Ques. 1) With reference to ocean currents, consider the following statements:

1. Their flow is limited only to the oceanic surface.

2. They assist in maintaining the Earth's heat balance.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 2) Periodic phenomenon of alternate rise and fall in the sea-level is known as tides.

Which of the following statements regarding Tides is not correct?

(a) Moon exerts the strongest influence on tides because of its closeness to earth.

(b) Tides are highest during both full moon and the new moon.

(c) Tides help in formation of deltas.

(d) Tidal force may be used as a source of generating electricity.

Ques. 3) Spring tides are formed

(a) during the spring season.

(b) when the sun, the moon perpendicular to each other.

(c) when there is an indentation in the coast line.

(d) when the sun, the moon and the earth are in a straight line.

Ques. 4) Which of the following are warm ocean currents?

1. Canaries

2. Humboldt

3. Agulhas

4. North Atlantic Drift Select the correct answer using the code given below.

(a) 2 and 3 only

(b) 1 and 4 only

(c) 3 and 4 only

(d) 1, 2, 3 and 4

Ques. 5) Indian Ocean observes a phenomenon of ‘reversal of direction of ocean currents.

Which of the following is chiefly responsible for it?

(a) 23 1/2 o tilt of the earth's axis

(b) Dominance of Monsoon winds in North Indian Ocean

(c) Existence of Indian Peninsula in the north of Indian ocean

(d) Large number of rivers draining into Indian ocean

Ques. 6)

Which of the following factors govern the location of major fishing grounds of the world?

1. Depth of coastal water

2. Convectional mixing of water

3. Shape of the coastline

Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 1, 2 and 3

(c) 2 only

(d) 1 and 3 only

Ques. 7) Which among the following best describes katabatic winds?

(a) Upslope winds driven by warmer surface temperatures on a mountain slope than the surrounding air column.

(b) A type of wind system a complete or almost complete reversal of prevailing direction from season to season.

(c) Winds in which the cooler, heavier, denser air over the land flows towards the sea.

(d) Winds in which the cool air of the high plateaus and ice fields drain valley.

Ques. 8) 'This type of cloud looks like cotton wool and are generally formed at a height of 4,000 7,000 m. They exist in patches and can be seen scattered here and there. They have a flat base.'

Which among the following type of clouds is best described by the above passage?

(a) Cirrus

(b) Cumulus

(c) Stratus

(d) Nimbus

Ques. 9) process of heating of the atmosphere through vertical movement of air is called

(a) Advection

(b) Radiation

(c) Conduction

(d) Convection

Ques. 10) Salinity of water in the polar oceans is low due to:

1. low evaporation influx of fresh waters from polar glaciers

2. high atmospheric pressure

Select the correct answer using the code given below.

(a)1 and 2 only

(b)2 and 3 only

(c)1, 2 and 3

(d)1 only

Ques. 11) Consider the following statements regarding Mediterranean type of Climate:

1. It is influenced by shifting of wind belts.

2. It is characterized by dry summers and rainfall in winters.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 12) Consider the following statements regarding Equatorial type of Climate:

1. There is uniformity of temperature throughout the year.

2. It is characterized by high annual rainfall.

Which of the statements given above is/are correct?

(a)1 only

(b)2 only

(c)Both 1 and 2

(d)Neither 1 nor 2

Ques. 14) Consider the following statements with reference to Ocean currents:

1. They determine the locations of major fishing grounds in the world.

2. They prevent freezing of Britain Coast.

3. They affect Monsoon in the Indian Sub continent.

Which of the statements given above is/are correct?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 only

(d) 1, 2 and 3

Ques. 15) With reference to the nitrogen cycle, consider the following statements:

1. No organism is capable of utilising nitrogen directly in its gaseous form.

2. Nitrogen can be fixed in the atmosphere by lightning and cosmic radiation

Which of the statements given above is/are correct?

(a)1 only

(b)2 only

(c)Both 1 and 2

(d)Neither 1 nor 2

Ques. 16)

Which among the following is/are ideal conditions for formation of dew?

1. Cloudiness

2. Calm air

3. Cold and long nights

Select the correct answer using the code given below.

(a) 3 only

(b) 2 and 3 only

(c) 1 and 2 only

(d) 1, 2 and 3

Ques. 17) Consider the following statements regarding structure of the atmosphere:

1. The troposphere is the lowermost layer of the atmosphere.

2. The stratosphere contains the ozone layer.

3. The ionosphere is located above the mesopause.

Which of the statements given above is/are correct?

