



**INSIGHTSIAS**  
SIMPLIFYING IAS EXAM PREPARATION

# INSTA STATIC QUIZ QUESTIONS

## DECEMBER 2020

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PREPARATION

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## 1. Polity

1) Which of the following provisions of constitution can be amended through simple majority?

1. Rules of procedure in Parliament.
2. Conferment of more jurisdiction on the Supreme Court.
3. Delimitation of constituencies.
4. Power of Parliament to amend the Constitution and its procedure

Select the correct answer code:

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

2) The Parliament cannot amend which of these provisions that form the 'basic structure' of the Constitution

1. Freedom and dignity of the individual
2. Principle of equality
3. Independence of Judiciary
4. Rule of law

Select the correct answer code:

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

3) Consider the following statements regarding Lok Sabha.

1. Lok Sabha has a normal term of 5 years, after which it automatically dissolves.
2. Once the Lok Sabha is dissolved before the completion of its normal tenure, the dissolution is irrevocable.
3. Revocation of National Emergency is the exclusive power of Lok Sabha.

Which of the above statements is/are correct?

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

4) The Constitution of India lays down which of the following conditions for the Governor's office?

1. The Governor should not belong to the state where is appointed.
2. The Governor should not be a member of either House of Parliament or a House of the state legislature.
3. The Governor's appointment must be made after consulting the chief Minister of the state.

Select the correct answer code:

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

5) Consider the following statements regarding Election Commission of India

1. The Election commission shall consist of the chief election commissioner and such number of other election commissioners as the parliament may from time to time fix.
2. In case of difference of opinion amongst the chief election commissioner and other election commissioners the matter is referred to the Supreme Court.
3. The conditions of service and tenure of office of election commissioners shall be determined by the president.

Which of the above statements is/are incorrect?

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

## 2. Geography

1) Consider the following statements.

1. Much of the Earth's mantle consists of magma.
2. Magma is a mixture of minerals and also contains small amounts of dissolved gases.
3. The high pressure under Earth's crust keep magma in a solid state.

Which of the above statements is/are correct?

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

2) The thinnest layer of our planet is

- a) Mantle
- b) Crust
- c) Outer Core
- d) Inner Core

3) Consider the following statements.

1. About 98 per cent of the total crust of the earth is composed of titanium, hydrogen, phosphorous, manganese and sulphur.
2. All three rock types (igneous, sedimentary, and metamorphic) can be found in Earth's crust.
3. The oldest rocks on our planet are part of the continental crust.

Which of the above statements is/are correct?

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

4) Which of the following sources of information are considered as the direct sources of information about the Earth's interior?

1. Drilling projects in Mining areas
2. Volcanic eruption
3. Meteors that at times reach the earth
4. Gravitation

Select the correct answer code:

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

5) Consider the following statements.

1. Earth's crust has a density higher than the mantle part of Earth.

2. The inner core of the Earth is in solid state.

Which of the above statements is/are incorrect?

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

6) Consider the following statements regarding Karst topography.

1. It is commonly associated with carbonate rocks.
2. Such topography occurs only in tropical and temperate environments.
3. Nearly a quarter of the world's population depends upon water supplied from karst areas.

Which of the above statements is/are correct?

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

7) Consider the following statements regarding Badland Topography.

1. Presence of Hard archaic granite rock system.
2. Characterized by steep slopes and minimal vegetation.
3. The geologic forms of Canyons, ravines, gullies, buttes and mesas are common in badlands.

Which of the above statements is/are correct?

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

8) Consider the following statements.

1. Moraines are accumulations of dirt and rocks that have fallen onto the glacier surface or have been pushed along by the glacier as it moves.
2. Loess is a type of silt which forms fertile topsoil in some parts of the world.

Which of the above statements is/are correct?

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

9) Which of these geographical features is most likely to have the lowest mean elevation?

- a) Plains
- b) Deltas
- c) Plateaus

d) Islands

10) Lithospheric plates move around very slowly – just a few millimetres each year. This is because of

- a) Rotation of earth
- b) Ocean currents
- c) Gravitational Force acting on the plates
- d) Movement of magma inside the earth

11) Consider the following statements.

1. The rocks equidistant on either side of the crest of mid-oceanic ridges show remarkable similarities in terms of period of formation, chemical compositions and magnetic properties.
2. The age of the oceanic rocks decrease as one move away from the crest of mid-oceanic ridge.

Which of the above statements is/are correct?

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

12) The earth movements are divided on the basis of the forces which cause them. Which of the following are considered as endogenic forces?

1. Glaciers
2. Sea-waves
3. Landslides
4. Diastrophic forces

Select the correct answer code:

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

13) Which of the following evidences supported the continental drift?

