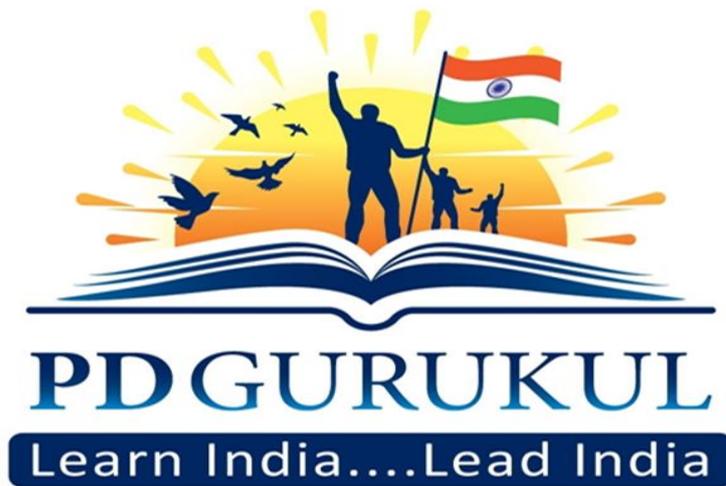


PRELIMS TEST SERIES 2019

TEST 2-GEOGRAPHY, CURRENT AFFAIRS



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INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS BOOKLET DOES NOT HAVE ANY UNPRINTED OR TURN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.

2. Do NOT write anything else on the Test Booklet.

3. 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 with you consider the best. In any case, choose ONLY ONE response for each item.

4. You have to mark all your responses ONLY on the separate Answer Sheet provided. See direction in the answers sheet.

5. All items carry equal marks. Attempt all items. Your total marks will depend only on the number of correct responses marked by you in the answer sheet. For every incorrect response $1/3^{\text{rd}}$ of the allotted marks will be deducted.

6. 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 sheets as per instruction sent to you with your Admission Certificate.

7. After you have completed filling in all responses on the answer sheet and the examination has concluded, you should hand over to Invigilator only the answer sheet. You are permitted to take away with you the Test Booklet.

8. Sheet for rough work are appended in the Test Booklet at the end.

1. What is the importance of the Xinjiang region that is frequently in news?

1. Aksai Chin, a disputed territory between India and China, falls in this region.
2. It is China's largest natural gas-producing regions.
3. It borders some the countries of Central Asia along with Russia, Afghanistan and Pakistan Occupied Kashmir (POK).
4. It borders the Tibet Autonomous Region where several movements are active against the Chinese occupation.

Select the correct answer using the codes below.

- A. 1 and 3 only
- B. 1, 2 and 4 only
- C. 1, 2, 3 and 4
- D. 2 and 3 only

2. Consider the following statements about the agreements signed between India and USA in the recent past.

1. Logistics Exchange Memorandum of Association (LEMOA. gives access, to both countries, to designated military facilities on either side for mounting surgical strikes on mutual target countries.
2. Defence Technology and Trade Initiative D.TTI) aimed at simplifying technology transfer policies and exploring possibilities of co-development and co-production to invest the defence relationship with strategic value.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

3. The Draft Food Safety and Standards (Labeling and Display) Regulations 2018 aims to regulate which of the following areas?

1. Labeling of genetically modified (GM) food
2. Display of information on premises where food is manufactured, processed, served and stored
3. Requirements for food contact materials in non-retail containers and packaged food additives for retail sale

Select the correct answer using the codes below.