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 18) Consider the following statements regarding Terrestrial Radiation:

1. The earth after being heated by the sun radiates energy to the atmosphere in the form of short waves.

2. The amount of heat received in the form of insolation is more than the amount lost by the earth through terrestrial radiation.

Which of the statements given a correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 19) Consider the following statements with regard to coriolis force:

1. It deflects the wind to the right direction in the northern hemisphere.

2. It does not depend on the velocity of wind.

Which of the statements given above is/are correct?

(a)1 only

(b)2 only

(c)Both 1 and 2

(d)Neither 1 nor 2

Ques. 20) Consider the following statements regarding regions of Tropical Marine Climate:

1. They are located along the eastern coast of tropical lands.

2. They come under the influence of the trade winds.

3. They are prone to tropical cyclones.

Which of the statements given above are correct?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 21) Consider the following statements:

1. Areas where annual precipitation is over 200 cm.

2. Mean annual temperature is above 22 oC.

3. There is no definite time for trees to shed their leaves, flowering and fruition.

4. Forests are well stratified, with layers closer to the ground. The above statements represent the characteristics of which of the following types of vegetation?

(a)Tropical Wet Evergreen

(b)Tropical Semi Evergreen

(c)Tropical Moist Deciduous

(d)Tropical Dry Deciduous

Ques. 22)

Which among the following conditions is/are favorable for the formation and intensification of tropical cyclones?

1. Sea surface temperature higher than 27°C

2. Absence of coriolis force

3. Pre-existing high pressure area Select the correct answer using the code given below.

(a)1 and 3 only

(b)2 and 3 only

(c)1 only

(d)1, 2 and 3

Ques. 23)

Which of the following is/are the characteristics of Moist Deciduous Forests?

1. These forests have a parkland landscape with open stretches.

2. The rainfall ranges between 100-200 cm.

3. Tussocky grass grows as the under growth in these forests. Select the correct answer using the code given below.

(a)1 and 2 only

(b)2 only

(c)1, 2, and 3

(d)None

Ques. 24) Consider the following statements regarding extra tropical cyclones:

1. They are formed along the polar front.

2. They can originate over both land and sea.

3. They move from west to east.

Which of the statements given above is/are correct?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 only

(d) 1, 2 and 3

Ques. 25)

Which of the following factors influence the ocean currents?

1. Rotation of earth

2. Air pressure and Wind

3. Revolution of Earth

4. Heating by solar energy Select the correct answer using the code given below.

(a)1, 2, 3 and 4

(b)2, 3 and 4 only

(c)1, 2 and 4 only

(d)1 and 3 only

Ques. 26) With reference to the western cyclonic disturbances, consider the following statements :

1. They originate over the Mediterranean sea.

2. They are brought into India by the westerly jet stream.

3. Arrival of these cyclonic disturbances characterized by decrease in the prevailing night temperature.

Which of the statements given above is/are correct?

(a) 1 only

(b) 1 and 2 only

(c) 1, 2 and 3

(d) None 88. Consider the following pairs of forest and region: 1. Tropical Evergreen Forests : : Western Himalayas 2. Dry Deciduous Forests : Khasi Hills 3. Moist Deciduous Forests : Eastern slopes of the Western Ghats Which of the above pairs is/are correctly matched? 1 and 2 only 2 only 3 only 1, 2 and 3

Ques. 28)

Which of the following statements is/are correct with regard to temperature distribution over oceans?

1. Temperature decreases from equator to pole because of decreasing trend of insolation.

2. Oceans in southern hemisphere receive less heat due to their less contact with land.

3. Winds blowing from land to sea increase the sea surface temperature near coast. Select answer using the code given below.

(a)1 and 2 only

(b)2 only

(c)1 and 3 only

(d)1, 2 and 3

Ques. 29) With reference to the weather during winter season in India, consider the following statements:

1. A low pressure centre develops in region lying to the north of the Himalayas.

2. The surface winds blowing from Central Asia reach India in the form of a dry continental air mass. 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

Ques. 30) Consider the following statements withregard to cropping seasons in India:

1. Kharif season in India largely coincideswith Southwest Monsoon.

2. The rabi season begins with the onset ofwinter.

3. Zaid is a short duration summercropping season beginning afterharvesting of rabi crops

Which of the statements given above is/arecorrect?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3only

(d) 1, 2 and 3

Ques. 31)

Which among the following could be thereasons for low livestock farming inequatorial regions?

