



# VIDHVATH ACADEMY FOR COMPETITIVE EXAMS

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## **VIDHVATH NCERT TEST-VPT009** **6<sup>TH</sup> STD- THE EARTH OUR HABITAT** **7<sup>TH</sup> STD- OUR ENVIRONMENT** **8<sup>TH</sup> STD- RESOURCE AND DEVELOPMENT** **SYNOPSIS**

***Time Allowed: 40 mins***

***Maximum Marks: 80***

1. Which of the following statements is/are incorrect about the Earth Crust?

1. Earth Crust is thicker beneath the ocean.
2. Conorod discontinuity separates the Crust from the Mantle
3. Earth's crust is entirely composed of SIAL.

Select the correct answer using the code given below:

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

2. With reference to the Igneous rocks which of the following is/are correct?

1. They are known as primary rock.
2. Granite is an example of an igneous rock.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) 1 and 2 only
- (d) None of these

3. Consider the following statements:

1. Minerals have definite composition.
2. Minerals are both man-made and natural in nature.

Select the correct answer using the code given below:

- (a) 1 only

(b) 2 only

(c) 1 and 2 only

(d) None of these

4. Consider the following statements:

1. Sedimentary rocks are prone to landslide.
2. Igneous rocks are rocks without fossil remains.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) 1 and 2 only
- (d) None of these

5. With reference to the lithosphere, which of the following statements is/are incorrect?

1. It contains only continental crust.
2. It is the first layer of the Earth atmosphere.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) 1 and 2 only
- (d) None of these

6. Consider the following statements:

1. The environment is a constant entity.
2. The environment is a combination of natural and human-made phenomena.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) 1 and 2 only
- (d) None of these

7. Which of the following is/are examples of the natural ecosystem?

- 1. Park
- 2. Zoo
- 3. Desert
- 4. Aquarium
- 5. Oceans.

Select the correct answer using the code given below:

- (a) 1, 3, and 5 only
- (b) 3 and 5 only
- (c) 1, 2, 3 and 5 only
- (d) 5 only.

8. Arrange the following gases in the decreasing order of their composition in atmosphere:

- 1. Xenon
- 2. Carbon dioxide
- 3. Argon
- 4. Oxygen
- 5. Neon

Select the correct answer using the codes below:

- (a) 4-5-3-1-3
- (b) 4-1-2-5-3
- (c) 4-2-3-5-1
- (d) 4-3-2-5-1

9. Consider the following statements with respect to water:

- 1. All lakes constitute one of the main sources of freshwater.
- 2. Out of all the other sources, groundwater is the major source of freshwater.

Which of the above given statements is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both
- (d) None

10. Consider the following statements regarding the ocean currents:

- 1. Ocean water flows constantly in an indefinite direction on the ocean surface.
- 2. Auglhas current is warm water current.

Select the correct answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) Both
- (d) None

11. In the context of the RainForest of Amazon river basin, what is 'Maloca'?

- (a) A specific type of organism found here.
- (b) The main food items of its inhabitants.
- (c) The houses built by the people living here.
- (d) Agricultural system adopted by the people here.

12. Consider the following statements:

- 1. Expressway is the underground construction of the road.
- 2. Trans-Canadian railway is the world's longest railway system.

Which of the above given statement/s is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

13. Consider the following statement about earth crust

- 1. Continental mass is mainly made up of sima.
- 2. The Oceanic Crust is mostly consisting of sial.

Which of the above statement is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) None of the above

14. With reference to the atmosphere consider the following statements

1. The atmosphere is the thin layer of air that surrounds the earth.
2. The gravitational force of the earth holds the atmosphere around it.
3. It consists of a number of gases, dust and water vapour.
4. The changes in the atmosphere produce changes in the weather and climate.

Which of the following statement is/are incorrect?

- (a) 1 and 3 only
- (b) 2 and 4 only
- (c) 3 only
- (d) None of the above

15. With reference to the Erosion and Weathering Processes, Consider the following statement

1. Erosion is the breaking up of the rocks on the earth's surface.
2. Weathering is the wearing away of the landscape by different agents like water, wind and ice.

Which of the above statement is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) None of the above

16. The distance between the earth and the moon is maximum when the moon is in:

- (a) Aphelion
- (b) Perigee
- (c) Perihelion
- (d) Apogee

17. Consider the following statements:

1. Full moon can be seen twice in a month's time.
2. New moon can be seen only during a clear night.

Select the correct answer using the codes below:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

18. Consider the following statements about solar system:

1. The sun, the moon and all those objects shining in the night sky are called celestial bodies.
2. All planets have their own natural satellites.
3. Earth is the third largest planet of the solar system.

Select the correct answer using the codes below:

- (a) 1 only
- (b) 1 and 2 only
- (c) 2 and 3 only
- (d) All of the above

19. Consider the following statements about Asteroids:

1. Asteroids are found between the orbits of Earth and Mars.
2. Ceres is the largest discovered asteroid in the solar system.
3. Asteroids also move around the Sun.

Which of the above given statement/s is/are incorrect?

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

20. Consider the following statements regarding longitude and latitude:

1. The latitudinal and longitudinal extent of India is roughly the same in terms of the number of degrees.
2. Distance between parallels of latitudes decreases towards the poles.