- A. 1 only
- B. 2 and 3 only
- C. 1 and 2 only
- D. 1, 2 and 3

4. Jews are NOT recognized as a religious minority in which of the following states of India?

- A. Gujarat
- B. Maharashtra
- C. Kerala
- D. West Bengal

5. Consider the following about the recent initiatives of NASA.

1. GRACE-FO helps track Earth's water movement to monitor changes in underground water storage and sea level caused by the addition of water to the ocean.
2. RAMA project aims to discover asteroids, with the help of robots, on which spacecraft's can be parked for future missions.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

6. Consider the following statements.

1. The relationship status of India and Russia was elevated to the level of a “Special and Privileged Strategic Partnership” from a mere “Strategic Partnership” in 2017.
2. The Annual Summit meeting between the Prime Minister of India and the President of the Russian Federation is the highest institutionalized dialogue mechanism in the strategic partnership between India and Russia.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

7. With reference to National Small Industries Corporation Limited (NSIC., consider the following statements.

1. It is a Mini Ratna PSU.
2. It was initially established to provide grants to eligible small scale industries (SSI) in backward regions of the country.
3. It falls under the Department of Industrial Policy and Promotion D.IPP).

Select the correct answer using the codes below.

- A. 1 only
- B. 1 and 3 only
- C. 2 only
- D. 1, 2 and 3

8. Members of the National Green Tribunal (NGT) are chosen by a selection committee headed by

- A. Minister of Law and Justice
- B. Sitting judge of the Supreme Court of India

C. Minister of Environment, Forest and Climate Change

D. Cabinet Secretary

9. The Uttarakhand high court has declared the entire animal kingdom, including birds and aquatic animals, as a legal entity having rights of a “living person”. This interpretation draws upon the philosophy of which of the following articles of the constitution?

- A. Article 12
- B. Article 19
- C. Article 21
- D. Article 28

10. The major difference in standards between the existing BS-IV and the new BS-VI auto fuel norms is with regards to the reduction of

- A. Sulphur
- B. Carbon dioxide
- C. Arsenic
- D. Lead

11. Eta Carinae was recently in news because

- A. It is a celestial body that is accelerating particles to high energies some of which may reach the earth as cosmic rays
- B. It is the only star, other than our sun, for which we have surface images.
- C. It is a giant, old, orange star that is cooler than the Sun
- D. It is about 14,000 times brighter than the Sun and if it were at the center of our Solar System, it would extend beyond the orbit of Jupiter

12. Consider the following statements about the Ayushman Bharat – National Health Protection Mission A.B-NHPM):

1. A beneficiary covered under the scheme will be allowed to take cashless benefits from any public or private empanelled hospital across the country.
2. The benefit cover will include pre and post-hospitalisation expenses.
3. Pre-existing conditions will not be covered under the policy.
4. It takes care of almost all secondary care needs but tertiary care procedures will need to be insured by third-party insurance.
5. A maximum of three members will be covered from a household under the scheme.
6. It is a Universal scheme with entitlements decided uniformly across the covered population to cut down biased sampling errors.

Select the correct answer using the codes below.

- A. 2, 3, 4 and 5 only
- B. 3, 5 and 6 only
- C. 1 and 2 only
- D. 1, 4 and 6 only

13. What are the benefits enjoyed by ‘Institutions of Eminence’?

1. Both public and private institutions will get financial assistance up to Rs. 1000 Crore over a period of five years.
2. They will be able to offer all their courses online apart from the offline classroom programmes.
3. They will be able to recruit foreign faculty and admit foreign students.

Select the correct answer using the codes below.

- A. 1 and 3 only
- B. 2 and 3 only
- C. 3 only
- D. 1 and 2 only

14. Department of Industrial Policy and Promotion D.IPP), Ministry of Commerce and Industry, has released the final rankings of States in Ease of Doing Business based on the Business Reform Action Plan B.RAP). Consider the following about BRAP.

1. BRAP focuses on, inter alia, labour regulation enablers and contract enforcement.
2. Healthcare and Hospitality sectors are excluded from BRAP.
3. Andhra Pradesh was ranked as the best and Jharkhand the worst state based on these rankings.

Select the correct answer using the codes below.

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 only
- D. 1, 2 and 3

15. Consider the following statements.

1. V.K.R.V. Rao, the then Indian Minister of Education, played an important role in the formation of the International Association of Sanskrit Studies
2. A. L. Basham and A. K. Narain, eminent historians of Ancient India, were behind the setting up of the International Association of Buddhist Studies (IABS).