1. Poor growth of meadow grass.

2. Cattle prone to diseases.

3. Scanty rainfall.Select the correct answer using the codegiven below.

(a) 1 and 3 only

(b) 1 and 2 only

(c) 2 only

(d) 1, 2 and 3

Ques. 33)

Which among the following include economic activities of Mediterranean climate?

1. Wine production

2. Orchard farming

3. Cotton cultivation Select the correct answer using the code given below.

(a) 1 and 3 only

(b) 2 and 3 only

(c) 1, 2 and 3

(d) 1 and 2 only

Ques. 34) With reference to dust particles in atmosphere, consider the following statements:

1. They are generally concentrated in the lower layers of the atmosphere.

2. They are highly concentrated in equatorial and polar regions.

3. They assist in the formation of clouds.

Which of the statements given above are correct?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 35)

Which of the following are features of the Cool Temperate Western Margin climate?

1. Adequate rainfall throughout the year.

2. Presence of four distinct seasons.

3. Mild winters and cool summers. Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 36) Consider the following statements:

1. There are large changes in the mean temperature over short distances.

2. Precipitation types and its intensity vary spatially.

3. There is vertical zonation of climatic types with elevation. The above statements represent the characteristics of which of the following types of climates?

(a) Cold Snow Forest Climates

(b) Highland Climates

(c) Dry Climates

(d) Polar Climates

Ques. 37)

Which of the following is/are responsible for causing floods in India?

1. Cyclone

2. Sediment deposition

3. Deforestation Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 1 only

(c) 2 only

(d) 1, 2 and 3

Ques. 38)

Which of the following statements regarding temperate and tropical deserts are correct?

1. Cold ocean currents help in the formation of tropical deserts.

2. The annual range of temperature in temperate desert is higher than tropical desert.

3. While the major temperate deserts are located on the eastern coast of the continents, the tropical deserts are located on the western coast. Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1, 2 and 3

(d) 1 and 3 only

Ques. 39) Consider the following statements:

1. Isobars are lines connecting places having equal temperatures.

2. The isobars in the northern hemisphere are highly distorted due to large areas occupied by continents.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 40)

Which of the following phenomena may be associated with temperature inversion?

1. Occurrence of dense fogs in winter mornings.

2. Accumulation of smoke and dust particles in lower atmosphere. 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

Ques. 41) With reference to El Nino Modoki, consider the following statements:

1. It is characterized by warming in the central tropical Pacific and cooling in the eastern and western tropical Pacific.

2. It increases the frequency of cyclones over the Arabian Sea. 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

Ques. 42)

Which of the following factors influence the climate of Europe?

1. Westerlies

2. North Atlantic Drift

3. Alpine System Select the correct answer using the code give below.

(a) 3 only

(b) 2 and 3 only

(c) 1, 2 and 3

(d) 1 and 2 only

Ques. 43) Soils of tropical and equatorial climates are very low in humus content because of:

1. high precipitation

2. low bacterial growth 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

Ques. 44) Consider the following statements about surface waves:

1. They propogate on the interface of two mediums like earth and atmosphere.

2. They can travel in solid, liquid and gas materials.

3. They are last to report on seismograph and are more destructive.

Which of the statements given above is/are correct?

(a) 1 only

(b) 1 and 2 only

(c) 1 and 3 only

(d) 2 and 3 only

Ques. 45)

Which of the following is/are factors responsible for condensation?

1. presence of hygroscopic nuclei

2. low temperature

3. presence of moisture Select the correct answer using the code given below.

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 46) With reference to heat budget of the Earth, consider the following statements:

1. The earth's atmosphere absorbs no heat from the incoming solar radiation.

2. Clouds reflect more incoming radiation than the earth's cryosphere.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 47) With reference to atmospheric carbon dioxide, consider the following statements:

1. It is the largest constituent of the Earth's atmosphere.

2. In the atmosphere, it is not found beyond the troposphere.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 48)

Which of the following local and seasonal winds blow towards the Mediterranean sea from surrounding areas?

1. Chinook

2. Mistral

3. Sirocco Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 49) With reference to the tropical cyclone, consider the following statements:

1. Kerala is less prone to tropical cyclone as compared to Odisha.

2. Hyderabad is more prone to disaster from tropical cyclone than Vishakapatnam.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 50)

Which among the following processes is primarily responsible for flooding the atmosphere with oxygen during the evolution of Earth?

