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2017

Test Booklet Series



T.B.C.  
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**GEOGRAPHY**

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**TIME ALLOWED: 2 Hrs.**

**MAX. MARKS: 200**

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### **INSTRUCTIONS**

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET
2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number and Test Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. DO NOT  write anything else on the Test Booklet.
4. This Test Booklet contains 100 items (questions). Each item is printed in English. Each item comprises four responses (answers.) You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each item.
5. You have to mark all your responses ONLY on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. All items carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. Penalty for wrong answers:
  - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, ON-THIRD of the marks assigned to that question will be deducted as penalty.
  - (ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.
  - (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

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- Q.1** Consider the following feature which affects the climate of India.
1. Distance from the sea
  2. Southern Oscillation
  3. Westerly Jet streams
  4. La-Nina
- Which of the above are incorrect?
- (a) 1 and 3                      (b) 1 and 4  
(c) 2 only                      (d) None of the above
- Q.2** Which among the following processes occurs during the Hydrological Cycle?
1. Infiltration
  2. Evaporation
  3. Condensation
  4. Precipitation
  5. Evapo-transpiration
- Choose the right answer by using the codes given below:
- (a) 2, 3 and 4 only  
(b) 1, 2, 3 and 4 only  
(c) 1, 2, 3 and 5 only  
(d) All of the above
- Q.3** Read the following statements carefully and choose the right answer by using the codes given below:
1. Intensive Subsistence agriculture is largely found in densely populated regions of monsoon Asia.
  2. Extensive commercial grain cultivation is practiced in the semi-arid lands of the mid-latitudes.
  3. The entire operations of cultivation are mechanized in intensive cultivation as compared to the extensive cultivation.
- Which of the above statements is/are correct?
- (a) 1 and 2 only  
(b) 1 and 3 only  
(c) 1, 2 and 3 only  
(d) All of the above
- Q.4** Which of the following statement(s) is/are correct for dry land farming?
1. In India, dry land farming is done in those regions where annual rainfall is less than 75 c.m.
  2. Crops like Jute and Sugar cane are produced in these agricultural regions which are capable to bear dryness.
- Which of the above statements is/are correct?
- (a) Only 1                      (b) Only 2  
(c) 1 and 2 both              (d) Neither 1 nor 2
- Q.5** What are the factors that have favoured the Wheat production in North West India?
1. Western disturbances.
  2. Fertile alluvial soil brought down mainly by Indus and Ganga river system.
  3. Semi arid region.
- Choose the correct code from the following:
- (a) 1, 2 only.                      (b) 2, 3 only.  
(c) 1, 3 only.                      (d) All the above
- Q.6** Choose the false statement among the following statements:
- (a) The southwest monsoon is a continuation of the southeast trade wind, deflected towards the Indian subcontinent after crossing the equator.
  - (b) In winter India is under the influence of North West monsoon due to westerly jet stream.
  - (c) The southwest monsoon sets in over the Kerala coast by around 1st June.
  - (d) The shift in the position of the ITCZ is related to the phenomena of the withdrawal of the westerly jet stream from its position over the north Indian plain.
- Q.7** Consider the following statements about land reporting area in India.
1. Area under actual forest cover is greater than area classified as forest'.
  2. There can be an increase in the forest cover of India without any increase in the actual forest cover.
  3. Forest cover also includes plantations.
- Choose the correct answer using the codes below:
- (a) 1 and 2                      (b) 2 and 3  
(c) 1 and 3                      (d) All of the above
- Q.8** Common property resources (CPRs) in rural areas are important for social security because
1. They can be used as pasture grounds by weak and landless communities
  2. Increase in area under nonagricultural use
  3. Women from tribal communities can extract fuel and fodder from CPRs

Choose the correct answer using the codes below:

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

**Q.9** Which of the following crops can be grown in both kharif and rabi seasons in India?

1. Rice                      2. Wheat  
3. Groundnut              4. Jowar

Choose the correct answer using the codes below:

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

**Q.10** Consider the following statements and identify the right ones.

- (i) Green revolution ensured that there was no regional disparity  
(ii) There was increase in production of all the food grains and commercial crops.