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

16. What is the difference between Formaldehyde and Formalin?

1. Formaldehyde in its basic form is liquid whereas Formalin is a gas.
2. Formaldehyde can be disposed of via the sanitary sewer system, but formalin must be disposed in hazardous chemical wastes.
3. Formaldehyde is inflammable whereas Formalin is flammable.

Select the correct answer using the codes below.

- A. 1 only
- B. 1, 2 and 3 only
- C. 2 only
- D. 1 and 2 only

17. For an Individual, information extracted from his DNA Profiling can be used to

1. Determine the colour of the skin and eyes
2. Establish immigration eligibility based on his family lineage
3. Determine allergies and susceptibility to diseases

Select the correct answer using the codes below.

- A. 1 only
- B. 1, 2 and 3
- C. 1 and 3 only
- D. 2 and 3 only

18. The species recovery programme of the Union Environment Ministry covers which of the following species?

1. Common Myna
2. Red Panda
3. Vultures
4. Clouded Leopard

Select the correct answer using the codes below.

- A. 2 and 3 only
- B. 1, 2 and 3 only
- C. 2, 3 and 4 only
- D. 1 and 4 only

19. The “Sendai Framework for Disaster Risk Reduction 2015-2030” was adopted during the Third UN World Conference on Disaster Risk Reduction held in Sendai, Japan in 2015. Consider the following about it.

1. It is a voluntary and non-binding agreement.
2. It is a successor instrument to the Hyogo Framework for Action (HFA. 2005-2015).

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

20. PAT (pad abort test), recently conducted by ISRO, is likely to be useful in

- A. Future space manned missions
- B. Conserving solid onboard fuel of rockets
- C. Auto-recovery of orbiting spacecrafts
- D. Harnessing solar power in geo-synchronous orbits

21. If a triangle is made with the capital of the nations of Belgium, Hungary and Madrid, which of these nations will fall completely inside the triangle?

- A. Italy
- B. Switzerland
- C. France
- D. Macedonia

22. Only one side of the moon is visible to us on the earth mainly due to

- A. Rotational velocity of the Moon
- B. Geoid shape and axial tilt of the earth
- C. Atmospheric refraction
- D. The other side of the Moon does not reflect any sunlight

23. Consider the following statements.

1. Earth's magnetic axis and rotational axis do not coincide.
2. Direction of earth's magnetic axis can be found by taking a tangent to any point on the inner Van Allen radiation belt.
3. Magnetic equator circles the earth as a smooth line like the geographic equator, albeit on a different plane.
4. Earth's magnetic dipole passes through the Centre of the earth.

Which of the above is/are correct?

- A. 1 and 4 only
- B. 1, 3 and 4 only
- C. 1 only
- D. 2 and 3 None

24. Consider the following statements.

Assertion A.: By looking at sedimentary rocks of different ages, scientists can figure out how climate has changed through Earth's history.

Reason (R): Sedimentary rocks contain fossils of organisms of previous ages.

In the context of the above, which of these is correct?

- A. A is correct, and R is an appropriate explanation of A.

B. A is correct, but R is not an appropriate explanation of A.

C. A is correct, but R is incorrect.

D. Both A and R are incorrect.

25. Consider the following statements.

1. The expansion created by the 'Big Bang' continues even to the present day.
2. Soon after the Big Bang, the Universe became highly opaque and temperatures started rising till the atmosphere was formed.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

26. Consider the following social indicators of India and the right numbers associated with them:

1. Infant Mortality Rate (IMR): 55
2. Maternal Mortality Rate (MMR): 230
3. Under-5 Mortality Rate: 26

Select the correct answer using the codes below.

- A. 3 only
- B. 1 and 2 only
- C. 1 and 3 only
- D. 2 and 3 only

27. The country with the longest coastline, among the following, is

- A. Spain
- B. France
- C. Norway
- D. Italy

28. You will never see the mid-day Sun exactly overhead on which of the following locations?

1. Latitudes very close to South Pole
2. Any longitude touching North Pole

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

29. Bering strait connects which of the following oceans/seas?

1. Arctic Ocean
2. Atlantic Ocean
3. Pacific Ocean
4. Mediterranean Sea

Select the correct answer using the codes below.