(a) Degassing

(b) Photosynthesis

(c) Volcanic eruptions

(d) Diastrophism

Ques. 51)

Which of the following atmospheric layers exhibit increase in temperature with increasing altitude?

1. Troposphere

2. Stratosphere

3. Mesosphere

4. Thermosphere Select the correct answer using the code given below.

(a) 1 and 3 only

(b) 2 and 4 only

(c) 1, 2 and 3 only

(d) 2, 3 and 4 only

Ques. 52)

Which of the following is/are the Pull factors of Migration?

1. High population pressure on land

2. Lack of basic infrastructure facilities

3. Better opportunities for education

Select the correct answer using the code given below.

(a) 1 only

(b) 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 53) Consider the following statements regarding the cultivation of coffee plant:

1. It requires rich, well-drained loamy soil.

2. It grows in warm climate having 100-200 cm rainfall annually.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 54)

Which of the following similarities are observed between the Mediterranean and Monsoon type of agriculture?

1. Intensive agriculture

2. Practice of both dry farming and wet farming

3. Domination of horticultural crops .

Select the correct answer using the code given below.

(a) 1, 2 and 3

(b) 1 and 2 only

(c) 2 only

(d) 3 only

Ques. 55)

Which of the following is/are favourable climatic conditions for jute cultivation?

1. Mean monthly temperature of about 25°C

2. 150 cm to 200 cm rainfall

3. New alluvial or loamy soil

Select the correct answer using the code given below.

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 56)

Which of the following is the correct arrangement of these crops in the decreasing order of their requirement for rainfall?

(a) Cotton> Mustard> Sugarcane> Jute

(b) Jute> Sugarcane> Cotton> Mustard

(c) Mustard> Cotton> Sugarcane> Jute

(d) Sugarcane> Cotton> Jute> Mustard

Ques. 57) With reference to plate tectonics theory, consider the following statements

1. Plates are composed only of continental crust.

2. The movement of hot softened mantle below the crust causes the plate movement.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 59) Consider the following pairs: pass: Mountain Range

1. Banihal : Great Himalayas

2. Khardung La : Ladakh Range

3. Zoji La : Pir Panjal Range

Which of the pairs given above is/are correctly matched?

(a) 1, 2 and 3

(b) 2 only

(c) 3 only

(d) 1 and 3 only

Ques. 60) With reference to the easterly jet stream, consider the following statements :

1. It sets in along 14° North latitude during summer months.

2. It is responsible for the burst of the monsoon in India.

Which of the statements given above is/are correct ?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 61) The Narmada and Tapi rivers flow through rift valleys. With respect to this, consider the following statements:

1. The rift valleys are caused through upheaval of Himalayas and subsidence of peninsular region.

2. These rivers though having large rich alluvial deposits are devoid of deltas.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 62) The circulation pattern of planetary winds depends on which among the following factors?

1. Distribution of continents and oceans

2. Emergence of pressure belts

3. Rotation of earth

Select the correct answer using the code given below.

(a)1 and 2 only

(b)3 only

(c)2 and 3 only

(d)1, 2 and 3

Ques. 63) With reference to basic lava, consider the following statements:

1. It is highly fluid.

2. It forms gentle sloping volcanoes.

3. It has a high percentage of silica.

Which of the statements given above are correct?

(a) 1 and 2 only

(b) 1 and 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 64)

Which of the following can result from earthquakes?

1. Landslides

2. Liquefaction

3. Tsunami Select the correct answer using the code given below.

(a)1 and 2 only

(b)2 only

(c)1 and 3 only

(d)1, 2 and 3

Ques. 65) The temperature of air at any place is influenced by which among the following factors?

1. Latitude of the place

2. Altitude of the place

3. Presence of warm and cold ocean currents Select the correct answer using the code given below.

(a)1, 2 and 3

(b)1 and 3 only

(c)2 and 3 only

(d)1 only

Ques. 66)

Which among the following sources provide information regarding the interior of earth?

1. Rocks on the surface of earth

2. Volcanic Eruptions

3. Meteors Select the correct answer using the code given below.

(a)1 and 2 only

(b)2 and 3 only

(c)1 and 3 only

(d)1, 2 and 3

Ques. 67)

Which one of the following is related to the formation of crust, mantle and core?

(a) Differentiation

(b) Degassing

(c) Photosynthesis

(d) Solar winds

Ques. 68) With reference to earthquakes, hypocenter refers to:

(a) the point on earth's surface which experience the seismic waves first.