- (a) (i) only                      (b) (ii) only  
(c) both                      (d) none

**Q.11** Consider the following statements about the Maize crop.

1. It can be grown on inferior soils.  
2. It is sown all over India except eastern and north-eastern regions.  
3. Yield level of maize is higher than other coarse cereals.

Choose the correct answer using the codes below:

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

**Q.12** There has been an increase in arsenic concentration in groundwater in West Bengal and Bihar. This is due to

- (a) Excessive withdrawal of groundwater  
(b) Industrial pollution  
(c) Acid rain  
(d) Runoff from agricultural lands

**Q.13** Consider the following statements-

1. Physiological density refers to the ratio of total population to that of net cultivated area  
2. Agricultural density refers to the ratio of total agricultural population to that of net cultivable area

Which of the given statements are true-

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

**Q.14** The Global Commons are understood as areas and resources that do not fall under sovereign jurisdiction. Which one of the following cannot be considered a Global Common?

- (a) The high seas and deep ocean floor beyond the exclusive economic zone  
(b) Antarctica  
(c) Outer space  
(d) The Arctic Circle

**Q.15** Which among the following statement is incorrect about the Composition of Atmosphere?

1. The higher concentration of dust particles is found in equatorial and subtropical regions.  
2. Carbon dioxide and water vapor are found only up to 90 km from the surface of the earth.  
3. In atmosphere upto 120 km height oxygen is present in sufficient amount.

Choose the right answer by using the codes given below:

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

**Q.16** Identify the local wind based on the nature and characteristics as given below:

1. Cold wind rushing towards the rhone valley  
2. Violent gusts  
3. Most frequent during winters  
4. The houses, the orchards of the area and rivers have thick rows of trees planted as a protective measure

Which of the above statements is/are correct?

- (a) Tremonta                      (b) Mistral  
(c) Bora Bora                      (d) Gragale

**Q.17** Identify the climate based on the following characteristics:

1. The basic cause of the climate is the shifting of wind belts.  
2. Dry, warm summer with off-shore trade winds.  
3. Winter rain with on-shore westerlies.

Which of the above statements is/are correct?

- (a) Savanna type of climate  
(b) Steppe type of climate  
(c) Mediterranean type of climate  
(d) China type of climate.

**Q.18** Consider the following statements with reference to the 'Thunderstorms':

1. Thunderstorm occurs relatively at a less area for a short while but they are aggressive.
2. Thunderstorm is fully developed cumulus cloud which creates thunder and light.
3. Thunderstorm is produced by moisture, unstable air and lift.

Which of the above statements is/are correct?

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

**Q.19** Which of the following influences the temperature of air at any place?

1. The latitude of the place
2. The altitude of the place
3. The airmass circulation
4. Local aspects
5. Continentality

Choose the correct answer by using the codes given below:

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

**Q.20** Read the following statements carefully and choose the right answer by using the codes given below:

1. Cirrus clouds are thin and detached clouds always white in colour.
2. Cumulus Clouds look like cotton wool and can be seen scattered here and there.
3. Nimbus clouds are dense clouds formed at middle levels or very near to the surface of the earth.

Which of the above statements is/are correct?

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

**Q.21** Read the following statements carefully and choose the right answer by using the codes given below:

1. Advection is transfer of heat through horizontal movement of air.
2. Advection is important in heating the lower layers of atmosphere.
3. Flow of energy from warmer body to cooler body takes place through convection.

4. In middle latitudes, most of the diurnal variations in daily weather are caused by convection alone.

Choose the following codes:

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

**Q.22** Consider the following statements regarding the differences between Cyclone & Anti-cyclone:

1. When a cyclone approaches there is a rise in the barometric reading, while an anticyclone causes barometric reading to fall.
2. The isobars are closer in a cyclone when compared to that in an anticyclone.
3. Winds converge at the eye of the cyclone and diverge at the eye of anti-cyclone.
4. In northern hemisphere cyclonic circulation is clockwise, while anti-cyclonic circulation is clock-wise in southern hemisphere.

