



2020

PRELIMS EXCLUSIVE PROGRAMME (PEP)-GEOGRAPHY TEST 4



GEOGRAPHY TEST 4

IASBABA

6/1/2020

Q.1) Consider the following statement about Fold Mountain

1. Formed by forces of compression
2. Himalayas, Andes , Rockies and Alps are the examples for the fold mountain
3. Movement of two continent plates away from each other creates Folding mountains.

Which of the above statement is/are correct?

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

Q.2) Consider the following matching:

Volcanic mountain	Name of the country
1. Mt Fuji	Japan
2. Mt Mayon	USA
3. Mt Merapi	Philippines
4. Mt Agung	Indonesia

Which of the above is/are INCORRECTLY matched?

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

Q.3) Consider the following statement regarding Erosional Landforms:

1. Gorge is a deep valley with a very steep to straight sides
2. Canyons is characterized by steep step like side slopes
3. Gorge form in deserts whereas Canyon is formed in regions with heavy rainfall.

Which of the above statement is/are correct?

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

Q.4) Which of the landforms are found in the mature stage or in the middle course of the river?

1. Interlocking spurs
2. Meanders
3. River cliffs

Choose correct option from below:

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

Q.5) Which of the following best describe the 'World distribution of Active Volcanoes'?

1. They occur in river flood plain
2. They are found in the association with young fold mountain
3. They are associated with old eroded mountain chains

Which of the above is/are incorrect?

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

Q.6) Which of the following, by origin and composition is not a form of 'Igneous Rock'?

1. Sill
2. Gypsum

3. Dyke
4. laccolith

Which of the above is/are correct?

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

Q.7) 'Tensional and Compressional Forces' both operate in the earth crust and they result in the formation of

1. Rift valley
2. Block mountains
3. Fold mountains
4. Residual mountains

Select the code from following:

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

Q.8) Match the following:

1. Laccolith: Igneous mound with dome shaped upper surface
2. Lopolith: Lens shaped mass of igneous rock
3. Phacolith: Intrusive igneous rock with saucer shape
4. Dykes: Narrow walls of igneous rocks vertically within the sedimentary layers

Which of the above pairs is/are correctly matched?

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

Q.9) Consider the following statement about lava:

1. Basic lava highly fluid and dark in colour
2. Basic lava rich in silica, magnesium but poor in iron
3. Acid lava highly viscous, light in colour with low silica.

Which of the above statement is/are correct?

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

Q.10) Consider the following statements:

1. Fountain of hot water is known as geyser
2. Water beneath the surface is heated and rises to the surface without explosion
3. Yellowstone National park of USA is an example for geyser

Which of the above statement is/are correct regarding Geysers?

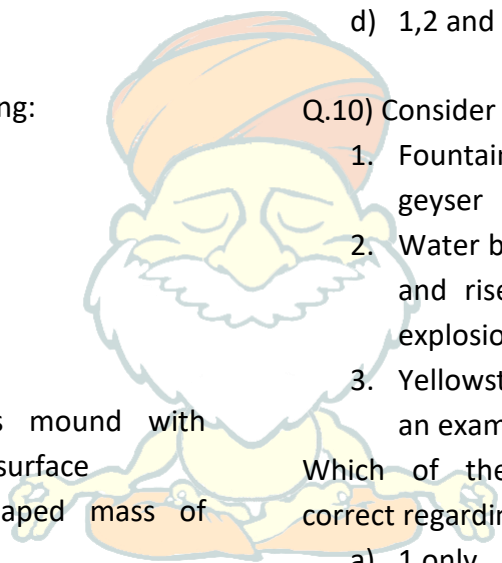
- a) 1 only
- b) 1 and 2 only
- c) 1 and 3 only
- d) 1,2 and 3

Q.11) Which of the following processes are involved in chemical weathering?

1. Oxidation
2. Decomposition by organic acids
3. Frost action

Which of the above statement is/are correct?

- a) 1 only



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

Q.12) Consider the following statements:

1. Mass movement of the earth and weathered materials on hill slopes down to valley due to lubricating action of water
2. Slow movement of soil down a hill slope is called solifluction.
3. Soil is completely saturated with water and mud flow occur is called soil creep

Which of the above statement is/are correct?

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

Q.13) Consider the following in the context of River Erosion:

1. Corrasion: Mechanical grinding of the river's traction load against banks and beds of the river
2. Corrosion: Chemical or solvent action of water soluble or partial soluble rocks with which river comes into contact
3. Hydraulic action: Wear and tear of the transported materials themselves when they roll and collide to one another
4. Attrition: Mechanical loosening and sweeping away of material by river itself

Which of the above statement is/are correct?

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

Q.14) Consider the following statements regarding 'Piedmont Glacier':

1. The glaciers cover a large area to form extensive ice mass at the foot of the mountain.
2. Malaspina glacier of Europe is an example of Piedmont Glacier
3. The average flow of ice in the Alps greater than Greenland

Which of the above statement is/are incorrect?

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

Q.15) Which among the following land forms is /are formed at 'Convergent Plate Boundaries'?

1. Oceanic Trench
2. Mid oceanic Ridges
3. Volcanoes

Which of the above statement is/are correct?

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

Q.16) consider the following pairs:

Types of plateau	Example
1. Piedmont plateau-	Patagonian plateau
2. Volcanic Plateau-	Columbian snake plateau
3. Intermont Plateau-	Bolivian Plateau

Which of the above pairs is/are incorrect?

- 1 only
- 2 only
- 1 and 3 only
- None of the above

Q.17) Which of the following option is / are correct?

Mountain System:: Periods of Orogeny

- Himalaya:: Alpine
- Aravallis:: Caledonian
- Tien Shan:: Hercynian

Choose correct option from above:

- 1 only
- 2 only
- 1 and 3 only
- 1, 2 and 3

Q.18) Consider the following statement with respect to Coral Bleaching:

- Increased or decreased water temperature
- Ocean acidification
- Decreased Sedimentation
- Changes in Salinity

Which of the above is/are correct factors?

- 1 and 2 only
- 2 only
- 1, 2 and 4 only

d) 1, 2, 3 and 4

Q.19) Consider the Coastal Landform.

- Cliff
- Cove
- Arch
- Hook

Which of the coastal landforms is/are Erosional?

- 1 only
- 2 only
- 1 and 4 only
- 1, 2 and 3

Q.20) The Sand - blasting is when winds hurl sand particles against rocks. The blasting result in rock surfaces being scratched, polished and worn away.

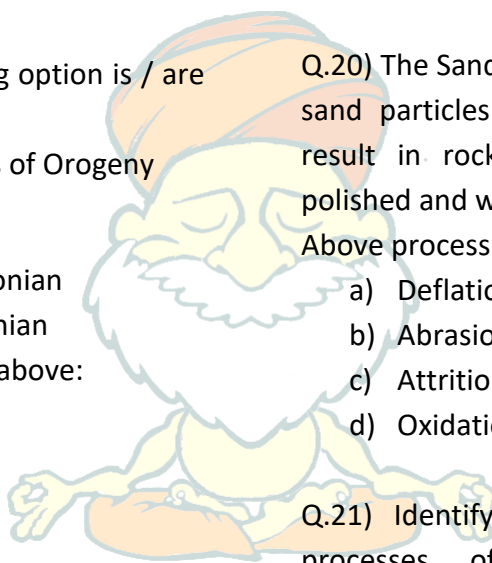
Above process relates to?

- Deflation
- Abrasion
- Attrition
- Oxidation

Q.21) Identify the correct order of the processes of soil-erosion from the following.

- Splash erosion, Sheet erosion, Rill erosion, Gully erosion.
- Sheet erosion, Splash erosion, Gully erosion, Rill erosion.
- Rill erosion, Gully erosion, Splash erosion, Sheet erosion.
- Gully erosion, Rill erosion, Sheet erosion, Splash erosion.

Q.22) Consider the following features of 'Erosional Glaciated Landforms':



1. Corrie, cirque, cwm.
2. Aretes and pyramidal peak.
3. Bergschrund
4. Drumlins

Which of the above are highland erosional landforms?

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

Q.23) Consider the following pairs:

1. Hamada: This is composed of extensive sheets of angular pebbles
2. Reg: This consists of large stretches of bare rocks
3. Erg: This is sea of sand
4. Badlands: where hills are badly eroded.

Which of the above statement is/are correct?