1. Jig-Saw-Fit of shorelines of Africa and South America
2. Rocks of Same Age Across the Oceans
3. Tillite deposits
4. Placer Deposits

Select the correct answer code:

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

14) Which of the following elements makes the highest share in the Earth's crust by weight?

- a) Iron
- b) Silicon
- c) Oxygen
- d) Aluminum

15) The event of extinction of Dinosaurs was witnessed in which of the following period?

- a) Jurassic
- b) Triassic
- c) Pleistocene
- d) Cretaceous

16) Consider the following statements regarding Shield volcanoes.

1. The shield volcanoes are the largest of all the volcanoes on the earth.
2. The Hawaiian volcanoes are the examples of Shield volcanoes.
3. These volcanoes are very steep in nature.

Which of the above statements is/are correct?

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

17) Consider the following statements.

1. In an Earthquake, greatest damage usually occurs closest to the epicentre and the strength of the earthquake decreases away from the centre.
2. The velocity of earthquake waves remains constant as they travel through materials with different densities.

Which of the above statements is/are correct?

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

18) Which of the following are the reasons that can be attributed to the frequent landslides and debris avalanches in Himalayan region?

1. The Himalayas are tectonically stable.
2. They are mostly made up of sedimentary rocks and unconsolidated deposits.
3. The slopes are very steep.

Select the correct answer code:

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

19) Consider the following statements regarding Earthquake Waves.

1. P-waves move faster than S-waves.
2. P-waves travel only through solid medium whereas S-waves travel through both solid and liquid medium.
3. The surface waves are more destructive than body waves.

Which of the above statements is/are correct?

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

20) Consider the following statements regarding Earthquakes and Volcano.

1. Earthquake normally occurs along with the volcanoes.
2. Volcanoes occur only where ocean crust collides with continental crust.
3. Volcanoes are one of the best sources of sulphur.

Which of the above statements is/are correct?

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

21) The climate and weather of a region largely depends on

1. Distance from equator
2. Height above Mean Sea Level (MSL)
3. Distance from International Date Line
4. Proximity with major water bodies

Select the correct answer code:

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

22) In the course of its evolution, the early atmosphere on earth largely contained

1. Water vapour
2. Nitrogen
3. Carbon dioxide
4. Methane
5. Ammonia
6. Very little of free oxygen

Select the correct answer code:

- a) 1, 2, 3, 4, 5
- b) 1, 3, 4, 5, 6
- c) 1, 2, 4, 5, 6
- d) 1, 2, 3, 4, 5, 6

23) Consider the following statements.

1. The location of the thermal equator is not identical to that of the geographic Equator.
2. The location of thermal equator is most affected by the level of insolation received in both hemispheres.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

24) Factors that affect temperature at a particular region include

1. Circulation of planetary and local winds
2. Distance of the region from poles or equator
3. Movement of Ocean waves
4. Altitude and terrain of the place

Select the correct answer code:

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

25) Consider the following statements.

1. The mid-day sun never shines overhead on any latitude beyond the Tropic of Cancer and the Tropic of Capricorn.

2. The areas bounded by the Tropic of Cancer and the Arctic Circle in the Northern Hemisphere, and the Tropic of Capricorn and the Antarctic Circle in the Southern Hemisphere, have moderate temperatures.

Which of the above statements is/are incorrect?

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

26) Consider the following statements:

1. On summer solstice, the northern hemisphere will have its longest day and the shortest night.

2. On winter solstice, the southern hemisphere will have its longest day and the shortest night.

Which of the above statements is/are correct?

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

27) Clear and sunny skies are usually associated with

- a) High pressure zones
- b) Low pressure zones
- c) A zone of intense pressure fluctuations
- d) None of the above

28) Consider the following statements regarding Jet streams.

1. Jet streams are a narrow belt of high-altitude westerly winds in the troposphere.

2. These blow at a constant speed throughout the year.  
 3. They are limited to tropical latitudes with occasional movements in the sub-tropics.  
 Which of the above statements is/are correct?

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

29) Consider the following statements.

1. Fold mountains are created when two plates collide, whereas Block Mountains are created when large areas are broken and displaced vertically.  
 2. The Himalayan Mountains are young fold mountains, whereas the Alps are block mountains.

Which of the above statements is/are incorrect?

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

30) Consider the following statements with reference to the 'Continental Drift Theory' proposed by Alfred Wegener.

1. In the beginning, all the continents formed a single continental mass called Laurasia.  
 2. The movement responsible for the drifting of the continents was caused by pole-fleeing force and tidal force.