(b) the point where P waves and S waves meet.

(c) the point where the energy is released during the earthquake.

(d) the point on the earth where earthquake waves are not experienced.

Ques. 69)

Which among the following statements is not correct regarding primary waves of earthquake?

(a) They are similar to sound waves.

(b) They travel only through solid medium

(c) They are generated due to the release of energy at the focus.

(d) The denser the material, the higher is the velocity of these waves.

Ques. 70) With respect to the island groups around India, consider the following statements:

1. Andaman and Nicobar islands are elevated portion of submarine mountains.

2. Lakshadweep Islands are built of coral deposits.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 71) Consider the following statements:

1. The distance between two longitudes decreases towards the poles.

2. The distance between two latitudes increases towards the poles.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 72) Consider the following statementsregarding energy resources:

1. Geothermal energy is generated from themagma in the mantle and lower crust ofthe earth.

2. Tidal energy is dependent on position ofthe Moon and Sun with respect to theEarth.

Which of the statements given above is/arecorrect?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 73) Coal reserves in India occur in which of thefollowing river valleys?

1. Damodar

2. Godavari

3. Mahanadi

4. SonSelect the correct answer using the codegiven below.

(a) 1 and 3 only

(b) 2 and 4 only

(c) 1, 2 and 3 only

(d) 1, 2, 3 and 4

Ques. 74) Consider the following statements regarding mid oceanic ridge:

1. They occur when convection currents rise in the mantle beneath the oceanic crust

2. They occur where boundary of the tectonic plate is divergent

3. The biggest oceanic ridges are formed along the subduction zones.

Which of the statements given above is/are correct?

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2, and 3

Ques. 75) Consider the following statements regarding Mohorovicic discontinuity:

1. It is the boundary between crust and mantle

2. Its average depth is same beneath oceanic and continental crust.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 77) Consider the following statements regarding epeirogenic forces:

1. They form continents and oceans.

2. Fold formation in the crust is the predominant feature of epeirogenic forces.

3. Under it, rock masses move in vertical direction to the earth's surface under epeirogenic forces.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) 1 and 3 only

(d) 1, 2 and 4

Ques. 78) With reference to our solar system, consider the following statements:

1. All planets revolve around the sun in circular orbits.

2. All the planets have natural satellites.

3. Inner planets have ring systems around them.

Which of the statements given above is/are correct?

(a) 1 and 2 only

(b) 3 only

(c) 1 only

(d) None

Ques. 79) Consider the following statements about limestone and chalk landforms:

1. These land forms are made up of calcium carbonate and magnesium

2. There is an abundance of surface drainage on these landforms

3. Stalactites and stalagmites are underground features of these landforms

Which of the statements given above is/are correct?

(a) 1 only

(b) 1 and 2 only

(c) 1 and 3 only

(d) 2 and 3 only

Ques. 80) The indigenous NavIC satellite constellation offers which of the following services?

1. Disaster management

2. Vehicle tracking and fleet management

3. Precise timing Select the correct answer using the code given below.

(a) 2 only

(b) 1, 2 and 3

(c) 1 and 2 only

(d) None

Ques. 81) Consider the following pairs: Layers/spheres Properties

1. Crust : consists of oceanic and continental plate

2. Lithosphere : consists of crust and upper most mantle

3. Asthenosphere : a part of lower mantle

Which of the pairs given above is/are correctly matched?

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 82) Consider the following pairs: Minor Feature Relief Properties

1. Seamount : a mountain with pointed summits, rising from the seafloor

2. Submarine canyons : a ring-shaped reef

3. Atoll : deep valleys in continental shelves and slopes

Which of the pairs given above is/are correctly matched?

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 83) Consider the following pairs: Celestial Bodies Description

1. Comet : Rocks orbiting between Mars and Jupiter

2. Asteroid : Rock originating in outer solar system accompanied by a tail

3. Meteor : A burning rock appearing as streak of light in earth’s atmosphere

Which of the pairs given above is/are correctly matched?

(a) 1, 2 and 3

(b) 3 only

(c) 2 and 3 only

(d) None of the above

Ques. 84) Consider the following statements:

1. The midday sun is exactly overhead at least once a year on all latitudes.

2. The angle of sun’s rays goes on increasing towards the poles.

Which of the above statements is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 87) With reference to Isotherms, consider the following statements:

1. During winters in the northern hemisphere, they deviate towards north over the ocean.

2. In southern hemisphere they almost run parallel to the latitudes.

3. They intersect each other at the equator.

Which of the statements given above are correct?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 88)

Which of the following are the direct sources of information about the interior of Earth?

