

GEOGRAPHY PART 1  
MULTIPLE CHOICE QUESTIONS

1. Which of the following are wrongly matched?
  - i. Planet nearest to the earth – Mercury
  - ii. Planet farthest from the earth – Pluto
  - iii. Planet with the most elliptical orbit – Uranus
  - iv. Planet with the slowest rotation – Neptune
  - a) i, ii and iii
  - b) i, iii and iv
  - c) ii, iii and iv
  - d) i, ii and iv
2. Assuming the directions similar to those on the earth, which planet/ planets will experience a sun rise in the West?
  - i) Mercury      ii) Uranus
  - iii) Saturn.      iv) Venus
  - a) i and ii
  - b) ii and iv
  - c) i and iv
  - d) iii and iv
3. The minimum distance between the sun and the earth occurs on
  - a) December 22
  - b) June 21
  - c) September 22
  - d) January 3
4. On the day the sun is nearest to the earth, the earth is said to be in
  - a) Aphelion
  - b) Perihelion
  - c) Apogee
  - d) Perigee
5. The earth is at its maximum distance from the sun on
  - a) July 4
  - b) January 30
  - c) September 22
  - d) December 22
6. The rate of rotation of the earth on its axis is highest on
  - a) January 3
  - b) December 22
  - c) July 4
  - d) It never changes
7. Which of the statements does not prove the spherical shape of the earth?
  - a) If the earth with flat one would come across some sharp edges
  - b) The sunrise is not visible from all places at the same time
  - c) The shadow of the earth at the time of the solar eclipse is circular
  - d) The altitude of the stars from various points on the Earth's surface varies.
8. What is the International date line?
  - a) It is the equator
  - b) It is the 0° longitude
  - c) It is the 90° east longitude
  - d) It is the 180° longitude
9. What is the relationship between solar day and sidereal day?
  - a) Both are equal
  - b) Solar day is longer than sidereal day
  - c) Solar day is shorter than sidereal day
  - d) There is no relationship between the two
10. One Astronomical unit is the average distance between
  - a) Earth and the sun
  - b) Earth and the Moon
  - c) Jupiter and the Sun

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- d) Pluto and the Sun
11. How much of the surface of the moon is visible from the earth?
- a) More than 75%
  - b) Only about 40 %
  - c) About 59%
  - d) About 65%
12. What is the unit of measurement of the distances of stars from the earth?
- a) Light year
  - b) Fathoms
  - c) Nautical miles
  - d) Kilometres
13. On the surface of the moon, the
- a) Mass and weight become lesser
  - b) Much remains constant and only the weight is lesser
  - c) Only the mass is lesser
  - d) Mass and weight both remain unchanged
14. Light from the nearest star reaches the earth in
- a) 4.3 seconds
  - b) 4.3 minutes
  - c) 43 minutes
  - d) 4.3 years
15. Which comet appears every 76 years?
- a) Hailey's
  - b) Holme's
  - c) Donati's
  - d) Alpha Centauri
16. The moon's period of revelation with reference to the sun is
- a) Equal to one solar month
  - b) Equal to one sidereal month
  - c) Equal to one synodic month
  - d) None of these
17. Will you always see the same face of the moon because
- a) It is smaller than the earth
  - b) It revolves on its axis in a direction opposite to that of the earth
  - c) It takes equal times for both revolution around the earth and rotation on its own axis
  - d) It rotates at the same speed as the earth around the sun
18. On which days do the spring tides occur?
- i) new moon
  - ii) first quarter of the moon
  - iii) third quarter of the moon
  - iv) full moon
- a) i, ii and iv.
  - b) ii, iii and iv
  - c) i and iv
  - d) ii and iii
19. What is a tidal bore?
- a) A tidal wave resulting from seismic activity
  - b) A deposit of sand in coastal areas
  - c) A formation of polyps just above high tide level
  - d) A high tidal wave moving upstream in the mouth of a river
20. Which of the following are wrongly matched?
- i) Tropic of cancer --  $23\frac{1}{2}^{\circ}$  N Latitude
  - ii) Tropic of Capricorn –  $66\frac{1}{2}^{\circ}$  N Latitude
  - iii) International date line— $0^{\circ}$  longitude
  - iv) Antarctic Circle –  $66\frac{1}{2}^{\circ}$  S Latitude
- a) i
  - b) ii and iii
  - c) i,ii and iv
  - d) None of these

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21. Which of the following will never get the vertical rays of the sun?
- Srinagar
  - Mumbai
  - Chennai
  - Thiruvananthapuram
22. The longest day in Australia will be on
- June 21
  - September 22
  - December 22
  - March 23
23. The difference in the duration of day and night increases as one moves from the \_\_\_\_\_ to the \_\_\_\_\_
- Equator, poles
  - Poles, Equator
  - Tropic of Cancer, Equator
  - Tropic of Cancer, Tropic of Capricorn
24. Which of the following is wrong?
- The sun never shines vertically beyond the tropics
  - At the poles there is light for half the year
  - The sun shines vertically over the tropic of cancer at the time of the winter solstice
  - When the sun shines vertically over the equator it is called an equinox.
25. Which of the following are wrongly match?
- Summer solstice ----- March 21
  - winter solstice----- December 22
  - Autumnal equinox ----- June 21
  - Vernal equinox ----September 23
- i,ii and iii    b)ii,iii and iv
  - i,iii and iv    d)j,ii and iv
26. Which place will experience sunlight for the longest period in summer?
- Mumbai
  - Srinagar
  - Chennai
  - Kolkata
27. The South Pole experiences continuous light at the time of
- Winter solstice
  - Summer solstice
  - Vernal equinox
  - Autumnal equinox
28. Name of the planets whose position, in terms of distance from the sun, keeps changing.
- Uranus.    ii) Jupiter
  - iii) Neptune    iv) Pluto
- i and iv    b)ii and iii
  - iii and iv    d)i and iv
29. A person planning to travel via the shortest route should follow
- The winds
  - The rivers
  - The latitudes
  - The longitude
30. A day is added when one crosses
- They could tell from north to South
  - 180° longitude from West to east
  - 180° longitude from east to West
  - The equator from South to north
31. The order of the layers in the atmosphere, upwards from the below, is \_
- Stratosphere, troposphere ionosphere and exosphere