Which of the above statements is/are correct?

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

31) Western Cyclonic Disturbances

1. Occur mainly in the winter months in India  
 2. Mostly Influence the north and north-western regions of India  
 3. Causes tropical cyclones in the coastal belts of India

Select the correct answer code:

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

32) The Roaring Forties are

- a) Feeble easterly winds found in the Northern Hemisphere

- b) Strong westerly winds found in the Southern Hemisphere  
 c) Equatorial counter-currents that move near to the eastern coastal shores in lower latitudes  
 d) Thunderstorms often found near the equator

33) Monsoon winds can be best described as

- a) Local winds  
 b) Easterly winds  
 c) Seasonal winds  
 d) Permanent winds

34) The major prevailing wind type resulting in hot desert landscape is

- a) South-westerly winds throughout the year  
 b) Light and variable winds in summer  
 c) Westerlies that blow throughout the year  
 d) North-east trade wind throughout the year

35) Consider the following statements.

1. Low pressure systems are usually characterized by dry and settled weather.  
 2. High pressure systems usually bring severe wind and precipitation.

Which of the above statements is/are incorrect?

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

36) Consider the following statements.

1. Most of the cyclones that hit India originate in the Bay of Bengal, rather than the Arabian Sea.  
 2. Arabian Sea cyclones are also relatively weak compared to those emerging in the Bay of Bengal.

Which of the above statements is/are correct?

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

37) A tropical cyclone is classified as making landfall when

1. The centre of the storm moves across the coast  
 2. The heat from condensation of vapour nuclei reaches its peak levels.

Select the correct answer code:

- a) 1 only  
 b) 2 only

- c) Both 1 and 2
- d) Neither 1 nor 2

38) Places in the mountains are usually cooler than places on the plains due to the presence of

- a) Moisture-laden winds on the mountains
- b) Leeward wind flow on the mountains
- c) Thin air on the mountains
- d) All of the above

39) As per the Koeppen classification, which of the following regions of India has a Steppe Climate?

- a) North-eastern India
- b) Parts of North-western India and leeward side of Western Ghats
- c) Coastal regions of south-eastern India
- d) Central India

40) Why are the western slopes of the Western Ghats covered with thick forests and not the eastern slopes?

1. Soil in eastern slope cannot support vegetation due to absence of nutrients.
2. Eastern side falls in rain shadow zone
3. No protected forests exist on the eastern slopes.

Select the correct answer code:

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

41) The top layer of warm oceanic water is present throughout the year in

- a) Tropical region
- b) Poles
- c) Temperate regions
- d) Southern Ocean

42) Consider the following statements.

1. More fish come closer to the shore during the Low tide.
2. High tides help in navigation as they raise the water level close to the shores.

Which of the above statements is/are correct?

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

43) Seas around Japan and the eastern coast of North America have some of the World's best fishing grounds because

- a) These areas do not experience strong ocean currents or strong ocean waves.

b) They are not hit by tsunamis or hurricanes.

c) These are the areas where the warm and cold ocean currents meet.

d) These areas have high influx of fresh water from the Rivers.

44) Consider the following statements.

1. More fresh water can be found in the atmosphere than in the rivers on earth.
2. Rivers on earth contain less fresh water than Inland seas and salt lakes.
3. Ice-caps contain less fresh water than the fresh water available in the groundwater.

Which of the above statements is/are correct?

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

45) In deeper parts of oceans, primary production remains almost nil due to the absence of

- a) Upwelling of water
- b) Excess of sulphides
- c) Ocean currents
- d) Sunlight

46) Consider the following statements regarding Chota Nagpur Plateau.

1. The Chota Nagpur Plateau is a plateau in eastern India, which covers much of Jharkhand state as well as adjacent parts of Odisha, West Bengal and Chhattisgarh.
2. The Indo-Gangetic plain lies to the north and east of the plateau.
3. The plateau has been formed by continental uplift from forces acting deep inside the earth.

4. The Krishna River flows through Chota Nagpur Plateau.

Which of the above statements is/are correct?

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

47) Which of these peaks of Himalayas, are situated in India?

1. Dhaulagiri
2. Kanchenjunga
3. Namcha Barwa
4. Nanda Devi
5. Annapurna

Select the correct answer code:

- a) 1, 3, 5

- b) 1, 2, 3, 4
- c) 2, 4
- d) 2, 3, 4, 5

48) Which of the following fall under the Peninsular block of India?

1. Aravali Range
2. Rajmahal Hills
3. Karbi Anglong Plateau
4. Meghalaya Plateau

Select the correct answer code:

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

49) Consider the following statements regarding Indian plate.

