

# World Geography

## Exercise

- Which one of the following is NOT a coastal depositional feature? **[NDA-I, 2018]**
  - Tombolo
  - Sand bar
  - Stack
  - Spit
- Which one of the following devices is used to measure atmospheric pressure? **[NDA-I, 2018]**
  - Ammeter
  - Barometer
  - Potentiometer
  - Lactometer
- Which one of the following is the driest desert of the world? **[NDA-I, 2018]**
  - Atacama
  - Gobi
  - Sahara
  - Kalahari
- Consider the following statements: **[NDA-I, 2018]**
  - The doldrums is a low pressure area around Equator where the prevailing winds are calm.
  - Chinook is a hot and dry wind that blows in winter and therefore raises the temperature in a short time.

Which of the statements given above is/are correct?

  - 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- Consider the following statements about Roaring Forties: **[NDA-I, 2018]**
  - They are strong Westerly winds found in the oceans of Southern Hemisphere.
  - The strong east to west air currents are caused by the combination of air being displaced from the Equator towards the South Pole and the earth's rotation and abundance of landmasses to serve as wind breaks.

Which of the statements given above is/are correct?

  - 1 only
  - 2 only
  - Both 1 and 2
  - Neither 1 nor 2
- Consider the following characteristics of a tropical cyclone: **[NDA-II, 2017]**
  - A warm sea temperature of  $> 26^{\circ}\text{C}$
  - High relative humidity of atmosphere at a height of  $> 700\text{ m}$
  - Atmospheric instability

The above mentioned characteristics are associated with which one of the following cycles of its development?

  - Formulation and initial stage
  - Modification stage
  - Full maturity
  - Decay
- Where is Mekong Delta located? **[NDA-II, 2017]**
  - Thailand
  - Cambodia
  - Myanmar
  - Vietnam
- The Coriolis effect is the result of **[NDA-II, 2017]**
  - Pressure gradient
  - Earth's axis of inclination
  - Earth's rotation
  - Earth's revolution
- Which one of the following is not an igneous rock? **[NDA-II, 2017]**
  - Gabbro
  - Granite
  - Dolomite
  - Basalt
- Which one of the following is a cause of acid rains? **[NDA-II, 2017]**
  - Ozone
  - Ammonia
  - Sulphur dioxide
  - Carbon monoxide
- Which one of the following gases is placed second in respect of abundance in the Earth's atmosphere? **[NDA-II, 2017]**
  - Oxygen
  - Hydrogen
  - Nitrogen
  - Carbon dioxide