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

Q.24) Which of the given below are landforms of wind erosion in deserts?

- a) Dunes
- b) Barchans
- c) Ventifacts or dreikanter
- d) Loess

Q.25) Consider the following pairs about Desert Landforms:

1. Barchans: These are hills of sand formed by accumulation and shaped by direction of winds.

2. Seifs: These are crescentic or moon type dunes.

Which of the above pairs is/are correct?

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

Q.26) The earth's crust is made up of various types of rocks. Rocks form basis of:

1. Soil
2. Natural vegetation
3. Land use

Which of the above is/are correct?

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

Q.27) Consider the following statements about Igneous Rocks:

1. They are formed by cooling and solidification of magma.
2. They are normally soft and amorphous in nature
3. They do not contain fossils.

Which of the above statement is/are correct?

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

Q.28) Consider the following statements about Sedimentary Rocks:

1. They are formed from sediments accumulated.
2. They have characteristic layer

formation.

- These rocks are coarse and crystalline.

Which of the above statement is/are correct?

- 1 only
- 2 only
- 1 and 2 only
- 1, 2 and 3

Q.29) Consider the following statements about Metamorphic Rocks:

- Only sedimentary rocks can become metamorphic under great heat and pressure.
- Their original character is greatly altered.

Which of the above statement is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- None of the above

Q.30) Igneous rocks are classified based on minerals. Consider the following statements:

- When they contain low proportion of silica they are said to be acidic.
- Acidic rocks are less dense and lighter in color.

Which of the above statement is/are incorrect?

- 1 only
- 2 only
- Both 1 and 2
- None of the above

Q.31) Consider the following pairs about classes of Igneous Rocks:

- Plutonic rocks: formed at some depth in earth's crust. They are slowly cooled so have large crystals.
- Extrusive rocks: they solidify rapidly on earth's surface and crystals are small.

Which of the above pairs is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- None of the above

Q.32) Consider the following statements about types of sandstone:

- Grit : coarser type of sandstone
- Conglomerate: When fragments are angular.
- Breccia : When pebbles are rounded
- Clay : Finer sedimentary material

Which of the above pairs is/are correct?

- 1 only
- 1 and 2 only
- 2 and 3 only
- 1 and 4 only

Q.33) Consider the following statements:

- Sandstones are organically formed sedimentary rocks.
- Carbonaceous rocks are mechanically formed sedimentary rocks.

Which of the above statement is/are correct?

- 1 only
- 2 only
- Both 1 and 2

d) None of the above

Q.34) Which of the below are metamorphic rocks.

- a) Slate
- b) Peat
- c) Lignite
- d) Dykes

Q.35) Which of the below given are conditions that favour the formation of deltas?

- 1. Strong current at the river mouth which leads to formation of tides
- 2. Active vertical and lateral erosion in the lower course of the river to supply large amount of sediments
- 3. Shallow sea, adjoining the delta

Which of the above statement is/are correct?

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

Q.36) Consider the following pairs:

- 1. Dynamic metamorphism: mechanical disruption and reorganization without any change in chemical composition
- 2. Thermal metamorphism: the materials of rocks chemically alter and recrystallize.

Which of the above pairs is/are correct?

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

Q.37) Which of the following processes are included in denudation?

- 1. Weathering
- 2. Mass wasting
- 3. Erosion
- 4. Transportation

Which of the above statement is/are correct?

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

Q.38) Consider the following about different stages of soil:

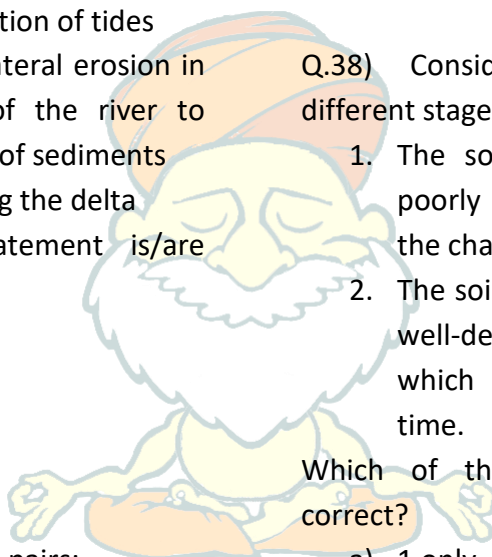
- 1. The soils of the young stage are poorly developed and do not have the characteristic horizons
- 2. The soils of the mature stage have a well-developed profile of horizons which remains constant through time.