1. The Indian plate is tectonically separated from the Peninsular India plate.
2. It forms a convergent plate boundary with the Himalayas.
3. The plate extends to Pakistan and Myanmar as well.

Which of the above statements is/are correct?

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

50) Consider the following statements.

1. Bhur denotes an elevated piece of land situated along the banks of the Ganga river
2. Bhangar and Khadar are old and new alluvium soils respectively.

Which of the above statements is/are incorrect?

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

51) Consider the following statements regarding Peninsular Rivers.

1. The Peninsular rivers have shorter and shallower courses as compared to their Himalayan counterparts.
2. A large number of the Peninsular rivers are seasonal.
3. Peninsular rivers carry much larger silt as compared to Himalayan rivers which carry fresh water.

Which of the above statements is/are correct?

- a) 1, 2
- b) 1, 3
- c) 2, 3

- d) 2 only

52) Consider the following statements.

1. Braided channels occur in rivers with near flat slopes.
2. V-shaped valleys are a feature of youthful stage of Himalayan rivers.

Which of the above statements is/are correct?

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

53) Consider the following matches of rivers with their origin locations.

1. Sabarmati: Amarkantak
2. Brahmaputra: Kailash Range
3. Krishna: Mahabaleshwar
4. Godavari: Trimbakeshwar

Which of the above is/are correctly matched?

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

54) Which of the following rivers drain into Bay of Bengal?

1. Mahi
2. Penner
3. Subarnrekha
4. Tapi

Select the correct answer code:

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

55) It is opined that in due course of time Indo–Brahma river was dismembered into many drainage systems. These include

1. Indus and its tributaries
2. Ganga and its Himalayan tributaries
3. The stretch of the Brahmaputra in Assam and its Himalayan tributaries

Select the correct answer code:

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

56) Which of the following have an influence on the movement of ocean water?

1. Salinity
2. Temperature
3. Sun

4. Moon

5. Wind

Select the correct answer code:

a) 2, 3, 4, 5

b) 1, 2, 4, 5

c) 1, 2, 5

d) 1, 2, 3, 4, 5

57) Consider the following statements.

1. The periodical rise and fall of the sea level, once or twice a day, caused by meteorological effects are called tides.

2. Centrifugal force also causes for the occurrence of tides.

Which of the above statements is/are correct?

a) 1 only

b) 2 only

c) Both 1 and 2

d) Neither 1 nor 2

58) Consider the following statements.

1. During the day time the intensity of tides is always uniform along the coastline.

2. The position of both the sun and the moon in relation to the earth has direct bearing on tide height.

3. Neap tides occur when the sun, the moon and the earth are in a straight line.

Which of the above statements is/are incorrect?

a) 1, 2

b) 2 only

c) 1, 3

d) 2, 3

59) Consider the following statements.

1. Unlike Cyclones and Ocean currents, tides cannot be predicted well in advance.

2. Ocean currents are influenced by Gravitational force and Coriolis force.

3. The level of ocean water is lower in equator than in the middle latitudes, because of the Coriolis effect.

Which of the above statements is/are correct?

a) 1, 2

b) 2 only

c) 2, 3

d) 1, 2, 3

60) Which of the following country's capital is closer to Equator?

a) Kenya

b) Democratic Republic of Congo

c) South Sudan

d) Somalia

61) Which of the following factors Influence the formation of South-West Monsoon?

1. Shift of the position of Inter Tropical Convergence Zone (ITCZ) in summer.

2. Presence of the high-pressure area, east of Madagascar, approximately at 20°S over the Indian Ocean.

3. Movement of the westerly jet stream to the north of the Himalayas and the presence of the tropical easterly jet stream over the Indian peninsula during summer.

Select the correct answer code:

a) 1, 2

b) 1, 3

c) 2, 3

d) 1, 2, 3

62) Winter rainfall in Punjab, Haryana, Delhi and western Uttar Pradesh occurs mainly due to

1. Northeast monsoon crossing over the Bay of Bengal

2. Anti-cyclonic circulation patterns in Northern India in winter

3. Arrival of weak temperate cyclones from the Mediterranean Sea

Select the correct answer code:

a) 1, 2

b) 3 only

c) 2, 3

d) 1, 3

63) Consider the following statements regarding 'Savanna Climate'.

1. It is characterized by an alternate hot, rainy season and cool, dry season.

2. Majority of the areas have lateritic soils which support good crops.

3. The Hausa tribes are found here.

Which of the above statements is/are correct?

a) 1, 2

b) 1, 3

c) 2, 3

d) 1, 2, 3

64) Which of these seasons provide the most favorable conditions for the redistribution of water and oxygen in lakes that are vital for the growth of organisms such as phytoplankton?

a) Extremely hot summers

b) Cold winters

c) Autumn and Spring Seasons

d) The churning of nutrients is not dependent on seasons.