## World Geography

12. Which one of the following statements about a satellite orbiting around the Earth is correct? [NDA-II, 2017]
- Satellite is kept in orbit by remote control from ground station.
  - Satellite is kept in orbit by retro-rocket and solar energy keeps it moving around the Earth.
  - Satellite requires energy from solar panels and solid fuels for orbiting.
  - Satellite does not require any energy for orbiting.
13. Light year is a measure of [NDA-II, 2017]
- time
  - distance
  - total amount of light falling on the Earth in a year
  - average intensity of light falling on the Earth in a year
14. Water boils at a lower temperature at high altitudes, because [NDA-II, 2017]
- the air pressure is less
  - outside temperature is less
  - latent heat is less
  - None of the above
15. How long does light take to reach the Earth from the Sun? [NDA-II, 2017]
- About 4 minutes
  - About 8 minutes
  - About 24 minutes
  - About 24 hours
16. Which of the following statements about magnetite ore of iron is/are correct? [NDA-II, 2017]
- It is known as black ore.
  - It contains 60% to 70% of pure iron.
  - It possesses magnetic properties.
- Select the correct answer using the codes given below:
- 1 only
  - 2 and 3 only
  - 1 and 3 only
  - 1, 2 and 3
17. The shortest day length that occurs in the Northern hemisphere is on [NDA-II, 2017]
- 21st March
  - 23rd September
  - 22nd November
  - 22nd December
18. Taklamakan Desert is situated in [NDA-II, 2017]
- Western Asia
  - Southern fringe of Sahara in Africa
  - South America
  - Central Asia
19. Mariana Trench is located in the ocean floor of [NDA-II, 2017]
- Southern Atlantic Ocean
  - Western Pacific Ocean
  - Eastern Pacific Ocean
  - Northern Atlantic Ocean
20. Match List I with List II and select the correct answer using the code given below the Lists: [NDA-I, 2017]
- List-I (Classification of resources)**
- Basic inexhaustible resource
  - Conventional non-renewable resource
  - Non-consumable resource
  - Non-conventional non-renewable resource
- List-II (Example)**
- Hydel power
  - Coal
  - Solar energy
  - Natural gas
- Codes:**
- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 3 2 1 4 | (b) 3 1 2 4 |
| (c) 4 1 2 3 | (d) 4 2 1 3 |
21. Consider the following statements pertaining to Coffee plantation in India : [NDA-I, 2017]
- Need warm and moist climate with a spell of dry weather during the ripening period
  - Rolling fields having good drainage
  - Strong sunning over hilly slopes exceeding temperature 35°C.
  - Karnataka is the leading producer in India.
- Which of the statements given above are correct?
- 1 and 4 only
  - 1, 2 and 3
  - 3 and 4
  - 1, 2 and 4
22. Match List I with List II and select the correct answer using the code given below the Lists: [NDA-I, 2017]
- List-I (Industry)**
- Petrochemical
  - Aircraft
  - Machine tools
  - Cotton textiles
- List-II (Place)**
- Coimbatore
  - Pinjore
  - Bengaluru
  - Bongaigaon
- Codes:**
- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 4 3 2 1 | (b) 4 2 3 1 |
| (c) 1 2 3 4 | (d) 1 3 2 4 |
23. Which of the following statement(s) concerning natural regions of the world is/are correct? [NDA-II, 2016]
- Equatorial climate regions have less urbanization
  - Mediterranean climatic region have high level of urbanization
  - Equatorial climatic regions have high concentration of human population
  - Mediterranean climate regions practice plantation farming
- Select the correct answer using the code given below :
- 1 and 2 only
  - 1, 2 and 3
  - 2 and 4
  - 1 only

24. Which of the following statements concerning temperature is/are correct? [NDA-II, 2016]

1. In winter season isotherms in Northern Hemisphere are more or less circular on continents.
2. Isotherms are parallel to latitude in Southern Hemisphere in oceans
3. Minimum temperature during winter is recorded in Northern Canada

Select the correct answer using the code given below :

- (a) 1 and 2 only                      (b) 1 and 3 only  
(c) 1, 2 and 3                        (d) 2 only

25. Match List I with List II and select the correct answer using the code given below the Lists: [NDA-II, 2016]

List I (Geomorphic Agent)	List II (Feature)
A. Ground water	1. Plunge pool
B. Running water	2. Horns
C. Glacier	3. Plays
D. Wind	4. Lapias
A B C D	A B C D
(a) 4 1 2 3	(b) 3 2 1 4
(c) 3 1 2 4	(d) 4 2 1 3

26. Which one of the following is the correct descending order of countries in terms of per capita availability of arable land? [NDA-II, 2016]

- (a) India - China - Brazil (b) China - Brazil - India  
(c) Brazil - China - India (d) Brazil - India - China

27. Which of the following statements concerning Mediterranean climatic region are correct? [NDA-II, 2016]

1. It is found in the latitude range 30° to 45° northern and southern hemisphere
2. Mediterranean climate experiences extreme temperature conditions.
3. In Mediterranean climate, rainfall occurs mainly during summer season
4. Mediterranean climate, rainfall is mainly due to westerlies.

Select the correct answer using the code given below:

- (a) 1, 2 and 4                      (b) 1 and 4 only  
(c) 1, 2 and 3                        (d) 3 and 4

28. The free fall acceleration  $g$  increases as one proceeds, at sea level, from the equator toward either pole. The reason is [NDA-II, 2016]

- (a) Earth is a sphere with same density everywhere
- (b) Earth is a sphere with different density at the polar regions than in the equatorial regions
- (c) Earth is approximately an ellipsoid having its equatorial radius greater than its polar radius by 21 km
- (d) Earth is approximately an ellipsoid having its equatorial radius smaller than its polar radius by 21 km.