1. Ocean Drilling

2. Volcanic eruption

3. Earthquake

4. Magnetic field Select the correct answer using the code given below.

(a) 1, 2, 3 and 4

(b) 1 and 2 only

(c) 2 and 4 only

(d) 3 and 4 only

Ques. 89) The crustal surface is uneven because of:

1. variations in geothermal gradients within the earth

2. crustal thickness and strength 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

Ques. 90) The only active volcano under Indian territory was in news recently. Where is that volcano situated?

(a) Dhosi Hill

(b) Narcondam Island

(c) Baratang Island

(d) Barren Island

Ques. 91) Japan is the only Asian country to have a well-developed hydel-power.

Which of the following factors can be attributed to this?

1. Well- distributed and abundant precipitation

2. Lack of coal

3. Mountainous topography

Select the correct answer using the code given below.

(a) 2 only

(b) 2 and 3 only

(c) 1, 2 and 3

(d) 1 only

Ques. 92)

Which of the following regions are sparsely populated?

1. Ice caps and very cold regions

2. Areas having high rainfall near equator

3. Mountainous regions

4. Coastal regions

Select the correct answer using the code given below.

(a) 1 and 4 only

(b) 3 and 4 only

(c) 1, 2 and 3 only

(d) 1, 2, 3 and 4

Ques. 93) The Sinai peninsula is situated between which of the following seas?

(a) Red sea and Mediterranean sea

(b) Caspian sea and Black sea

(c) Mediterranean sea and Black Sea

(d) Red sea and Black sea

Ques. 94) With respect to a river system, consider the following statements:

1. The boundary line separating one drainage basin from the other is known as the watershed.

2. An area drained by a river and its tributaries is called a drainage basin.

Which of the statements given above is/are correct?

(a)1 only

(b)2 only

(c)Both 1 and 2

(d)Neither 1 nor 2

Ques. 95) Consider the following pairs: Local storms of hot weather season Region

1. Mango showers : Karnataka

2. Bardoli Chheerha : Assam

3. Kalbaisakhi showers : West Bengal

Which of the pairs given above is/are correctly matched.

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 96)

Which of the following countries are landlocked?

1. Colombia

2. Bolivia

3. Paraguay

4. Venezuela Select the correct answer using the code given below.

(a)1 and 3 only

(b)2 and 3 only

(c)2 and 4 only

(d)1, 3 and 4 only

Ques. 97)

Which of the following is/are the implication of the vast longitudinal extent of India?

1. The variation in climate from tropical to sub-tropical zone.

2. A time difference of n between the easternmost and the westernmost parts of the country. 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

Ques. 98) Consider the following statements regarding the wheat cultivation in India:

1. It is cultivated in rabi season

2. It is primarily a crop of tropical zone.

3. It increases the natural fertility of soils through nitrogen fixation.

Which of the statements given above is/are correct?

(a) 1 and 3 only

(b) 2 only

(c) 2 and 3 only

(d) 1 only

Ques. 100) India is not a member of which among thefollowing regional trade blocs?

1. Organization of the Petroleum ExportingCountries (OPEC)

2. Association of Southeast Asian Nations(ASEAN)

3. Commonwealth of Independent States(CIS)Select the correct answer using the codegiven below.

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 101) What is the correct sequence of occurrenceof the following cities in West Asia as oneproceeds from North to South?

1. Baghdad

2. Riyadh

3. Kuwait city

4. SanaSelect the correct answer using the codegiven below.

(a) 3-2-1-4

(b) 1-3-2-4

(c) 1-2-4-3

(d) 1-2-3-4

Ques. 102) Korea strait is a sea passage between

(a) Japan and South Korea

(b) Japan and China

(c) North Korea and China

(d) North Korea and South Korea

Ques. 103) 'It is widely practised by many tribes in thetropics, especially in Africa, south andcentral America and south east Asia. Thevegetation is usually cleared by fire, and theashes add to the fertility of the soil'.Above passage describe which of thefollowing type of cultivation?

(a) Extensive subsistence agriculture

(b) Shifting cultivation

(c) Extensive commercial grain cultivation

(d) Mixed farming

Ques. 104) Consider the following pairs of tribes and their country:

1. Bushman: Australia

2. Zulus : Brazil

3. Maoris : New Zealand

Which of the pairs given above is/arecorrectly matched?