65) If the elliptical orbit of earth around the Sun changes to a circular orbit, which one among the following may result in that situation?

- It would not make any difference to earth, its atmosphere and temperature.
- All gases on earth will escape.
- The Earth will suddenly become very cold and uninhabitable.
- The difference between seasons may be changed.

66) Practices that increase organic matter in the soil include

- Leaving crop residues in the field
- Frequent tillage
- Mulching
- Growing cover crops

Select the correct answer code:

- 1, 2, 3
- 1, 2, 4
- 2, 3, 4
- 1, 2, 3, 4

67) 'Podzolisation' leading to podsollic soils is a phenomenon most noticed in which of these forest types?

- Equatorial Moist Evergreen Forest
- Mediterranean Forests
- Boreal forests
- Tundra vegetation

68) Consider the following statements regarding Red and yellow soils.

- They can develop on crystalline igneous rocks.
- They are found only in regions of highest rainfall and highest temperature in India.
- They look yellow when it occurs in a hydrated form.

Which of the above statements is/are correct?

- 1, 2
- 1, 3
- 2, 3
- 1, 2, 3

69) Consider the following statements regarding Alluvial soils.

- Alluvial soils are suitable for the growth of sugarcane, paddy and pulse crops.
- Alluvial soils contain adequate proportion of potash and lime.

Which of the above statements is/are incorrect?

- 1 only
- 2 only
- Both 1 and 2

d) Neither 1 nor 2

70) Mangrove forests can be found in which of the following river deltas?

- Cauvery
- Krishna
- Mahanadi
- Godavari

Select the correct answer code:

- 1, 2, 3
- 1, 3, 4
- 2, 3, 4
- 1, 2, 3, 4

71) Consider the following statements.

- S-waves produced by an earthquake can travel only through solid materials.
- 'Shadow zone' of an earthquake refers to the zone where the tendency of experiencing an earthquake is the maximum.

Which of the above statements is/are correct?

- 1 only
- 2 only
- Both 1 and 2
- Neither 1 nor 2

72) Earthquakes can occur at

- Divergent plate boundaries.
- Transform boundaries.
- Ocean-ocean convergent plate boundaries
- Ocean-continent plate boundaries.

Select the correct answer code:

- 1, 2, 3
- 1, 3, 4
- 2, 3, 4
- 1, 2, 3, 4

73) Arrange the following regions in decreasing order based on the potential of Incidences of Landslides:

- Himalayas
- North-eastern Hills
- Vindhayachal
- Western Ghats and the Nilgiris

Select the correct answer code:

- 1243
- 1234
- 2134
- 2143

74) Brahmaputra River is often flooded in India, but not in Tibet. What can be the possible causes for it?

- In India it passes through a region of high rainfall, while Tibet is a dry cold area.

2. Brahmaputra is marked by huge deposits of silt on its bed causing the river bed to rise.

Select the correct answer code:

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

75) Among the following, the crop that is least drought-resistant is

- a) Millets
- b) Groundnuts
- c) Maize
- d) Sugarcane

76) Which of the following are the examples of footloose industries?

- 1. Mobile manufacturing
- 2. Diamond processing
- 3. Iron and Steel Industry
- 4. Computer chips industries
- 5. Cement industry

Select the correct answer code:

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

77) Which of the following activities belong to the Quaternary activities in an Economy?

- 1. Production and dissemination of information
- 2. Research and development
- 3. Medical Tourism

Select the correct answer code:

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

78) Which of the following are ferrous minerals?

- 1. Bauxite
- 2. Iron Ore
- 3. Copper
- 4. Manganese

Select the correct answer code:

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

79) According to Mines and Minerals (Development and Regulation) Act, 1957, which of the following are declared as Minor Minerals?

- 1. Chalk
- 2. Lignite
- 3. Brick-earth
- 4. Marble
- 5. Gravel

Select the correct answer code:

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

80) Which among the following best describes the term 'Black Gold'?

- a) Residual that remain after Gold extraction
- b) Coal and its derivatives
- c) Petroleum and its derivatives
- d) None of the above

81) Consider the following statements regarding Ocean Currents.

- 1. Water density and temperature influences the mobility of ocean currents.
- 2. Cold Water ocean currents travel from the equator along the surface, towards the cold polar regions.
- 3. Labrador current is a cold current.

Which of the above statements is/are correct?

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

82) Consider the following statements.