Which of the statements given above is/are incorrect?

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

**Q.23** Identify the climatic region based on the following characteristics:

1. The influence of Westerlies all year round
2. Region of cyclonic activity
3. Warm summers and mild winters
4. Ideal for maximum comfort and mental alertness

Which of the statements given above is/are correct?

- (a) Eastern Margin Climatic Region  
 (b) Warm Temperate Western Margin  
 (c) Cool Temperate Western Margin Region  
 (d) Cool Continental Climatic Region

**Q.24** Read the following statements carefully and choose the right answer by using the codes given below:

1. Polar jet streams blow with greater speeds than the tropical jet streams.
2. Polar night jet streams become very strong with high wind velocity during winters.
3. Polar jets are very strong and occur at higher altitudes, while the sub-tropical jets occur at lower altitudes.

Which of the above statements is/are correct?

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

**Q.25** Consider the following statements with reference to the World distribution of rainfall:

1. Rainfall goes on decreasing steadily as we move from equator to poles.
2. Between the latitudes of 350 and 400 N and S of equator, rainfall is first received on the western margins of the continents and it goes on decreasing towards the east.
3. Between the latitude of 450 and 650 N and S of equator, the rain is heavier on the eastern coasts and goes on decreasing towards the west.

Which of the above statements is/are correct?

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

**Q.26** Read the following statements carefully and choose the right answer by using the codes given below:

1. During the June Solstice, all locations north of the equator have day lengths greater than twelve hours.
2. During the December Solstice, the South Pole is leaned towards 23.5 degrees towards the sun.
3. During the equinoxes, the day lengths are exactly 12 hours regardless of the latitude.

Which of the above statements is/are correct?

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

**Q.27** Which of the following facts prove that Earth is spherical?

1. Lunar Eclipse.
2. Planetary bodies are spherical.
3. Circum-navigation of the earth.
4. The sun rises and sets at different times in different places.

Choose the right answer by using the codes given below:

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

**Q.28** Which among the following statements are the properties of Black hole?

1. They are invisible.
2. Have extremely strong gravitational field.
3. They are formed from a very massive white dwarf star.
4. They cannot be detected by any means.

Select the correct answer using code given below.

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

**Q.29** Consider the following statements about 'Tides' and choose the right answer by using the codes below:

1. Tides are caused by the gravitational pull of both the sun and moon and centrifugal force.
2. Meteorological effects such as winds and atmospheric pressure changes also contribute to the origin of tides.
3. Both the tide and ebb is experienced once at every place on the earth's water surface within 24 hours.
4. The tidal bulges on wide continental shelves have lesser height.

Which of the above statements is/are correct?

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

**Q.30** Read the following statements carefully and choose the right answer by using the codes given below:

1. A mineral is a naturally occurring inorganic substance having an orderly structure and a definite chemical composition and physical properties.
2. About 98% of the total crust of the earth is composed of eight elements like oxygen, silicon, aluminium, iron, calcium, sodium, potassium and magnesium.
3. The basic structure of all minerals is the hot magma in the interior of the earth.

Which of the above statements is/are correct?

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

**Q.31** Which of the following are correctly matched?

**LIST-I**

1. Japanese Island Arc
2. Rockies Mountains
3. Alps
4. Himalayas

**LIST-II**

- A. Convergence of two oceanic plates
- B. Convergence of continental and oceanic plates
- C. Convergence of continental and oceanic plates
- D. Convergence of two continental plates

Choose the correct answer using the code below:

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

**Q.32** They are the mass of intrusive rocks; found at the base of the syncline or at the top of anticline; have definite conduit to beneath in the form of magma chambers" Which of the following rocks is described in the above passage?

- (a) Batholith
- (b) Lacolith
- (c) Lapolith
- (d) Phacolith

**Q.33** Consider the following statements about plate tectonic.

1. New crust is created at the convergent boundary.
2. When oceanic crust meets continental crust, the oceanic crust gets subducted forming mountain range on the continent.
3. Transform faults are the plane of separation generally found perpendicular to mid-oceanic ridges.