29. With reference to biodiversity, which of the following statements is/are correct? [NDA-II, 2016]

1. Species richness and high degree of endemism are important criteria for identifying biodiversity hot spots.
2. Species diversity is highest in the tropics and decreases down the poles.
3. Biodiversity conservation may be in situ as well as ex situ.

Select the correct answer using the code given below:

- (a) 1 only                              (b) 2 and 3 only  
(c) 1 and 3 only                        (d) 1 and 3 only

30. Match List I with List II and select the correct answer using the code given below the Lists: [NDA-II, 2016]

List I (River)	List II (Mouth of the river)
A. Danube	1. North sea
B. Rhine	2. Black sea
C. Rhone	3. Bay of Biscay
D. Loire	4. Mediterranean sea

**Codes:**

- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 2 1 4 3 | (b) 3 4 1 2 |
| (c) 2 4 1 3 | (d) 3 1 4 2 |

31. In which one of the following countries, the Mediterranean type of Biome is found? [NDA-II, 2016]

- (a) Chile                              (b) Argentina  
(c) Kenya                            (d) Bolivia

32. 'Sahel' region of Sahara desert is associated with [NDA-II, 2016]

- (a) core area of Sahara desert
- (b) southern moving edge of Sahara desert
- (c) northern fringe of Sahara desert bordering Mediterranean sea
- (d) another name of Sahara desert

**Direction:** The following 1 (one) item consists of two statements, Statement I and Statement II. Examine these two statements carefully and select the correct answer using the code given below :

**Code:**

- (a) Both the statements are individually true and Statement II is the correct explanation of Statement I.
- (b) Both the statements are individually true and Statement II is NOT the correct explanation of Statement I.
- (c) Statement I is true but Statement II is false.
- (d) Statement I is false but Statement II is true.

33. **Statement I:** Ozone is a tri-atomic molecule of oxygen.

**Statement II:** Ozone is concentrated mainly in stratosphere. [NDA-II, 2016]

## World Geography

34. 'Sal' tree is a [NDA-I, 2016]  
 (a) Tropical evergreen tree  
 (b) Tropical semi-evergreen tree  
 (c) Dry deciduous tree  
 (d) Moist deciduous tree
35. Spruce and Cedar are tree varieties of [NDA-I, 2016]  
 (a) Equatorial forest  
 (b) Temperate coniferous forest  
 (c) Monsoon forest  
 (d) Temperate deciduous forest
36. Which of the following statements in the context of northern hemisphere is/are correct? [NDA-I, 2016]  
 1. Vernal equinox occurs on March 21.  
 2. Summer solstice occurs on December 22.  
 3. Autumnal equinox occurs on September 23.  
 4. Winter solstice occurs on June 21.  
 Select the correct answer using the code given below:  
 (a) 1 only (b) 1 and 3 only  
 (c) 2 and 4 only (d) 1, 2 and 3 only
37. Which one of the following is a conventional energy source? [NDA-I, 2016]  
 (a) Tidal energy (b) Geothermal energy  
 (c) Solar energy (d) Biomass energy
38. Which one of the following is not an international boundary line? [NDA-I, 2016]  
 (a) Dresden Line (b) Durand Line  
 (c) Maginot Line (d) 38th Parallel
39. The brightness of a star depends on its [NDA-I, 2016]  
 (a) size and temperature only  
 (b) size and distance from the earth  
 (c) size, temperature and mass  
 (d) size, temperature and distance from the earth
40. During solar eclipse [NDA-I, 2016]  
 (a) the earth comes in between the sun and the moon.  
 (b) the moon comes in between the sun and the earth.  
 (c) the moon comes exactly halfway between the earth and the sun.  
 (d) the sun comes in between the earth and the moon.
- Direction:** The following 3 (three) items consist of two statements, Statement I and Statement II. Examine these two statements carefully and select the correct answer using the code given below :
- Code:**  
 (a) Both the statements are individually true and Statement II is the correct explanation of Statement I.  
 (b) Both the statements are individually true and Statement II is NOT the correct explanation of Statement I.  
 (c) Statement I is true but Statement II is false.  
 (d) Statement I is false but Statement II is true.
41. **Statement I:** Plantation farming has mostly been practised in humid tropics. [NDA-I, 2016]  
**Statement II:** The soil of humid tropics is highly fertile.
42. **Statement I:** Volcanic eruption is accompanied by earthquakes. [NDA-I, 2016]  
**Statement II:** Volcanoes erupt water vapours and dust particles in the atmosphere.
43. **Statement I:** There is high salinity in Red Sea. [NDA-I, 2016]  
**Statement II:** Rate of evaporation is high in Red Sea.
44. According to the Geo-scientists, the shape of the earth is: [NDA-II, 2015]  
 1. round  
 2. spherical  
 3. close to that of a sphere  
 4. an oblate ellipsoid  
 Select the correct answer using the code given below:  
 (a) 2, 3 and 4 (b) 1, 2 and 3  
 (c) 1 and 2 only (d) 3 and 4 only
45. Which one of the following statements is not correct? [NDA-II, 2015]  
 (a) Application of lime makes the soil acidic  
 (b) High acidity in soil is typical of humid climate  
 (c) Increasing soil acidity results in declining soil fertility  
 (d) Arid climate is characterized by alkaline soil
46. Which one of the following pairs of properties of typical air masses is correct? [NDA-II, 2015]
- | Air Mass                 | Source Region                         |
|--------------------------|---------------------------------------|
| (a) Maritime Equatorial  | Warm oceans in the equatorial zone    |
| (b) Maritime Polar       | Warm oceans in the tropical zone      |
| (c) Continental Tropical | Less warm oceans in the tropical zone |
| (d) Continental Polar    | Moist oceans in the polar zone        |
47. Match List I with List II and select the correct answer using the code given below the Lists: [NDA-II, 2015]  
**List I (Low-Latitude Climate)**  
 A. Wet Equatorial  
 B. Monsoon and trade wind coastal  
 C. Wet-dry tropical  
 D. Dry tropical  
**List II (Characteristic)**  
 1. Uniform temperatures, mean near 27 °C  
 2. Marked temperature cycle with very high temperature before the rainy season  
 3. Temperatures show an annual cycle with high temperature in the Sun season