- 1. Surface current constitute more than the deep-water currents.
- 2. Cold currents are usually found in the west coast in the higher latitudes in the Northern Hemisphere.
- 3. Warm currents are found on the east coast of continents in the low and middle latitudes.

Which of the above statements is/are correct?

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

83) Which of the following are not correctly matched?

- | <b>Local winds</b> | <b>:</b> | <b>Origin</b> |
|--------------------|----------|---------------|
| a) Zonda           |          | Alps          |
| b) Loo             |          | Aravallis     |
| c) Chinook         |          | Rockies       |
| d) Bora            |          | Adriatic Sea  |

84) Consider the following statements:

1. Garo and Khasi hills are extensions of Purvanchals in Meghalaya forming water divide between Brahmaputra and Barak River.
2. Rajmahal Hills are formed from rocks dating from the Jurassic Period and named after the town of Rajmahal which lies to the east in the state of Jharkhand.

Which of the above statements is/are correct?

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

85) Tropic of Capricorn passes through which of the following countries?

1. Argentina
2. Bolivia
3. Chile
4. Botswana
5. Mozambique
6. Zimbabwe
7. Australia

Select the correct answer code:

- a) 1, 3, 4, 5, 7
- b) 1, 3, 5, 6, 7
- c) 1, 2, 3, 5, 7
- d) 2, 3, 4, 6, 7

86) Which of the following contribute to Monsoon breaks in India?

1. When rain-bearing storms are not very frequent along the monsoon trough
2. Over the west coast, when winds blow parallel to the coast.
3. Tropical depressions during the south-west monsoon period

Select the correct answer code:

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

87) Consider the following statements.

1. These soils are widespread in the northern plains and the river valleys.
2. They are depositional soils, transported and deposited by rivers and streams.
3. In the Peninsular region, they are found in deltas of the east coast.

The above statements refer to

- a) Black Soil
- b) Laterite Soil
- c) Peaty Soil
- d) Alluvial Soil

88) High concentration of Teak and Sal forest are found in which topographic region

- a) Western Ghats
- b) Eastern Ghats
- c) Central Highland
- d) Aravalli

89) Consider the following statements:

1. Roaring forties are the westerlies, lies between 40° and 50° latitude in Southern hemisphere.
2. Horse latitudes are the low pressure and low temperature zone in 25-35 north and south latitude.

Which of the above statements is/are correct?

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

90) Consider the following statements.

1. They are found in hills of the northeastern region and the Andaman and Nicobar Islands.
2. These forests are well stratified.
3. Species found in these forests include rosewood, mahogany, aini and ebony.

The above statements refer to

- a) Montane Forests
- b) Littoral and Swamp Forests
- c) Moist Deciduous Forests
- d) Tropical Evergreen Forests

91) One can infer which of the following information from a population pyramid?

1. Gender composition based on age groups
2. Distribution of various age groups in a population
3. Density of population
4. Reproductive capabilities and likelihood of the continuation of a species

Select the correct answer code:

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

92) Consider the following statements.

1. The fertility rate refers to the number of live births per 1000 women in the child-bearing age group, usually taken to be 15 to 49 years.
2. Reaping demographic dividend due to a higher population of working-age citizens is usually

the last stage in the demographic transition of any society.

Which of the above statements is/are correct?

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

93) The term demographic trap is used by demographers to describe the combination of

- 1. Sub-replacement level fertility rates
- 2. High Fertility rate
- 3. Declining mortality
- 4. Increasing Mortality

Select the correct answer code:

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

94) The term "Sub Urbanisation" refers to

- a) Movement of population from urban areas to rural areas
- b) Movement of people from central urban area to satellite communities
- c) Population shift from rural areas into suburbs
- d) Reduction of population in lower tier cities

95) The Census of India differentiates between urban and rural areas on which of the following criteria?

- 1. Occupational structure
- 2. Literacy rates
- 3. Resource base
- 4. Population size

Select the correct answer code:

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

96) Consider the following matches of specific disasters and related nodal agencies for early warning in the Government of India.

- 1. Cyclone: Indian Meteorological Department
- 2. Tsunami: Indian National Centre for Oceanic Information Services
- 3. Floods: Central Water Commission
- 4. Landslides: Geological Survey of India

Select the correct answer code:

- a) 1, 2, 3
- b) 1, 3, 4

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

97) Consider the following statements regarding 'Drought Management in India'.

- 1. There is no single, legally accepted definition of drought in India.
- 2. Risk assessment and risk management of a drought falls within the purview of the Disaster Management Act, 2005.

3. The Central government is the final authority to declare a region as drought affected.

Which of the above statements is/are correct?

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

98) National Disaster Management Authority will involve in which of the following disasters?

