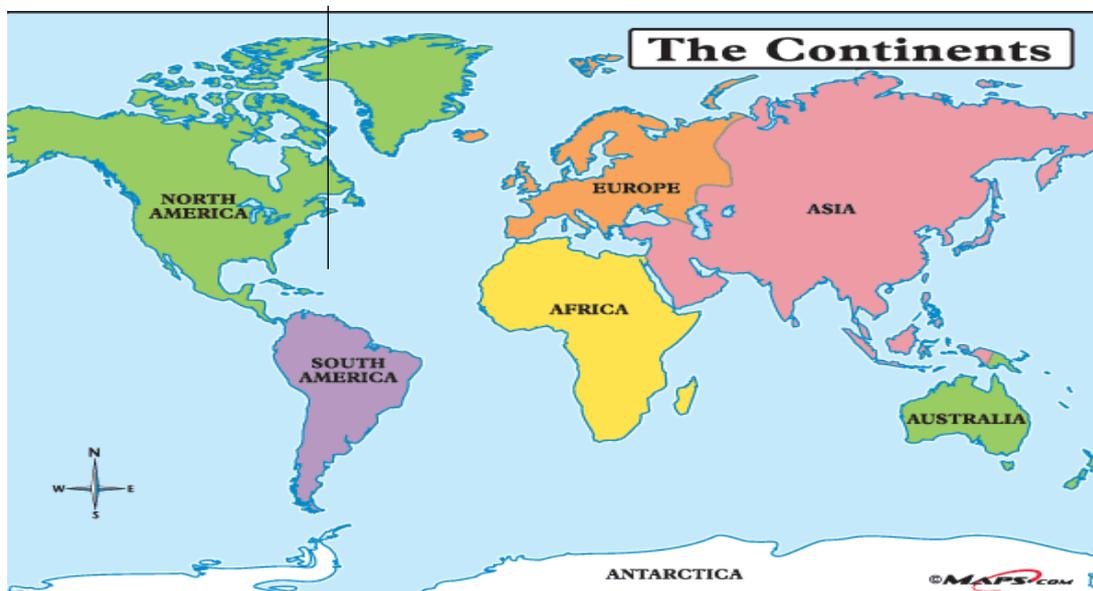
15. The Equatorial Rainforest has not been properly used because

- A. It is very dense
- B. It is full of creepers and bushes
- C. Absence of means of transport
- D. Less number of human beings are living

16. In the island of Madagascar, the rainfall occurs only during summers due to

- A. The monsoon winds from the Atlantic Ocean
- B. The monsoon winds from Indian Ocean
- C. The monsoon winds from Southern Ocean
- D. The monsoon winds from Pacific Ocean

17. The country which you will visit to enjoy the beauty of Great Barrier Reef is



- A. Europe
- B. Asia
- C. Africa
- D. Australia

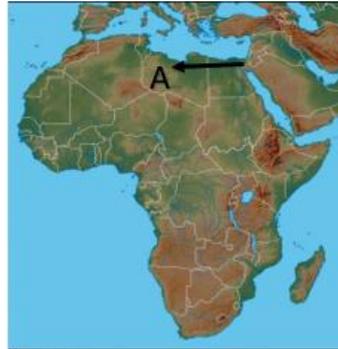
18. Antarctica is said to have a pure environment and clear skies due to
- A. The absence of water vapor and pollution in the atmosphere.
 - B. The absence of water vapor and more pollution in the air.
 - C. The presence of water vapor and pollution in the atmosphere.
 - D. The extreme temperature condition.
19. The iron and steel industry would be spending less capital
- A. If the raw materials centers are located nearby the plant.
 - B. If the market is located far away from the plant
 - C. Both
 - D. None
20. The statement scale 2 cm. to 1 km. will mean
- A. 1 Km. on the map represents 2 cm. on the actual ground.
 - B. 2 cm. on the map represent 1 cm. on the actual ground.
 - C. 2 cm. on the map represent 1 Km. on the actual ground.
 - D. 1 cm. on the map represents 2 Km. on the actual ground.

SECTION B - WORLD GEOGRAPHY

21. Europe is separated from Africa by the
- A. Strait of Gibraltar
 - B. Palk Strait
 - C. Bering Strait
 - D. Sunda Strait
22. The two big rivers of Africa are
- A. Amazon River and Ganga River
 - B. Nile River and Congo River
 - C. Volga and Mississippi River
 - D. Hwang Ho river and Amazon River
23. The world's largest shipbuilding industry is located in
- A. India
 - B. North America
 - C. Thailand
 - D. China

24. The two continents which are connected at the point 'A' are

- A. Africa and Europe
- B. Africa and Asia
- C. Europe and Asia
- D. Europe and North America



25. The Great Dividing Range runs parallel to the

- A. Coast of Indian Ocean
- B. Coast of Pacific Ocean
- C. Coast of Southern Ocean
- D. Coast of Atlantic Ocean

26. The continent which is surrounded by Southern Ocean is

- A. Europe
- B. Australia
- C. Antarctica
- D. Africa

27. Andes Mountain Range is located in

- A. South America
- B. North America
- C. Europe
- D. Asia

28. The biggest sea in the world in terms of area is

- A. Caspian Sea
- B. Dead Sea
- C. Caribbean Sea
- D. Mediterranean Sea

29. The capital of South Africa is

- A. Zimbabwe
- B. Cape Town
- C. Nairobi
- D. Cairo

30. The river which is also known as 'Highway of Central Africa' is

- A. St. Lawrence River
- B. Amazon River
- C. Indus River
- D. Congo River

SECTION C -GEOGRAPHY AS AN APPLIED SCIENCE

31. Red color is used in topographical map to show
- A. Forest
 - B. State Boundaries
 - C. Waste land
 - D. Settlements
32. The densest layer containing 75% of the total mass of the atmosphere is
- A. Thermosphere
 - B. Troposphere
 - C. Stratosphere
 - D. Mesosphere
33. The ratio between the absolute humidity of air and its maximum capacity to hold moisture at a given temperature is referred to as
- A. Relative humidity
 - B. Dew point
 - C. Humidity
 - D. Absolute humidity
34. Morning Star is the name given to
- A. Pole Star
 - B. Star Sirius
 - C. Planet Jupiter
 - D. Planet Venus
35. The time taken by the moon to complete one revolution around the Earth is
- A. 1 year
 - B. 27 days
 - C. 1 week
 - D. 10 years
36. Plains are thickly populated due to the
- A. The absence of fertile soil
 - B. Less development
 - C. Favorable condition of agriculture
 - D. Presence of steep slopes
37. In desert areas, water vapour content is
- A. Different
 - B. Higher
 - C. Low
 - D. Constant
38. Greenhouse effect refers to:
- A. Ability of atmosphere to retain water vapour
 - B. Ability of certain atmospheric gases to trap heat and keep the planet relatively warm
 - C. Ability of cloud to scatter electromagnetic radiation
 - D. None of the above

39. This instrument is used to measure



- A. Direction of wind
- B. Atmospheric Pressure
- C. Humidity
- D. Temperature

40. The place at which Blue Nile and White Nile meet to form River Nile is

- A. Khartoum
- B. Lagos
- C. Cairo
- D. Juba

SECTION D -ACHIEVERS' SECTION

41. The first of a month is the new moon day. On fifteenth of the same month, which of the following figures would represent the phase of the moon?



(a)



(b)



(c)



(d)

42. Observe the picture and find out the layer in which most meteors burn up

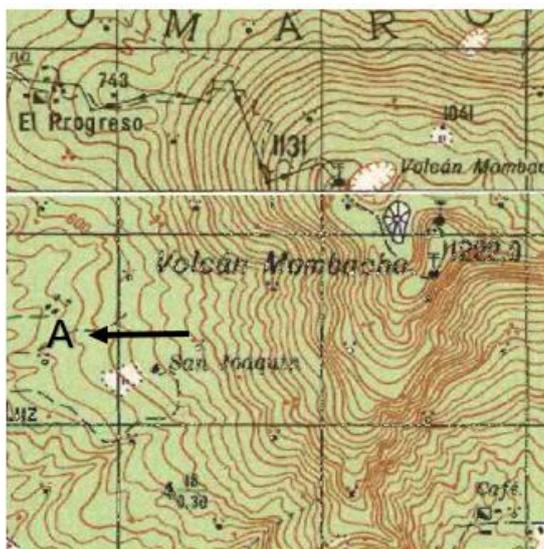


- A. Exosphere
- B. Stratosphere
- C. Mesosphere
- D. Troposphere

43. Which one of these statements does not describe Cottage Industry?

- A. Industry set up at the house of the owner
- B. Industry that provides rural employment
- C. Industries that require huge capital investment
- D. Industries that help to preserve the cultural heritage of the region.