## World Geography

In which one among the following lettered area of the diagram would erosion most likely change the shapes of the riverbed?

- (a) A (b) B  
(c) C (d) D

60. Match List I with List II and select the correct answer using the code given below the Lists: [NDA-I, 2015]

**List I (Island)**

- A. Continental island B. Coral island  
C. Volcanic island D. Mountain island

**List II (Location)**

1. Mauritius  
2. Madagascar  
3. Andaman and Nicobar islands  
4. Maldives

**Codes:**

- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 2 4 1 3 | (b) 2 1 4 3 |
| (c) 3 1 4 2 | (d) 3 4 1 2 |

61. Which one of the following weather conditions indicates a sudden fall in barometer reading? [NDA-I, 2015]

- (a) Stormy weather (b) Calm weather  
(c) Cold and dry weather (d) Hot and sunny weather

62. Match List I with List II and select the correct answer using the code given below the Lists: [NDA-I, 2015]

**List I (Region)**

- A. Selvas B. Savannas  
C. Taiga D. Tundra

**List II (Vegetation)**

1. Conifers 2. Mosses and Lichens  
3. Epiphytes 4. Grasses and trees

**Codes:**

- |             |             |
|-------------|-------------|
| A B C D     | A B C D     |
| (a) 4 1 2 3 | (b) 3 2 1 4 |
| (c) 3 4 1 2 | (d) 4 2 1 3 |

63. The luxuriant growth of natural vegetation in tropical rainforest is due to [NDA-I, 2015]

1. fertile soil.  
2. hot and wet climate throughout the year.  
3. intense sunlight for photosynthesis.  
4. seasonal change to facilitate nutrient absorption.