Which of the above statement is/are correct?

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

Q.39) Consider the following statements about desert soils:

- 1. Desert soils are suitable for cultivation along the flood plains and on the terraces where their texture is fine
- 2. They are usually poor in organic matter.



3. The phosphate and nitrate content of these soils are very poor.

- c) 2 and 4 only
- d) 1,2,3 and 4

Which of the above statement is/are incorrect?

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

Q.40) Which among the following are statements is/are correct?

1. Pedocals are soils that are found in humid climates extending from high-latitude coniferous forests, mid latitude deciduous forest lands to low-climate tropical forests and grasslands
2. Pedocals are very rich in calcium and mineral salts
3. Pedalfers are soils that are found in arid, semi-arid and the sub-humid zones in the world

Choose appropriate option from below:

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

Q.41) Which among the following factors control the formation of soils?

1. Parent rock
2. Topography
3. Climate
4. Time

Which of the above statement is/are correct?

- a) 1 only
- b) 1 and 2 only

Q.42) Consider the following statements regarding intrusive volcanic landforms?

1. Batholith is a large body of magmatic material cooled in deep depths in the form of large domes.
2. Near Horizontal body of intrusive igneous rock is called Dyke.
3. Wall like structure almost perpendicular to the ground is called Sill or Sheet.

Which of the above statement is/are incorrect?

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

Q.43) Which of the following processes is/are associated with physical weathering?

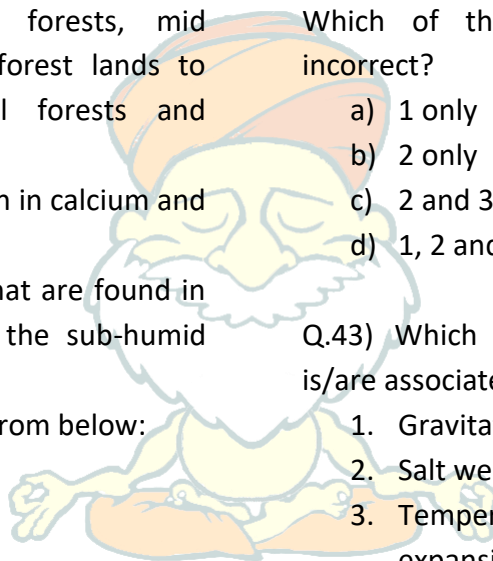
1. Gravitational forces
2. Salt weathering
3. Temperature changes and expansion.

Which of the above statement is/are correct?

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

Q.44) The terms foliation, lineation, and banding are associated with which of the following rocks?

- a) Igneous rocks
- b) Metamorphic rocks



- c) Sedimentary rocks
- d) Volcanic rocks

Q.45) Which of the following processes are not associated with denudation

1. Faulting
2. Mass wasting
3. Transportation
4. Vulcanism

Which of the above statement is/are correct?

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

Q.46) Consider the following statements about river rejuvenation:

1. Negative movement occurs when there is depression of land or rise in sea level.
2. Positive movement occurs then there is uplift of land or fall in sea level.

Which of the above statement is/are correct?

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

Q.47) Consider the following Characteristics features about karst landforms:

1. There is general absence of surface drainage.
2. Limestone bed should be well jointed rocks.

Which of the above statement is/are correct?

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

Q.48) Which of the below are coastal features of deposition

- a) Capes and bays
- b) Cliffs and wave cut platforms
- c) Spits and bars
- d) Cave and stump

Q.49) Recently Meghalayan age was added to geological time line based on studies of stalagmites and stalactites. Consider the following pairs:

1. Stalagmites: are calcium from stalactites deposited on ground
2. Stalactites: are sharp, slender, downward growing pinnacles that hang from cave roofs.

Which of the above pairs is/are correct?

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

Q.50) Uranium contamination is detected in various parts of India, groundwater erosion plays significant role in this. Consider the following statements.

1. It is vertical and horizontal movement of water that causes the rocks to erode.
2. Both physical and chemical processes are involved in such

erosion.

Which of the above statement is/are correct?

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