- A. 1 and 2
- B. 1 and 3
- C. 2 and 4
- D. 3 and 4

30. Consider the following statements about the geography of India.

1. India is situated between 10° N and 35° N latitudes.
2. East-West extent of India is greater than its North-South Extent.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

31. A comet tail becomes visible when

1. Illuminated by Sun
2. Comet gas is condensed to ice debris at low temperatures

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

32. Which of the following physical features of Europe lie in between or surrounded by the Northern Plains, Ural Mountains and Carpathians?

- A. Alps
- B. East European Plain
- C. Iberian Peninsula
- D. Adriatic Sea

33. The South China Sea disputes involve both island and maritime claims among several sovereign states/regions. Other than China, they include

1. Indonesia
2. Taiwan
3. Philippines
4. Cambodia

Select the correct answer using the codes below.

- A. 1, 2 and 3 only
- B. 1, 2, 3 and 4
- C. 1, 3 and 4 only
- D. 2 and 4 only

34. Which of the following correctly differentiates the events of equinox with that of solstice?

1. In a solstice only a particular tropic receives direct vertical rays of the Sun unlike in an equinox when the equator receives direct vertical rays of Sun.
2. Solstice is caused only due to rotation of the earth, whereas equinox is caused only due to revolution of the earth.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

35. What do the rings around Jupiter, Saturn and Uranus largely contain?

- A. White dwarf flux
- B. Icy dust, large rocks and moons of the planets
- C. Comets and asteroids only
- D. Satellites of these planets only

36. If the earth starts rotating east to west, which of the following shall be correct?

1. Places West of Greenwich will be behind the Greenwich Time.
2. Places located on the same longitude northwards will be ahead in time than those located southwards.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

37. Asia is separated from Europe by the

- A. Arctic Circle
- B. Ural Mountains
- C. Siberian plains
- D. Volga River

38. Consider the following statements.

1. All planets between the Earth and the Sun in our solar system contain volcanoes.
2. There is evidence for the existence of ice, as well as water, on the surface of planets other than earth.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

39. In India, rocks of which of the following regions was formed the earliest?

- A. Indo-Gangetic plain
- B. Lower Shiwaliks
- C. North-eastern Himalayas
- D. Deccan Traps

40. The country that shares its international borders with the largest number of neighbours in the world is

- A. Brazil
- B. China
- C. Switzerland
- D. India

41. The temperature of earth material usually tends to increase as we go inwards. The retained heat on earth can be attributed to which of the following phenomena?

1. Frictional heating of earth's material facilitated by gravitation
2. Heat from the decay of radioactive elements

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

42. The Terrestrial and Jovian planets are largely differentiated on the basis of loss of atmosphere from the former. Which of the following characteristics of terrestrial planets enabled this loss of atmosphere?

1. Their larger size as compared to most Jovian planets
2. Their nearness to Sun

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

43. Countries that lie west to a straight line joining Warsaw and Athens are

1. Austria
2. Belarus
3. Italy
4. Belgium

Select the correct answer using the codes below.

- A. 1, 3 and 4 only

B. 1, 2, 3 and 4

C. 2 and 3 only

D. 2 and 4 only

44. Which of the following state/UT governments has introduced school curriculums focused on happiness, has a Happiness government department and aims to evaluate its citizen's happiness based on a "Happiness Index"?

- A. Delhi
- B. Madhya Pradesh
- C. Maharashtra
- D. Kerala

45. Consider the following statements.

1. It separates southern England from northern France.
2. It links the southern part of the North Sea to the Atlantic Ocean.
3. It is considered to be the busiest shipping area in the world.

The above refers to which of the following water bodies?

- A. Bay of Biscay
- B. San Marine Waterway
- C. English Channel
- D. North Circle

46. Consider the following statements. Oceanic crust is

1. Less dense than continental crust
2. Thinner than continental crust
3. A result of erupted mantle material

4. Poor in magnesium, but rich in Silica and Aluminum

Select the correct answer using the codes below.