Which of the above statements is/are correct?

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

**Q.34** "It is one of the most important components of sand and granite; consisting of silica; virtually insoluble in water; used in radio and radar"

The above passage describes which of the following material.

- (a) Pyroxene
- (b) Mica
- (c) Feldspar
- (d) Quartz.

**Q.35** The process of solifluction involves slow downslope flowing of soil mass or fined grained rock debris saturated with or lubricated with water. In which of the following regions do this process prominently occurs?

- (a) Equatorial rainfall region
- (b) Tropical region
- (c) Moist temperate region
- (d) Savanna.

**Q.36** Which of the following countries is a landlocked one?

- (a) Laos
- (b) Cambodia
- (c) Vietnam
- (d) Thailand

**Q.37** Which of the following processes are the examples of Diastrophism.

1. Orogenic processes
2. Epeirogenic processes
3. Plate tectonic
4. Earthquake

Code:

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

**Q.38** Which of the following countries touches Caspian Sea?

1. Russia
2. Turkmenistan
3. Turkey
4. Iran
5. Azerbaijan

Code:

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

**Q.39** Ocean currents are the large masses of surface water that circulate in regular pattern. Which of the following factors influence the circulation of ocean currents?

1. Salinity of the ocean water
2. Temperature of the ocean
3. Earth's rotation
4. Obstruction by land

Which of the above reasons is/are correct?

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

**Q.40** Consider the following statements.

1. A canyon is wider at the base and narrower at the top.
2. Canyons are generally formed in hard rocks.
3. A gorge is very deep valley with very steep to straight height.

Which of the above statements is/are not correct?

- (a) 1 only                      (b) 2 and 3  
(c) 1 and 2                    (d) none of the above.

**Q.41** Consider the following statements.

1. Movement of water saturated clay down low angle terrace is called landslides.
2. Mudflow occurs in the area of low rainfall and low vegetation.
3. The slump is slipping of one or several unit's of rock debris with backwards movement.

Which of the above statements is/are correct?

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

**Q.42** Which of the following features of river prominently appears in middle course?

1. Ox-bow lakes
2. Cataracts
3. Gorge

Code:

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

**Q.43** The northern part of India lies in the subtropical and temperate zone, while area lying south of the tropic of cancer lies in tropical zone. Consider the following statements in this regard.

1. The tropical zone experiences high daily and annual range of temperature.
2. The area north of the tropic of cancer experiences low daily and annual range of temperature.

Which of the above statements is are correct?

- (a) 1 only                      (b) 2 only  
(c) 1 and 2                    (d) none of the above.

**Q.44** El Nino phase attenuates which of the following circulation over the eastern coast of pacific.

- (a) Hadley cell circulation
- (b) Polar cell circulation
- (c) Walker cell circulation
- (d) None of the above

**Q.45** Which of the following reasons is/are associated with the break period in the Monsoon?

1. The absence of rain-bearing storms in the north India.
2. Blowing of winds perpendicular to west coast.

Code:

- (a) 1 only                      (b) 2 only  
(c) 1 and 2                    (d) none of the above.

**Q.46** Which of the following regions receives substantial rainfall during the winter season?

1. Tamil Nadu coast
2. Punjab-Haryana region
3. Arunachal Pradesh and Assam

Code:

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

**Q.47** In which of the following areas do the annual variability of rainfall is highest?

1. Eastern plains of Ganga
2. Northern parts of Jammu and Kashmir
3. Western Ghats

Code:

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

**Q.48** According to Koeppen classification of climatic zone in India, which of the following regions represent 'cold humid winter with short summer climate'

- (a) Western coast south of Goa
- (b) Eastern Coromandel coast of Tamil Nadu
- (c) Jammu and Kashmir
- (d) Arunachal Pradesh.

**Q.49** Shola forest landscape is an example of

- (a) Dry deciduous forest
- (b) Moist deciduous forest
- (c) Thorn Forests
- (d) Evergreen Montane forest.

**Q.50** In which of the following biosphere reserves do the globally endangered species of Dugong Dugon can be found out?

- (a) Sunderban Biosphere reserve
- (b) Gulf of Mannar Biosphere reserve.
- (c) Simlipal Biosphere reserve
- (d) Dibrushaikhowa Biosphere reserve.

**Q.51** Which of the following region is called as Molasses basis made up of small unconsolidated rocks.

- (a) Chhattisgarh
- (b) Arunachal Pradesh
- (c) Mizoram
- (d) Himachal Pradesh

**Q.52** Consider the following statements

1. Photu la and Jhelep la are the passes situated in the state of Sikkim.
2. Palghat pass is situated in Sahyandri hills of Maharashtra.
3. Rohtang pass is situated in the PirPanjal range of Himachal Pradesh.

Which of the above statements is/are correct?

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

**Q.53** Narmada river does not form delta in its course. Consider the following reasons.

1. The Narmada deposits its alluvial material in the cracks hence, there is lack of deltaic material in it.
2. The Western coast of India is a submerged coast.

Which of the above reasons is/are correct?

- (a) 1 only                        (b) 2 only  
(c) 1 and 2                      (d) none of the above.

**Q.54** In general, which of the following soils is/are not suitable for cultivation.

1. Laterite soil
2. Fine-grained red soil
3. Saline soil

Code:

- (a) 3 only                        (b) 2 and 3  
(c) 1 and 3                      (d) none of the above.

**Q.55** Which of the following conditions is/are required for the formation of tropical cyclones?

1. Absence of Coriolis force.
2. Presence of strong vertical wind wedge
3. Large and continuous supply of warm and moist air

Code:

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

**Q.56** 'There is low soil moisture that is necessary to support the vegetation' Which of the following types of drought is described in the above sentence?

Code:

- (a) Meteorological drought  
(b) Hydrological drought  
(c) Ecological drought  
(d) Agricultural drought.

**Q.57** Extensive mechanized grain farming has the characteristic features of

1. Low yield per acre
2. High yield per man
3. Steppe - type climate
4. Once roamed by nomadic hardsmen and hunters

Codes:

- (a) Only 1 and 3 are correct  
(b) Only 2 and 3 are correct  
(c) Only 1, and 4 are correct  
(d) All are correct

**Q.58** Consider the following statements

1. Gondwana coal can be found in Assam and Himalayan foothills
2. Tertiary coal can be found in In damodar valley

Which of the above statements is/are incorrect?

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

**Q.59** Which one of the following is not correctly matched?

- (a) Antecedent drainage - Himalayas  
(b) Dendritic drainage - Ganga basin  
(c) Trellis drainage - West coastal plain  
(d) Radial drainage - Amarkantak Plateau

**Q.60** Arrange the following forests type in the increasing order of their share in the Total Forest Area.

1. Tropical Dry Deciduous.
2. Tropical Wet Evergreen.
3. Tropical Semi-Evergreen.
4. Tropical Moist Deciduous.

Select the correct answer using the code given below.

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

**Q.61** Which of the following is/are the main source(s) of geothermal energy of the earth's crust?

1. The radioactive decay of animals.
2. The presence of nickel and iron at the core of the earth.
3. Absorption of the solar energy deep into the core of the Earth.

Choose the correct answer from the following codes:

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



**Q.62** Consider the following statements regarding biogas which is a very important source of energy in rural areas.

1. Biogas has a higher thermal efficiency compared to charcoal, cow dung, kerosene.
2. Not only biogas serves as a source of energy in the form of fuel but also can be used as source of manure for farm crops.
3. It is slightly less environment friendly as it releases green house gases when burnt as a fuel.

Choose the incorrect code from the following

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

**Q.63** Migration is an unavoidable worldwide phenomenon.

Which among the following is/are the not the push factors for rural to urban migration especially in India.

1. Unemployment.
2. Health and education facilities.
3. Monsoon vagaries.
4. Caste disabilities.

Choose from the code given below :

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

**Q.64** Seasonal migration of people with their animals is called

- (a) Attrition
- (b) Jhumming
- (c) Transhumance
- (d) Migration

**Q.65** Consider the following statements about the Aravallis?

1. They are the oldest mountain ranges of India.
2. Aravalli is an example of block mountains.
3. Guru Shikhar is the highest peak of Aravalli range.
4. Aravalli hills lie perpendicular to the direction of monsoon winds causing heavy rainfall in eastern Rajasthan.

Which of the above statements are correct?

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

**Q.66** India and its neighboring countries are generally referred to as the Indian

Subcontinent.

The reason behind this is:

- (a) Political dominance of India
- (b) Region's isolation from rest of the world
- (c) Vast size of the country
- (d) Typical trade links with the rest of the world

**Q.67** Consider the following

1. A group of volcanic islands
2. Group of coral islands
3. A group of islands that lie in the centre of the oceans
4. A group of islands that lie in close proximity

Which of the above statements does not belong to the category of Archipelago?

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

**Q.68** Which of the following is / are the characteristic/ characteristics of Indian coal?

1. High ash content
2. Low sulphur content
3. Low ash fusion temperature

Select the correct answer using the codes given below.

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

**Q.69** Which of the following is opposite to the term "Population aging"?

- (a) Sub-replacement fertility
- (b) Pensions crisis
- (c) Demographic trap
- (d) Demographic Dividend

**Q.70** The concept of 'over population' is based on the

- (a) Absolute number of people in an area
- (b) Density of population in that area
- (c) Availability of food in that area
- (d) Supporting capacity of the land in terms of varied human occupations.

**Q.71** Consider the following statements with respect to 'Indian Leather Development Programme'

1. It is under Ministry of Skill Development and Entrepreneurship
2. It will provide support to Artisans for formation of SHGs, product development, capacity building, providing centralized common facilities centres and marketing linkages

Which of the following statements is/are correct?

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

**Q.72** Consider the following statements with respect to National Committee on Trade Facilitation (NCTF)

1. It is in line with the WTO's Trade Facilitation Agreement (FTA)
2. It is chaired by Chief Economic Adviser
3. It is an inter - ministerial body on trade facilitation

Which of the following statements is/are correct?

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

**Q.73** Consider the following statements with respect to 'Swacch Yug'

1. It aims to make all villages along the banks of the Ganga Open Defecation Free
2. It is concerning Uttarakhand, Uttar Pradesh, Bihar, Jharkhand and West Bengal
3. Ministry of Youth Affairs and Sports is a part of this campaign

Which of the following statements is/are correct?

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

**Q.74** Consider the following statements in regard to electronic payment system Unified Payments Interface (UPI) which is in news recently:

1. Unified Payments Interface (UPI) system was launched by National Payments Corporation of India (NPCI), the umbrella organisation for all retail payments in the country.
2. Unlike NEFT or RTGS, which typically takes a little more than an hour, UPI provides immediate payment service but is available only during the bank's working hours.

Select the correct statement(s) from below options:

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

**Q.75** Consider the following statements with

respect to 'Access to Justice' Project

1. It addresses the legal needs of the marginalised and vulnerable sections of society
2. The project is a partnership between United Nations Development Programme and Department of Justice, Ministry of Law and Justice
3. The Project is being implemented in Jammu & Kashmir and Chhattisgarh in its 2nd phase (2012-2017)

Which of the following statements is/are correct?

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

**Q.76** Consider the following statements in regard to G20:

1. The Group of Twenty (G20) comprises 19 countries plus the European Union.
2. The G20 was started in 2008 in the aftermath of the global financial crisis.
3. The G8 seeks cooperation on economic issues facing the major industrial economies, while the G20 reflects the wider interests of both developed and emerging economies.

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

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

**Q.77** Which of the following statements is correct with respect to LIDAR?

- (a) It works on the principle of radar, but uses light from a laser
- (b) It uses sound propagation to navigate, communicate with or detect objects on or under the surface of the water
- (c) It used sound waves to detect any object
- (d) None of the above

**Q.78** Consider the following statements with respect to Magnetars

1. It is a type of a neutron star
2. They are differentiated from other neutron stars by having even stronger magnetic fields and rotating comparatively slowly
3. The magnetic field decay powers the emission of X-rays and gamma rays

Which of the following statement(s) is/are

correct?

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

**Q.79** Consider the following statements concerning Polymetallic Nodules (PMN)

1. They are called as manganese nodules
2. It contains nickel, cobalt and copper beside manganese
3. India has contract for exploration of PMN in Central Indian Ocean Basin with the International Seabed Authority (ISA)

Which of the following statements is/are correct?

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

**Q.80** Consider the following statements in regard to recently launched first ever coastal corridor project in India:

1. India's first coastal industrial corridor will connect Mundra Port and Mumbai.
2. Multilateral funding agency Asian Development Bank to fund this project to spur development and enable seamless trade links.

Which if the above statement(s) is/are correct?

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

**Q.81** Trade in Services Agreement (TiSA) is often in news. Consider the following statements with respect to TiSA

1. It is a trade agreement currently being negotiated by 23 members of the World Trade Organisation (WTO), including the European Union
2. It is based on the WTO's General Agreement on Trade in Services (GATS)
3. Only developed countries are part of TiSA

Which of the following statements is/are correct?

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

**Q.82** Consider the following statements about National Investment and Infrastructure Fund (NIIF)

1. The NIIF is established as one or more Alternate Investment Funds (AIF) under the SEBI Regulations.
2. NIIF is eligible for a pass through

status under the Income Tax Act.

3. NIIF can have various sector-specific or investor-specific close ended Schemes ("funds") and each fund may issue various classes of units.

Which of the following statements is/are correct?

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

**Q.83** Which of the following statement is/are correct?

1. PSLV is designed mainly to deliver the "earth observation" or "remote-sensing" satellites in LEO
2. GSLV is designed mainly to deliver the "communication- satellites" in GEO
3. An orbit is called sun-synchronous when the angle between the line joining the centre of the Earth and the satellite and the Sun is constant throughout the orbit
4. Low Earth Orbit (LEO) is in the range of 600- 900 Km altitude whereas Geo-synchronous Earth orbit (GEO) is about 36000 Km altitude

Choose the appropriate code:

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

**Q.84** With reference to the newly constituted National Council of Senior Citizens, consider the following statements:

1. It aims to advise Central and State Governments on matters related to welfare of senior citizens.
2. It is chaired by the Prime Minister.

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

**Q.85** With reference to India Insurance Nuclear Pool, which of the following statements is/are correct?

1. It provides for insurance coverage to citizens against any nuclear damages.
2. It has been created under the Civil Liability for Nuclear Damage (CLND) Act 2010
3. It is launched by the General

Insurance Corporation of India.  
 Select the correct answer using the code given below.

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

**Q.86** Recently launched Tarang Mobile App, "E-Trans" and DEEP e-bidding portals are associated with which of the following sectors?

- (a) Highways (b) Railways  
 (c) Power (d) Port

**Q.87** With reference to Dark Sky Reserve, consider the following statements:

1. It is an area free of light pollution.
2. It is used for astronomical observations.
3. There is no certified dark sky reserve in India.

Which of the statements given above is/are correct?

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

**Q.88** As per the Logistics Exchange Memorandum of Agreement (LEMOA) signed recently between India and the United States

1. India will form a military alliance with USA and obliged to supply its armed forces for extended operations in the event of a call by USA.
2. United States is obliged to supply cutting-edge technology to India which is presently available only to its closest allies.
3. The agreement explicitly provides for establishment of USA military bases in India.

Select the correct answer using the codes below.

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

**Q.89** The Logistics Performance Index (LPI) measures the performance of a country's logistics across which of the following components?