Which of the above statement/s is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

21. Consider the following statements with respect to Earth:

1. Rotation of earth and its tilted axis is responsible for changes in season.

2. Only half of the earth receives light from the sun at a time due to tilt of the Earth's axis.

Which of the above given statement/s is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**22.** Consider the following statements about planets:

- 1. Outer planets are very far from the sun and made up of rocks.
- 2. Inner planets are very close to the sun and made up of gases and liquids.

Which of the above given statement/s is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**23.** Christmas is celebrated in winter season but due to some geographical location some places celebrate it in summer season. Identify those places:

- 1. Australia
- 2. Mexico
- 3. New Zealand
- 4. Argentina

Select the correct answer using the codes below:

- (a) 1, 2 and 3 only
- (b) 2, 3 and 4 only
- (c) 1, 3 and 4 only
- (d) All of the above

**24.** Consider the following statements:

- 1. Africa is the only continent which is crossed by the Tropic of Cancer, the Equator and the Tropic of Capricorn.
- 2. The Sahara Desert, located in Africa, is driest desert of the world.
- 3. The Andes, world's longest mountain range, runs through North America.

Choose the correct options from the given above statements:

- (a) 1 only

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

**25.** Consider the following statements:

- 1. Aravalli hills are one of the oldest mountain ranges of the world.
- 2. Eastern Ghats are almost continuous while the Western Ghats are broken and uneven.

Which of the statement/s given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**26.** Arrange the following neighbouring countries of India in terms of decreasing land boundary:

- 1. Bangladesh
- 2. China
- 3. Myanmar
- 4. Pakistan

Chose the correct option from the given below:

- (a) Bangladesh, China, Myanmar, Pakistan
- (b) Bangladesh, China, Pakistan, Myanmar
- (c) China, Bangladesh, Myanmar, Pakistan
- (d) China, Bangladesh, Pakistan, Myanmar

**27.** Consider the following statement about "Atlantic Ocean":

- 1. It is the busiest ocean from point of view of trade.
- 2. It has an indented and irregular coastline which provides ideal location for natural harbors and ports.
- 3. It is second largest ocean of world.

Which of the above given statement/s is/are correct?

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

28. With reference to Western Ghats, consider the following statements:

1. Western Ghats have shallow continental shelves than the Eastern Ghats.
2. Average height of Western Ghats is higher vis-à-vis that of Eastern Ghats.
3. Rivers flowing in Western Ghats form fertile deltas at their mouth.

Which of the above given statement/s is/are correct?

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

29. Consider the following statements about Asia Continent.

1. Asia is the largest continent. It covers about 1/4th of the total land area of earth.
2. Asia is separated from Europe by the Ural Mountains on the South.
3. The Tropic of Cancer and equator passes through this continent.

Which of the above statement is/are correct?

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

30. Consider the following statements in the context of straits:

1. Straits are the narrow piece of land that connects two water bodies.
2. India and Sri Lanka are connected by Palk Strait.

Select the correct answer from the codes given below.

- (a) 1 Only
- (b) 2 Only
- (c) 1 & 2
- (d) None

31. Consider the following statements regarding resources:

1. All renewable resources are biotic in nature.
2. Water is a renewable resource.

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

32. Dark soil of Deccan plateau is an example of

- (a) Actual resource
- (b) Renewable resource
- (c) Ubiquitous resources
- (d) Potential resource

33. With reference to Resources, consider the following statements:

1. Anything that can be used to satisfy a need is a resource.
2. Utility or usability is what makes an object or substance a Resource.
3. All resources have the same value.

Which of the above statements is/are Correct?

- (a) 1 and 3 only
- (b) 1 and 2 only
- (c) 1 only
- (d) All of the above

34. Biotic resources are

- (a) Derived from living things
- (b) Made by human beings
- (c) Derived from non-living things
- (d) Both a and b

35. Consider the following statements regarding water:

1. Oceans cover two-thirds of the earth's surface
2. Fresh water accounts for only about 2.7 per cent.
3. Only 1 percent of freshwater is available and fit for human use.

Which of the above statements is/are Correct?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) All of the above
- (d) 2 and 3 only

**36.** Which of the following methods are used for land conservation?

1. Afforestation
2. Land reclamation
3. Sand mining
4. Regulated use of chemical pesticide and fertilisers
5. Checks on overgrazing

Select the Correct answer using the code given below:

- (a) 1 and 2 only
- (b) 1, 2, 4 and 5 only
- (c) 3 only
- (d) 3 and 4 only

**37.** Which of the following statements is/are responsible for landslide?

1. Relief
2. Slope
3. Steam action
4. Dissected surface

Select the Correct answer using the code given below:

- (a) 1 only
- (b) 1 and 2 only
- (c) 1, 2 and 3 only
- (d) All of the above

**38.** With the reference to Protected areas, Consider the following statements:

1. National Park is a series of protected areas linked through a global network, intended to demonstrate the relationship between conservation and development. While, Biosphere reserve is a natural area designated to protect the ecological integrity of one or more ecosystems for present and future generations
2. Both National parks and biosphere reserves are made to protect our natural vegetation and wildlife.

Which of the above statements is/are Correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

**39.** Consider the following statements regarding vegetation:

1. The growth of vegetation depends only on temperature and moisture.
2. As the amount of moisture decreases the size of trees and their density reduces.
3. In dry areas of low rainfall, thorny shrubs and scrubs grow

Which of the above statements is/are incorrect?

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) Neither 1 nor 2

**40.** Consider the following statements regarding minerals:

1. Minerals are evenly distributed over space.
2. They are created by natural processes without any human interference

Which of the above statements is/are Correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2