- A. 2 and 3 only
- B. 1, 3 and 4 only
- C. 2, 3 and 4 only
- D. 1 and 4 only

47. Factors that help in the evolution of landforms on earth include

- 1. Movement of magma within the earth
- 2. Growth and decay of vegetation
- 3. Erosion and deposition
- 4. Frost action and glacial movement

Select the correct answer using the codes below.

- A. 1 and 3 only
- B. 2 and 4 only
- C. 1, 3 and 4 only
- D. 1, 2, 3 and 4

48. The country with the longest coastline, among the following, is

- A. Spain
- B. France
- C. Norway
- D. Italy

49) Consider the following statements

- 1. All parallel circles from the equator up to the poles are called parallels of latitudes.
- 2. The equator represents the zero degree longitude.

Which of given statements is/are correct?

- A. 1 only
- B. 2 only
- C. Both
- D. None

50) When it is 12 noon at Greenwich, the time at 12° east of Greenwich will be?

- A. 48 minutes ahead of Greenwich time
- B. 48 minutes behind Greenwich time
- C. 60 minutes ahead of Greenwich time
- D. behind Greenwich time

51) Which of the following theories is/are related to the origin of universe?

- 1. Big Bang Theory
- 2. Hoyle's Steady State Theory
- 3. The Big Splat Theory

Select the correct answer using the code give below.

- A. 1 only
- B. 1 and 2 only
- C. 2 and 3 only
- D. D.1, 2 and 3

52) With reference to the Solar system, which of the following statements is/are correct?

- 1. All planets orbit around the sun in counter-clockwise direction.
- 2. All other planets have density less than that of Earth.
- 3. All planets have at least one natural satellite.

Select the correct answer using the code given below.

- A. 1 and 2 only
- B. 1 and 3 only
- C. 2 only
- D. 2 and 3 only

53) Which of the following phenomenon are caused by the inclination of the Earth on its ecliptic plane?

1. Variation in length of day and night
 2. Variation in position of the Midday Sun
 3. Variation in intensity of solar insolation
- Select the correct answer using the code given below.

- A. 1 and 2 only
- B. 1 and 3 only
- C. 2 and 3 only
- D. 1, 2 and 3

54) With reference to Dawn and Twilight, consider the following statements:

1. It occurs when the Sun is below the horizon.
2. Their time duration decreases as one moves from pole to equator.

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

55) Consider the following processes in relation to the evolution of Earth's atmosphere:

1. Degassing
2. Loss of primordial atmosphere
3. Oxygen addition by photosynthesis process

The correct chronological order in which the processes took place is

- A. 1- 2- 3
- B. 1- 3- 2
- C. 2- 1- 3
- D. 2- 3- 1

56) Lunar eclipse occurs only on a

- A. First quarter day
- B. full moon day
- C. new moon day
- D. last quarter day

57) Every fourth year, February is of 29 days instead of 28 days. Such a year with 366 days is called a leap year. Which is a leap year?

- A. 2018
- B. 2020
- C. 2021
- D. 2022

58) Consider the following statements

1. Igneous rocks are the oldest rocks, while metamorphic are being derivative of igneous rocks and sedimentary rocks.
2. Resistance to weathering and erosion is less to metamorphic rocks compared to igneous rocks
3. Tendency to react with acids is higher to metamorphic rocks when compared to igneous rocks.

Which of the given statements is/are correct?

- A. 2 only
- B. 2 and 3
- C. 1 and 3
- D. 1, 2 and 3

59) The property of magnetism in the Earth is due to the presence of

- A. Mg and Fe silicates in the mantle
- B. Si and Mg rich rocks in the crust
- C. Fe in the core
- D. olivine and pyroxene in upper mantle

60) Which of the following closely describes a Solar system?

- A. Sun and 9 planets
- B. Sun, 8 planets and satellites
- C. Sun, 8 planets, satellites and asteroids
- D. