

UNIT-1

1. The word 'geography' is coined from \_\_\_\_\_ language.

- a. Latin
- b. Spanish
- c. Greek**
- d. Tamil

2. Four traditions of geography were introduced by \_\_\_\_\_.

- a. Hartshorne
- b. Gerard Mercator
- c. William D Pattison**
- d. Humboldt

3. Which one of the following is not a theme of geography?

- a. Location
- b. Place
- c. Movement
- d. Technology**

4. Systematic approach to study geography was developed by \_\_\_\_\_.

- a. Carl Ritter
- b. Humboldt**
- c. Pattison
- d. Hartshorne

5. Anthropology deals with human \_\_\_\_\_.

- a. Migration
- b. Settlements
- c. Races**
- d. Kingdoms

6. Geo1ogy is a study of \_\_\_\_\_

- a. Rocks**
- b. Minerals
- c. Petroleum
- d. Animals

7. Meteorology is a study of \_\_\_\_\_.

**a. Atmosphere**

- b. Meteors
- c. Metals
- d. Mammal

8. Astronomy is a science which deals with \_\_\_\_\_.

- a. Plants
- b. Animals
- c. Climate

**d. Celestial bodies**

9. What is the GNSS system of India called as?

- a. IRNSS**
- b. GPS
- c. GLONASS
- d. Beidou

10. Which one of the following countries first used the GPS for its military applications?

- a. Canada
- b. Germany
- c. India

**d. USA**

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UNIT – 2

1. The scientist who proposed Big Bang Theory was

- a. Abbe Georges Lemaitre**
- b. Edwin Hubble
- c. Nicholas Copernicus
- d. Aryabhata

2. \_\_\_\_\_ is called the Morning and Evening Star in the Solar system.

- a. The Mercury
- b. The Venus**
- c. The Uranus
- d. The Saturn

3. The Planet with 30 rings in the solar system is

- a. The Jupiter
- b. The Mars
- c. The Earth

**d. The Saturn**

4. The earth takes to complete one rotation.

- a. 23 hrs 56 min 4 sec**
- b. 27 hrs 17 min
- c. 24 hrs 56 min 4 sec
- d. 10 hrs 7 min

5. The windiest planet is

- a. The Saturn
- b. The Neptune**
- c. The Jupiter
- d. The Mars

6. The sun appears to be the closest to the earth on

- a. January 3**
- b. July 4
- c. September 5
- d. December 4

7. The length of day time at  $80^{\circ}$  N during summer solstice is

- a. 18hrs 27min
- b. 24 hrs (for 2 months)
- c. 24 hrs (for 4 months)**
- d. 24 hrs (for 6 months)

8. The apparent movement of the Sun is overhead the Equator twice a year on

- a. Dec 22 and Mar21
- b. Mar21 and Sep23**
- c. Jun 21 and Dec 22
- d. Sep 23 and Dec22

9. On June 21 the Sun's rays fall vertically on the

**a. The Tropic of Cancer**

b. The Tropic of Capricorn

c. The Equator

d. The Arctic Circle

10. The Prime Meridian is the centre of time zone extending between

- a.  $7\frac{1}{2}^{\circ}$  W and  $7\frac{1}{2}^{\circ}$  E longitudes**
- b.  $7\frac{1}{2}^{\circ}$  N and  $7\frac{1}{2}^{\circ}$  S
- c.  $17\frac{1}{2}^{\circ}$  W and  $17\frac{1}{2}^{\circ}$  E Longitudes
- d.  $17\frac{1}{2}^{\circ}$  N and  $17\frac{1}{2}^{\circ}$  S

### UNIT - 3

1. The term "Lithosphere" was introduced by

- a. Alfred Wegener
- b. Joseph Barrell**
- c. Alexander Von Humbolt
- d. Kiyoo Wadati

2. The boundary between the upper crust and lower crust is termed as

- a. Guttenberg margin
- b. Lehmann Boundary
- c. Conorod boundary**
- d. Mohorovicic boundary

3. Who postulated the continental drift theory?

- a. Kober
- b. Holmes
- c. Taylor
- d. Wegener**

4. Odd one out.

- a. The Eurasian plate
- b. The North American plate
- c. The Pacific plate**
- d. The African plate