Select the correct answer using the code given below:

- (a) 1 and 4 only (b) 2 and 3 only  
(c) 1, 2 and 3 only (d) 1, 2, 3 and 4

64. A farmer in a semi-arid area claims that his farming practice is very environment friendly. Which of the following practices on his farm can justify his claim? [NDA-I, 2015]

1. Planting a tree belt.

2. Practising crop rotation.  
3. Carrying out a large scale irrigation system.  
4. Using organic fertilizers.

Select the correct answer using the code given below :

- (a) 3 and 4 only (b) 1, 2 and 4  
(c) 1, 3 and 4 (d) 1 and 2 only

65. 'Yakuts' are the nomadic herders of [NDA-I, 2015]

- (a) Gobi (b) Sahara Y  
(c) Tundra (d) Kalahari

66. To a perpendicular to the plane of ecliptic, Earth's axis of rotation makes an angle of  $23 \times 1/2$  degrees. Had this angle been zero degree, which one among the following would result? [NDA-I, 2015]

- (a) There would have been no season  
(b) The length of day and night would have been the same throughout the year  
(c) The length of the day and night would have been the same all over the earth  
(d) All of the above

67. Which of the following sequences is correct for rainfall? [NDA-II, 2014]

- (a) Slow ascent of air – slow condensation – heavy downpour  
(b) Rapid ascent of air – large raindrops – heavy downpour  
(c) Pressure decreased – air compressed – heavy downpour  
(d) Descent of air – air warmed – heavy downpour

68. Movements of tides are mostly determined by [NDA-II, 2014]

- (a) albedo effect (b) wind velocity  
(c) rotation of the Earth (d) revolution of the Earth

69. A thermodynamic process where no heat is exchanged with the surroundings is [NDA-II, 2014]

- (a) isothermal (b) adiabatic  
(c) isobaric (d) isotropic

70. In the term GIS, 'G' stands for [NDA-II, 2014]

- (a) Global (b) Geographical  
(c) Goodness (d) Geological

71. Which one of the following is a warm ocean current? [NDA-II, 2014]

- (a) Labrador current (b) Kuroshio current  
(c) Peru current (d) Benguela current