(a) 1 and 2 only

(b) 1 and 3 only

(c) 3 only

(d) 1, 2 and 3

Ques. 105) Consider the following pairs:Iron rich region Country

1. Lorraine : Japan

2. Ruhr : Russia

3. Great Lakes : USA

Which of the pairs given above is/arecorrectly matched?

(a) 1 and 2 only

(b) 3 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 106)

Which of the following regions is known asthe Big Game Country?

(a) African Savannah

(b) Brazillian equatorial forests

(c) Arctic Siberia

(d) Tropical Monsoon Forests

Ques. 107) Arrange the following water bodies criticalto the world's oil trade from west to east:

1. Strait of Hormuz

2. Suez Canal

3. Bab al MandebSelect the correct answer using the codegiven below.

(a) 1-2-3

(b) 1-3-2

(c) 2-3-1

(d) 3-1-2

Ques. 109) The state of Jharkhand does not share boundary with which of the following states?

(a) Uttar Pradesh

(b) Madhya Pradesh

(c) Odisha

(d) Chhattisgarh

Ques. 111) Consider the following pairs: Islands Location

1. Paracel : South China Sea

2. Hawaii : Atlantic Ocean

3. Diego Garcia : Pacific Ocean

Which of the pairs given above is/are correctly matched?

(a) 1 and 2 only

(b) 1 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 112) India has recently launched ‘Ocean Forecasting System’ for which of the following countries?

1. Venezuela

2. Madagascar

3. Namibia Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 2 only

(c) 2 and 3 only

(d) 1 and 3 only

Ques. 113) 'Rakhine state’ of Myanmar borders which of the following countries?

1. China

2. India

3. Bangladesh Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 3 only

(c) 2 and 3 only

(d) 1 only

Ques. 114) Consider the following statements regarding Border Road Organization:

1. It develops and maintain roads in border areas and friendly neighbouring countries.

2. It is an organization under Ministry of Defence.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 115) Consider the following statements:

1. A strait is a narrow stretch of land separating two water bodies.

2. An isthmus is a narrow passage of water connecting two water bodies.

Which of the statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ques. 116)

Which of the following countries surround Gulf of Thailand?

1. Cambodia

2. Vietnam

3. Philippines

4. Myanmar Select the correct answer using the code given below.

(a) 1, 2, 3 and 4

(b) 1 and 2 only

(c) 1, 3 and 4

(d) 2 and 4 onl

Ques. 117) With respect to India’s borders with its neighbours, consider the following statements:

1. India- Myanmar boundary runs along the watershed between Brahmaputra and Irrawady rivers.

2. India shares longest international border with Pakistan.

3. India shares boundary with Afghanistan through Wakhan corridor.

Which of the statements given above is/are correct?

(a) 1 and 2 only

(b) 2 and 3 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 118) While moving in the direction of the East African Rift Valley from south to north direction, which of the following countries will be crossed?

1. Tanzania

2. Nigeria

3. Kenya

4. Ethiopia Select the correct answer using the code given below.

(a) 1, 2, 3 and 4

(b) 1, 3 and 4

(c) 2 and 3 only

(d) 1 and 4 only

Ques. 119)

Which of the following problems are faced by the industrial sector in developed countries?

1. Competition from Market Blocs

2. Shifting of capital by Multinational Corporations

3. Regional disparities

Select the correct answer using the code given below.

(a) 1 only

(b) 2 and 3 only

(c) 1, 2 and 3

(d) 1 and 3 only

Ques. 120) With respect to mineral wealth of the world, consider the following pairs: Iron ore region Country

1. Manchuria : China

2. Krivoy Rog : USA

3. Ruhr : Australia

Which of the pairs given above is/are correctly matched?

(a) 1, 2 and 3

(b) 2 only

(c) 1 only

(d) 1 and 3 only

Ques. 121) Consider the following statements:

1. Productive irrigation is meant to provide sufficient soil moisture in the cropping season to achieve high productivity.

2. Protective irrigation is meant to protect crops from disease and pests by spraying pesticides mixed in water.

Which of the following statements given above is/are correct?

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2 Which of the pairs given above is/are tertiary rather than secondary sector. 3. Southern India is more urbanized than Northern India. Which of the statements given above is/are correct?

Ques. 122) Pangong Tso Lake, which holds strategic importance for India’s Defence on borders, is located along the boundary of which country?