44. Observe the picture of the topographical sheet and name the line 'A'.



- A. Contour
- B. Settlement
- C. Telegraph Line
- D. Metalled Road

45. Read the following statements with reference to soil.

- (i) Weathering is very fast process of soil formation.
- (ii) Percolation of water is faster in sandy soil.
- (iii) Loamy soil contains only sand and clay.
- (iv) Top soil contains the maximum amount of humus

Choose the correct statements from the above.

- A. (ii) and (iv)
- B. (ii) and (iii)
- C. (i) and (iii)
- D. (i) and (ii)

46. Clay minerals are formed predominately from the hydrolysis of

- A. Feldspars
- B. Non-silicate minerals.
- C. Quartz
- D. Metal ores

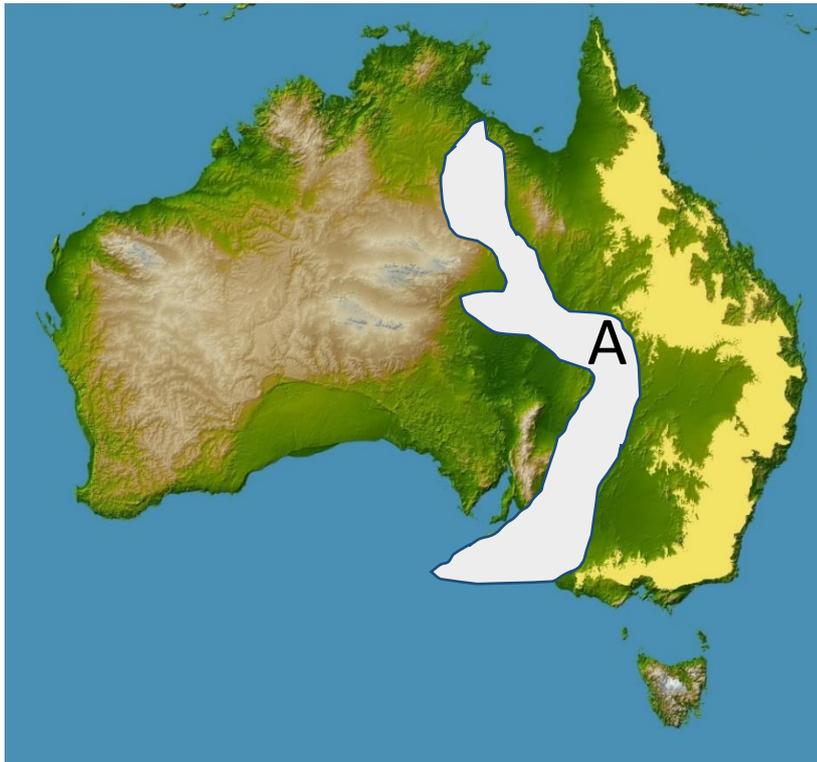
47. The heat balance of the earth is maintained by

- A. Scattering of solar radiation in the atmosphere
- B. Transfer of heat by air and water from one region to another
- C. Absorption by the earth
- D. Terrestrial radiation

48. Antarctic Treaty System (ATS) was signed

- A. To put halt to the exploitation of minerals in Antarctica
- B. To protect the animals.
- C. To check on environment.
- D. To control tourist activity

49. Observe the map of Australia and identify the highland located in the location 'A'



- A. Ethiopian Highland
- B. Great Diving Range
- C. Northern Tablelands
- D. Central Highlands

50. The second research station set up by India in Antarctica is

- | | |
|----------------------|------------|
| A. Dakshina Gangotri | B. Mimyy |
| C. Maitri | D. Sobral. |