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- b. Exosphere, ionosphere, troposphere and Stratosphere
- c. Troposphere, Stratosphere, ionosphere and exosphere
- d. Troposphere, magnetosphere, Stratosphere and exosphere
32. The most prominent gases in the atmosphere, in terms of volume, are
- a. Nitrogen and methane
- b. Nitrogen and Oxygen
- c. Oxygen and carbon dioxide
- d. Hydrogen and Nitrogen
33. The most of the weather phenomena take place in the
- a. Stratosphere
- b. Troposphere
- c. Tropopause
- d. Ionosphere
34. Which layer of the atmosphere maintains an almost uniform horizontal temperature?
- a. Troposphere
- b. Tropopause
- c. Stratosphere
- d. All of these
35. The thickness of the troposphere increases in
- a. Summer
- b. Winter
- c. Spring
- d. Autumn
36. Who is gas in the atmosphere absorb ultraviolet rays?
- a. Methane
- b. Nitrogen
- c. Ozone
- d. Helium
37. Fall in air temperature with increasing elevation is known as
- a. Thermal anomaly
- b. Thermal reduction
- c. Temperature fall
- d. Lapse rate
38. Who is the doldrums belt located?
- a. Near the equator
- b. Near the polar areas
- c. On the tropic of Cancer
- d. On the tropic of Capricorn
39. What is the name given to winds blowing from subtropical high pressure regions, to the equator?
- a. Westerlies
- b. Tropical Easterlines
- c. High Latitude Easterline
- d. Doldrums
40. 'Horse latitudes' is the term applied to the
- a) 0° -- 5° N and S
- b) Polar circles
- c) 30° -- 40° N and S
- d) 40° -- 60° N and S
41. The stratosphere is said to be ideal for flying jet aircraft. his is because
- a) This layer is rich in ozone which reduce fuel consumption
- b) the temperature is constant an ideal for aircraft engine efficiency
- c) This player is out of the firing range of anti aircraft guns
- d) of the absence of clouds an other weather phenomena
42. Whose factors do not affect the amount of insolation?
- i) solar constant

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- ii) surface temperature
- iii) length of day
- iv) rotation of the earth

- a) i and iii
- b) ii and iv
- c) iii and iv
- d) ii, iii and iv

43. The velocity of winds is governed by

- a) Pressure gradient
- b) Farrel's law
- c) Rotation of the earth
- d) Temperature

44. Over which region is the temperature the highest near the Tropopause?

- a) Around the equator
- b) Over the Arctic region
- c) Near the tropic of Capricorn
- d) Near the tropic of Cancer

45. Identify the factors responsible for change in seasons on the earth's surface.

- i) rotation of the earth
- ii) revolution of the earth
- iii) inclination of the axis of the earth
- iv) rotation of the sun

- a) i and iii
- b) ii and iii
- c) i and ii
- d) i,ii and iv

46. Adding the planets correctly in decreasing order in terms of number of their satellites.

- i) Uranus      ii) Jupiter
- iii) Saturn    iv) Mars

- a) ii, iii, i, iv
- b) iv, ii, iii, i
- c) ii, iii, iv, i

- d) iii, ii, i, iv

47. Identify the sedimentary rocks?

- i) basalt    ii) limestone
- iii) shale    iv) granite    v) quartzite
- a) i and ii    b) ii and iii
- c) ii and v    d) iii and iv

48. Name of the instrument used for measuring humidity?

- a) barometer
- b) thermometer
- c) hygrometer
- d) hydrometer

49. Which of the following are not a planetary wind?

- a) Easterlines
- b) westerlies
- c) drainage winds
- d) trade winds

50. How much pressure is exerted by the atmosphere at sea level?

- a) 1 kg/cm<sup>2</sup>
- b) 1 pound/cm<sup>2</sup>
- c) 5 kg/cm<sup>2</sup>
- d) 2 kg/cm<sup>2</sup>

Answers :-

1. b	2. b	3. d	4. b	5. a
6. d	7. c	8. d	9. b	10. a
11. c	12. a	13. b	14. d	15. a
16. c	17. c	18. c	19. d	20. b
21. a	22. c	23. a	24. c	25. c
26. b	27. a	28. c	29. d	30. c
31. c	32. b	33. b	34. c	35. a
36. c	37. d	38. a	39. b	40. c
41. d	42. b	43. a	44. b	45. b
46. d	47. b	48. c	49. c	50. a