- 1. Urban Floods
- 2. Heat Wave
- 3. Nuclear and Radiological Disaster
- 4. Chemical and Biological threat

Select the correct code:

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

99) Consider the following statements regarding State Disaster Response Fund (SDRF).

- 1. SDRF was constituted based on the recommendations of the 14th Finance Commission.
- 2. The Central Government contributes 50% to SDRF and the remaining 50% is provided from the State Government.
- 3. A State Government may use the funds available under the SDRF for providing immediate relief to the victims of natural disasters that they consider to be 'disasters' within the local context in the State.

Which of the above statements is/are incorrect?

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

100) Consider the following statements regarding National Disaster Response Fund (NDRF).

- 1. NDRF is located in the "Public Accounts" of Government of India under "Reserve Funds not bearing interest".

2. The relief activities for all the calamities are monitored by the Ministry of Home Affairs.

3. NDRF amount can be spent only towards meeting the expenses for emergency response, relief and rehabilitation.

Which of the above statements is/are correct?

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

101) Consider the following statements.

1. Maize requires moderate temperature, rainfall and lots of sunshine.

2. Cotton requires high temperature, light rainfall, and less than hundred frost-free days and bright sunshine for its growth.

3. Jute grows well on alluvial soil and requires high temperature, heavy rainfall and humid climate.

Which of the above statements is/are correct?

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

102) Consider the following statements.

1. Deltas are formed in low tide regions, whereas Estuaries are formed in high tide region with rift valleys.

2. Estuaries are usually more fertile than delta regions.

3. Delta region continuously interacts with the ocean unlike estuaries which does not.

Which of the above statements is/are correct?

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

103) Cinnamomum camphora (from where Camphor can be obtained) is naturally found in

- a) Boreal forests
- b) Evergreen forests
- c) Temperate deciduous forests
- d) Mediterranean vegetation

104) Consider the following statements:

1. The enclosed seas in the low latitudes have lower temperature than the open seas.

2. The enclosed seas in the high latitudes have higher temperature than the open seas

Which of the above statements is/are correct?

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

105) Consider the following statements regarding Ocean Currents.

1. Ocean currents are not greatly influenced by coriolis force.

2. The oceanic circulation pattern roughly corresponds to the earth's atmospheric circulation pattern.

3. In the southern hemisphere, the air circulation over the oceans in the middle latitudes is mainly cyclonic.

Which of the above statements is/are incorrect?

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

106) Consider the following features in a drainage system.

- 1. Interlocking spurs
- 2. Ox-bow lakes
- 3. River cliffs
- 4. Rapids and waterfalls

Which of the above will be found in the middle course of the river system?

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

107) Which of the following cannot be the use of Lagoons and backwaters?

- 1. Fishing
- 2. Irrigation of paddy crops
- 3. Navigation

Select the correct answer code:

- a) 3 only
- b) 1 only
- c) All can be the uses.
- d) 2 only

108) Well-rounded and Well-sorted sand grains indicate that sediment

- a) Came from a nearby water source.
- b) Was deposited at the location where it was found.
- c) Traveled from a distant source area.
- d) Have not been influenced by weathering

109) Consider the following statements regarding Atmosphere.

1. 99% of earth's atmosphere is confined to the height of 320 km from earth's surface.
  2. Hydrogen and Oxygen were the major constituents of early atmosphere.
- Which of the above statements is/are incorrect?

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

110) Continental shelf is formed due to:

1. Rise in sea level
2. Submergence of a part of a continent
3. Sedimentary deposits brought down by rivers

Which of the above statements is/are correct?

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

### 3. Economy

1) Which of the following is/are part of Disposable personal income?

1. Income Tax Payments
2. Net interest households' payment
3. Non-tax Payments such as fines

Select the correct answer code:

- a) 1, 2
- b) 1, 3
- c) 2, 3
- d) None of the above

2) In some of the five-year plans, the Gadgil - Mukharjee Formula was used to

- a) Determine the target of fiscal deficit for the Government
- b) Allocate financial assistance to states from the Centre
- c) Calculate the trajectory of industrial growth in India
- d) Determine maximum permissible limit of External Borrowings by the Government

3) Consider the following statements regarding agricultural statistics in India.

1. The production of food grains in India has steadily increased year on year post green revolution since the 1960s.
2. India currently has the largest land area certified as organic wildculture in the world.

Which of the above statements is/are incorrect?

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

4) Consider the following statements regarding Angel Investors.

1. Angel Investors are high-net-worth individuals, who generally buy back failed firms for asset restructuring.
2. The funds angel investors provide may be a one-time investment to help the business propel or an ongoing injection of money to support and carry the company.