72. The permanent wind that blows from the horse latitude to the equatorial region is known as [NDA-II, 2014]

- (a) westerly (d) Trade wind  
(c) doldrum (d) easterly

73. Quartzite is metamorphosed from [NDA-II, 2014]

- (a) limestone (b) plutonic rock  
(c) sandstone (d) shale



## World Geography

86. Taungup Pass is a mountain corridor connecting India [NDA-I, 2014]  
 (a) Afghanistan (b) China  
 (c) Pakistan (d) Myanmar
87. Consider the following surface winds: [NDA-I, 2014]  
 1. Doldrums 2. Trade winds  
 3. Westerlies 4. Polar winds  
 Which one among the following is the idealized global pattern of these winds from the Equator to the Pole?  
 (a) 1-2-3-4 (b) 1-3-2-4  
 (c) 2-1-4-3 (d) 3-1-2-4
88. The summer and winter seasons in a year are caused by [NDA-I, 2014]  
 (a) aphelion (farthest) and perihelion (nearest) positions of the Earth from the Sun during the annual  
 (b) revolution rotation of the Earth on its axis  
 (c) variation in solar insolation  
 (d) revolution of the Earth on its inclined axis.
- Direction:** The following 4 (four) items consist of two statements, Statement I and Statement II. Examine these two statements carefully and select the correct answer using the code given below :
- Code:**  
 (a) Both the statements are individually true and Statement II is the correct explanation of Statement I.  
 (b) Both the statements are individually true and Statement II is NOT the correct explanation of Statement I.  
 (c) Statement I is true but Statement II is false.  
 (d) Statement I is false but Statement II is true.
89. **Statement I:** Chemical weathering processes are found more active in hot and humid environment.  
**Statement II:** High temperature and rainfall help in the process of decomposition of rocks. [NDA-I, 2014]
90. **Statement I:** The decrease of air temperature with increasing altitudes in the atmosphere is called the vertical temperature gradient.  
**Statement II:** In Troposphere, air temperature decreases with increasing altitude due to radiation from the Earth. [NDA-I, 2014]
91. **Statement I:** The hills with dense vegetation cover do not experience heavy soil erosion.  
**Statement II:** The vegetation cover helps infiltration of rainwater and binding of soils. [NDA-I, 2014]
92. **Statement I:** Minerals are formed by slow cooling of the magma.  
**Statement II:** Very small crystals are formed when lava cools quickly on the surface. [NDA-I, 2014]
93. Which one among the following is not a factor that affects direction of wind? [NDA-II, 2013]  
 (a) Pressure gradient (c) Magnetism  
 (b) Friction (d) Coriolis effect
94. Which one, among the following atmospheric gases, filters out most of the ultraviolet radiation of the Sun? [NDA-II, 2013]  
 (a) Oxygen (b) Nitrogen  
 (c) Helium (d) Ozone
95. Which of the following is the main characteristic of Mediterranean climate? [NDA-II, 2013]  
 (a) High temperature throughout the year  
 (b) Rainfall throughout the year  
 (c) Rain in winter season  
 (d) Convictional rain
96. The term 'albedo' implies the [NDA-II, 2013]  
 (a) capacity to absorb solar radiation.  
 (b) capacity to modify the path of solar radiation  
 (c) proportion of the shortwave solar radiation reflected by a surface.  
 (d) amount of solar radiation returned to air by a surface.
97. Which of the following statements is/are correct? [NDA-II, 2013]  
 1. Air close to the Earth's surface is heavier.  
 2. Air close to the Earth's surface contains larger quantity of water vapour and dust particles.  
 Select the correct answer using the code given below:  
 (a) 1 Only (b) 2 Only  
 (c) Both 1 and 2 (d) Neither 1 nor 2
98. Which one among the following terms is used to describe a plant that grows only in a mountainous environment? [NDA-II, 2013]  
 (a) Orophyte (b) Geophyte  
 (c) Epiphyte (d) Bryophyte
99. Which of the following statements about tornadoes are correct? [NDA-II, 2013]  
 Tornadoes usually spin  
 1. anticlockwise in the northern hemisphere.  
 2. clockwise in the southern hemisphere.  
 3. clockwise in the northern hemisphere.  
 4. anticlockwise in the southern hemisphere.  
 Select the correct answer using the code given below:  
 (a) 1 and 3 (b) 1 and 2  
 (c) 2 and 4 (d) 2 and 3
100. What would be the date and local time of a place located at 88°30' E longitude when the local time at 0° longitude is 19.00 hrs. of 28th February 2013? [NDA-II, 2013]  
 (a) 23-54 hrs. of 28th February  
 (b) 00-54 hrs. of 1st March  
 (c) 23-30 hrs. of 28th February  
 (d) 00-44 hrs. of 1st March

## ANSWERS

1.	(c)	2.	(b)	3.	(a)	4.	(c)	5.	(a)	6.	(a)	7.	(d)	8.	(c)	9.	(c)	10.	(c)
11.	(a)	12.	(d)	13.	(b)	14.	(b)	15.	(c)	16.	(d)	17.	(d)	18.	(d)	19.	(b)	20.	(d)
21.	(d)	22.	(c)	23.	(a)	24.	(a)	25.	(a)	26.	(d)	27.	(b)	28.	(c)	29.	(c)	30.	(a)
31.	(c)	32.	(b)	33.	(b)	34.	(d)	35.	(b)	36.	(b)	37.	(d)	38.	(a)	39.	(d)	40.	(b)
41.	(c)	42.	(b)	43.	(a)	44.	(d)	45.	(a)	46.	(a)	47.	(d)	48.	(a)	49.	(c)	50.	(b)
51.	(d)	52.	(b)	53.	(b)	54.	(c)	55.	(d)	56.	(b)	57.	(d)	58.	(c)	59.	(b)	60.	(a)
61.	(a)	62.	(c)	63.	(b)	64.	(b)	65.	(c)	66.	(a)	67.	(b)	68.	(c)	69.	(a)	70.	(b)
71.	(b)	72.	(b)	73.	(c)	74.	(a)	75.	(a)	76.	(c)	77.	(c)	78.	(a)	79.	(a)	80.	(d)
81.	(b)	82.	(a)	83.	(b)	84.	(a)	85.	(d)	86.	(d)	87.	(a)	88.	(d)	89.	(a)	90.	(b)
91.	(a)	92.	(b)	93.	(c)	94.	(d)	95.	(c)	96.	(c)	97.	(c)	98.	(a)	99.	(b)	100.	(b)