5. One among the given is the deepest trench in the world.

- a. The Mariana Trench**
- b. The Sandwich Trench

- c. The Puerto Rico Trench
- d. The Sunda Trench

6. It is a type of fold where one limb is steeper than the other.

- a. Symmetrical fold
- b. Asymmetrical fold**
- c. Over turned fold
- d. Recumbent fold

7. The longest rift valley in the world is

- a. The Narmada rift valley
- b. The African rift valley**
- c. The Baikal rift valley
- d. The Rhine rift valley

8. One of the following zones accounts for 68% of the earthquakes on the surface of the earth.

- a. The Mediterranean – Himalayan zone
- b. The Circum Pacific zone**
- c. The Mid Atlantic zone
- d. The African rift valley zone

9. One among the given is the world's highest active volcano.

- a. Mt. Vesuvius
- b. Mt. Stromboli
- c. Mt. Cotopaxi**
- d. Mt. Krakatau

10. Solidified sheet-like horizontal lava layer inside the earth is called as

- a. Dyke
- b. Batholith
- c. Sill**
- d. Lacolith

#### UNIT – 4

1. Which of the following is the chemical weathering process?

- a. Exfoliation

b. Frost Wedging

**c. Carbonation**

d. Thermal expansion

2. Feldspar found in Granite changing to clay is the most common example of

- a. Oxidation
- b. Carbonation
- c. Solution
- d. Hydrolysis**

3. Which district in Tamil Nadu has the highest frequency of landslide?

- a. Nilgiris**
- b. Erode
- c. Dharmapuri
- d. Coimbatore

4. The swirling movement of the falling water into the plunge pool is called

- a. Plunge pool
- b. Groove
- c. Rapids
- d. Eddying**

5. A winding curve or bend in a river

- a. Ox-bow lake
- b. Flood plain
- c. Meander**
- d. Levees

6. A bowed or curved delta with the convex margin facing the body of water, also called as fan delta.

- a. Arcuate Delta**
- b. Bird's foot Delta
- c. Abandoned Delta
- d. Truncated Delta

7. Coleroon (Kollidam) river is a distributary of

- a. The Bhavani River
- b. The Palar River
- c. The Pennar River

**d. The Cauvery River**

8. An amphitheater-shaped hollow basin cut into a mountain ridge by glacier.

a. Arete

**b. Cirque**

c. Horn

d. Fjord

9. The formation of irregular grooves and ridges when most of the surfaces of limestone are removed by solution process.

**a. Lappies**

b. Polje

c. Cave

d. Nunataks

10. One among the given is formed when the arch is collapsed.

**a. Stack**

b. Cave

c. Blow hole

d. Wave cut platform

b. Ice quake

**c. Iceberg**

d. Sea ice

4. The ----- Ocean is the youngest ocean.

a. Indian

b. Southern

c. Arctic

**d. Atlantic**

5. Mid oceanic ridges are located on the ----  
---- plate boundaries

**a. Divergent**

b. Convergent

c. Transform

d. Subducted

6. The temperature of the sea surface is highest not near Equator but few degrees --  
----- of the Equator

a. South

b. South east

c. Northeast

**d. North**

**UNIT - 5**

1. River Ganga has its source from -----

**a. Gangotri glacier**

b. a spring

c. a laked

d. a waterfall

2. The permeable rocks that can hold water and allow water to pass through them are called -----.

a. Groundwater

b. Saturated zone

c. Rock

**d. Aquifers**

3. An ----- is ice floating in open water that has broken off from glaciers or ice shelf.

a. Ice shelf

7. ----- waves transmit energy in all three states of matter

a. Transverse

b. Longitudinal

c. Orbital

**d. Primary**

8. Tides are caused by -----

a. Rotation of earth

**b. Gravitational pull of moon and sun**

c. Planetary winds

d. Revolution of earth

9. ----- is a warm current

a. Labrador

**b. Gulf stream**

c. Oyashio

d. Circum polar drift

10. The only sea surrounded by water all sides is -----

- a. The Dead Sea
- b. The Sargasso Sea**
- c. The South China Sea
- d. The Aral Sea

#### UNIT – 6

1. Which of the following atmospheric layer known as the weather layer?

- a. Troposphere**
- b. Stratosphere
- c. Thermosphere
- d. Mesosphere

2. Which is the most suitable layer for flying Jet air craft?

- a. Troposphere
- b. Stratosphere**
- c. Mesosphere
- d. Exosphere

3. Which of the following atmospheric structure absorbs the ultra violet rays of the sun and protect the earth from intense heating?