(a) China

(b) Nepal

(c) Bhutan

(d) Myanmar

Ques. 123)

Which among the following tribes are found in Andaman and Nicobar Islands?

1. Onge

2. Jarawas

3. Sentinelese

4. Apatani

Select the correct answer using the code given below.

(a) 1, 2 and 3 only

(b) 2, 3 and 4 only

(c) 1, 2 and 4 only

(d) 1, 3 and 4 only

Ques. 124)

Which among the following crops are grown during rabi season in India?

1. Maize

2. Rice

3. Cotton

Select the correct answer using the code given below.

(a) 1 only

(b) 1 and 2 only

(c) 1, 2 and 3

(d) None

Ques. 125) Unlike the rivers of Northern India, rivers of Peninsular India are not ideal for navigation.

Which of the following is/are the major reasons behind this?

1. Seasonal nature of peninsular rivers

2. Shorter than rivers of northern India

3. Lesser number of waterfalls

Select the correct answer using the code given below.

(a) 1 only

(b) 1, 2 and 3

(c) 1 and 2 only

(d) 2 and 3 only

Ques. 128) The inland waterways are contributing only one percent to country’s transportation.

Which of the following are the reasons of its underdevelopment?

1. Poor maintenance

2. High energy cost

3. Competition from roads

4. Diversion of river water for irrigation purposes

Select the correct answer using the code given below.

(a) 1 and 3 only

(b) 1, 3 and 4 only

(c) 2 and 4 only

(d) 2, 3 and 4 only

Ques. 130) Which of the following is/are the likely consequences of the migration?

1. Growth of the country’s economy

2. Over exploitation of natural resources

3. Change in rural demographic structure

4. Evolution of composite culture

Select the correct answer using the code given below.

(a) 1 and 2 only

(b) 1 and 3 only

(c) 2, 3 and 4 only

(d) 1, 2, 3 and 4

Ques. 131) Consider the following pairs: Oceanic current: corresponding desert

1. Benguela Current : Namib Desert

2. Humboldt Current : Atacama Desert

3. California Current : Mojave Desert

Which of the pairs given above is/are correctly matched?

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 132) Consider the following pairs: Species Climatic Region

1. Rosewood : Tropical Evergreen

2. Teak : Tropical Thorn Forests

3. Tendu : Dry Deciduous Forests

Which of the pairs given above is/are correctly matched?

(a)1 and 3 only

(b)1 and 2only

(c)2 and 3 only

(d)3 only

Ques. 133) Consider the following pairs: Desert Location

1. Rub al khali : Turkey

2. Dasht-e Kavir : Iran

3. Mojave : Saudi Arabia

Which of the above pairs is/are correctly matched?

(a) 1 only

(b) 2 only

(c) 2 and 3 only

(d) 1 and 3 only

Ques. 135) Which of the following economic activitiesare undertaken extensively in Steppe type ofgrasslands?

1. Nomadic herding

2. Mechanized wheat cultivation

3. Pastoral farmingSelect the correct answer using the codegiven below.

(a) 2 and 3 only

(b) 1 and 2 only

(c) 1 and 3 only

(d) 1, 2 and 3

Ques. 136) In comparison to temperate regions,commercial extraction of timber resources islow in tropical forests due to which of thefollowing reasons?

1. Trees do not occur in homogenous stands.

2. Absence of frozen surfaces.

3. Tropical hardwoods are too heavy to floaton water.Select the correct answer using the codegiven below.

(a) 1 only

(b) 1 and 2 only

(c) 2 and 3 only

(d) 1, 2 and 3

Ques. 137)

Which of the following are the characteristics of coniferous forests?

1. The leaves are broad leaved and trees have a large spread which provides shade during summer months.

2. There is no annual replacement of leaves.

3. They can be found in both temperate and tropical regions. Select the correct answer using the code given below.

(a) 1, 2 and 3

(b) 2 and 3 only

(c) 1 and 2 only

(d) 1 and 3 only

Ques. 138)

Which one of the following regions of India has a combination of montane, moist deciduous and evergreen forests?

(a) North-eastern Hills

(b) Andaman and Nicobar Islands

(c) Eastern Highlands

(d) Western Himalayas

Ques. 139)

Which of the following cities is/are correctly matched with their type of climate? City Climate

1. Rome : Meditteranean

2. Sydney : Savannah

3. Kuala Lumpur : Equatorial Select the correct answer using the code given below.

(a) 1 and 3 only

(b) 1only

(c) 2and3only

(d) 1, 2 and 3