1. Volume and economic value of logistics clearance each year
2. International shipments
3. Average number of Corruption cases

exposed by the governmental investigative agencies

Select the correct answer using the codes below.

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

**Q.90** Consider the following about Sagarmala Development Company (SDC).

1. It will be under the administrative control of the Ministry of Commerce and Industry.
2. The main objective of the company is to identify port-led development projects under the Sagarmala Programme.
3. It would undertake the preparation of the detailed master plans for the Coastal Economic Zones (CEZs) identified as part of the National Perspective Plan (NPP).

Select the correct answer using the codes below.

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

**Q.91** Pradhan Mantri Ujjwala Yojana aimed at replacing the unclean cooking fuels mostly used in the rural India with the clean and more efficient LPG (Liquefied Petroleum Gas). Some of the objectives of the scheme are:-

1. Empowering women and protecting their health
2. Providing basic health check facility for the respiratory diseases due to indoor air pollution.
3. Preventing young children from significant number of acute respiratory illnesses caused due to indoor air pollution by burning the fossil fuel

Which of the above statements is/are correct, answer using the codes below:-

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

**Q.92** The name of the drug, recently introduced under National Tuberculosis Program for the treatment of Tuberculosis (TB) is:-

- (a) Rifampicin (b) Bedaquiline  
 (c) Lopinavir (d) Efavirenz

**Q.93** The basic idea behind 'Universal Basic

Income' is that:-

1. Every citizen should be provided some basic income in return of some work done under any government program
2. The receiver of basic income would have to prove one's economic status to be below certain specified level of income.

Which of the above statement(s) is/are correct, answer using the codes below:-

- (a) 1 only                      (b) 2 only  
(c) Both 1 and 2              (d) Neither 1 or 2

**Q.94** India has recently rejected an attempt of some western countries to push for Investor-State Dispute Settlement (ISDS) mechanism, in this regard 'ISDS mechanism' :-

1. Permits companies to drag governments to international arbitration without exhausting the local remedies.
2. Allows investors to claim huge amounts as compensation citing losses they suffered due to reasons, including policy changes.

Which of the above statement(s) is/are correct, answer using the codes below:-

- (a) 1 only                      (b) 2 only  
(c) Both 1 and 2              (d) Neither 1 or 2

**Q.95** Recently, National Pharmaceutical Pricing Authority (NPPA) revised the prices of HIV, asthma, malaria drugs. Consider the following statements with respect to NPPA.

1. NPPA is under the Ministry of Consumer Affairs, Food and Public Distribution
2. It recovers amounts overcharged by manufacturers for the controlled drugs from the consumers
3. It was established under the Drugs (Prices Control) Order, 1995

Which of the following statements is/are correct?

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

**Q.96** Consider the following statements regarding Kala-Azar

1. Kala-azar belongs to the Neglected Tropical Diseases (NTD)
2. It persists under the conditions of

poverty and are concentrated exclusively in the developing world

3. It is a parasitic disease transmitted by the aeges agypties mosquitos

Which of the following statements is/are correct?

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

**Q.97** Consider the following statement about International solar alliance, choose incorrect statement.

- (a) It is an initiative by India.
- (b) The ISA is to be headquartered in India.
- (c) Sunshine countries, which come either completely or partly between the Tropic of Cancer and the Tropic of Capricorn can be part of ISA.
- (d) None of the above.

**Q.98** USTAAD SCHEME is launched for

- (a) Upgradation of the Skills and to provide training in Traditional Arts/ Crafts
- (b) Promotion of Hindustani Classical music.
- (c) Promotion of Carnatic music.
- (d) Promotion of sport culture in students.

**Q.99** Which of the following state has been declared "Open Defecation Free"

1. Bihar
2. Kerala
3. Himachal Pradesh
4. Sikkim
5. Gujarat

Choose the correct option using code below

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

**Q.100** Which of the following defence product(s) indigenously developed by India,

1. TEJAS
2. RISAT - Radar Imaging Satellite
3. NAG anti tank missile
4. Agni-V

Select the correct code:

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