Which of the above statements is/are correct?

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

5) Consider the following statements regarding Imported Inflation.

1. When the general price level rises in a country because of the rise in prices of imported commodities, inflation is termed as imported.
2. The weakening of the domestic currency may lead to imported inflation in the country.

Which of the above statements is/are correct?

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

### 4. Art and Culture

1) Consider the following statements regarding Sanchi Stupa.

1. The Sanchi Stupa is one of India's primary Buddhist sites and contains some of the oldest stone structures in the country.
2. Sanchi is regarded as one of the first monastic stupas.
3. Buddha had visited Sanchi multiple times.

Which of the above statements is/are correct?

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

2) The Kailasanatha temple at Ellora and the Shore Temple at Mamallapuram

1. are both rock-cut temples
2. are both located near shores

Which of the above statements is/are correct?

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

3) Khajuraho Temples were built in

- a) Ancient India by Gupta rulers
- b) Medieval India by Chandella rulers
- c) The Iron age by Pala rulers
- d) The Age of Wanderers by Eastern Ganga dynasty

4) Which of the following point to the art form Mudiyyettu?

- a) It is a bamboo carving made by the use of natural colours giving it a rich and sombre feel.
- b) These are rock carvings inscribed on the temples of Chola Kingdoms.
- c) It is a form of rod puppetry practiced in the state of Andhra Pradesh.
- d) It is a ritual theatre and dance drama of Kerala.

5) Consider the following statements regarding Kathakali.

1. It is the oldest dance form that is recognized as a classical dance in India.
2. The characters in a Kathakali performance are broadly divided into satvika, rajasika and tamasika types.
3. The body movement styles in Kathakali borrow from early martial arts of Kerala.

Select the correct answer code:

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

## 5. History

1) Consider the following statements regarding religious practices of the Harappan civilization.

1. Linga worship was prevalent during Harappan civilization.
2. Religion was strictly masculine and patriarchal in nature.

Which of the above statements is/are correct?

- a) 1 only

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

2) In the context of Buddhist history, Mahapajapati Gotami was

- a) Composer of Buddhacharita
- b) The queen who extended the highest financial patronage to Buddhism
- c) Author of Abhidhamma Pitaka
- d) First woman to be ordained as a bhikkhuni.

3) Consider the following statements.

1. The first coins to bear the names and images of rulers were issued by the Indo-Greeks.
2. Both Kushanas and Guptas issued gold coins.
3. Coins were also issued by tribal republics of Punjab and Haryana.

Which of the above statements is/are correct?

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

4) Consider the following centres of 1857 revolt and the leaders

| Centre       | Leaders    |
|--------------|------------|
| 1. Delhi     | Nana Saheb |
| 2. Lucknow   | Begum      |
| Hazrat Mahal |            |
| 3. Bihar     | Khan       |
| Bahadur      |            |
| 4. Faizabad  | Maulvi     |
| Ahmadullah   |            |

Which of the above are correctly matched?

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

5) Which of the following is/are the features of Swadeshi movement?

1. Emphasis on self-reliance
2. Extensive participation of the peasantry
3. Cultural revivalism

Select the correct answer code:

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

## 6. Environment

1) Consider the following statements regarding Bioluminescent organisms.

1. Bioluminescent organisms are only found in the ocean environments.
2. The colour of the light emitted by the organism depends on their chemical properties.
3. In some organisms, Bioluminescence acts as defence mechanism, to protect itself from other organisms.

Which of the above statements is/are correct?

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

2) Which of the following physical, biotic or abiotic factors influence where species live?

1. Temperature
2. Humidity
3. Soil chemistry and pH
4. Salinity
5. Oxygen levels

Select the correct answer code:

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

3) To qualify as a biodiversity hotspot, which of the following conditions must be met

1. The biodiversity of the region is threatened.
2. Zones of High endemism
3. Areas where Ecological succession occur

Select the correct answer code:

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

4) Consider the following statements.

1. Many desert plants have a special photosynthetic pathway that enables their stomata to remain closed during night time to minimise water loss through transpiration.

2. In high altitudes, the body compensates low oxygen availability by increasing red blood cell Production and decreasing the binding affinity of haemoglobin.

Which of the above statements is/are correct?

- a) 1 only
- b) 2 only

- c) Both 1 and 2
- d) Neither 1 nor 2

5) Acid rain is mainly a by-product of a variety of human activities that emit the oxides of

- a) Sulphur and nitrogen in the atmosphere
- b) Mercury and lead compounds in water bodies
- c) Radioactive compounds in effluent discharge
- d) Carbon emitted by peat lands