- a. Troposphere
- b. Ozonosphere**
- c. Thermosphere
- d. Exosphere

4. An imaginary line connecting the places having equal atmospheric temperature is called

- a. Isotherm**
- b. Isohytes
- c. Isobar
- d. Contour

5. Speed of the wind is measured by

- a. Barometer
- b. Hygrometer
- c. Thermometer

**d. Anemometer**

6. What happens to atmospheric pressure with increase in altitude?

- a. It remains constant
- b. It increases
- c. It decreases**
- d. It constantly fluctuates

7. Which one of the following winds is the example of secondary winds?

- a. Trade winds
- b. Westerlies
- c. Polar easterlies
- d. Monsoon**

8. Albedo means

- a. Amount solar radiation reflected by the surface**
- b. Amount moisture absorbed by the surface
- c. Amount moisture present in air
- d. Amount of molecules present in air

9. Which instrument is used to measure the relative humidity in air?

- a. Hygrometer
- b. Barometer**
- c. Thermometer
- d. Altimeter

10. Convectional rainfall mostly occurs in ?

- a. Temperate region
- b. Equatorial region**
- c. Tundra region
- d. Desert region

#### UNIT – 7

1. Who first proposed the term 'Ecosystem' ?

- a. E.O. Wilson
- b. I.G. Simmon
- c. A.G. Tansley**

d. Raymond F Dasmann

2. What is the main source of energy for the earth ?

- a. Moon
- b. Stars
- c. Sun**
- d. Tides

3. What is the position of a rabbit in a food chain?

- a. Primary consumer
- b. secondary consumer**
- c. tertiary consumer
- d. Quaternary consumer

4. Which organism eats both plants and animals?

- a. Herbivores
- b. Carnivores
- c. Omnivores**
- d. Detritivores

5. Which of the following is found in the desert biome?

- a. Eucalyptus
- b. Pine
- c. Teak
- d. Cacti**

6. Which of the following are native tribes inhabiting the tropical evergreen forests of Africa?

- a. Yanomani
- b. Pygmies**
- c. Tikuna
- d. Aborigines

7. The largest number of plant species are found in ----- biome.

- a. Savannah
- b. Desert
- c. Tropical rain forest**
- d. taiga

8. The Temperate grasslands of North America.

- a. Prairies**
- b. Steppes
- c. Pampas
- d. Downs

9. The Taiga biome extends over the latitudes ----- .

- a. 0° to 20° North and South
- b. 30° to 50° N
- c. 50° to 65° N**
- d. beyond 65° N

10. Which of the following is not covered by the Nilgiri Biosphere?

- a. Bandipur National Park
- b. Nagarhole National Park
- c. Nandapha National park**
- d. Mukurthi National park

#### UNIT - 8

1. On an average million people are affected by different types of disasters every year.

- a) 423
- b) 232**
- c) 322
- d) 332

2. The Hyogo Frame work for Action (HFA) was signed by the 168 governments and other actors in

- a) 2006
- b) 2008
- c) 2005**
- d) 2002

3. There are \_\_\_\_\_ key approaches to public awareness for disaster risk reduction

- a) 8
- b) 6**

- c) 9  
**d) 4**

4. 33 percent of total areas in India which receives rainfalls less than ----- is considered to be chronically drought prone.

- a) 650 mm  
**b) 750 mm**  
c) 850 mm  
d) 950 mm

5. It is important to practice Drop, Cover, Hold for

- a) Fire  
**b) Earthquake**  
c) Lightning  
d) Flood

6. One among the given occurs mostly in the slope of high lands

- a) Earthquake  
b) Flood  
**c) Landslide**  
d) Lightning

7. When lightning occurs, the air temperature is

- a) 9982.2 ° C**  
b) 8892. 2° C  
c) 9892. 2° C  
d) 9899.2° C

8. If there are less than \_\_\_\_\_ between thunder and lightning, you are in danger.

- a) 40 sec  
b) 60 sec  
c) 50 sec  
**d) 30 sec**

9. In India around \_\_\_\_\_ % of the country is prone to drought in varying degrees.

- a) 78 %  
**b) 68 %**

- c) 87 %  
d) 67 %

10. During disaster consider the most appropriate from the given below.

- a. Think that the life is more valuable**  
b. Think that things are more valuable.  
c. Think that life and things are equally valuable  
d. Think that life is less valuable than things.

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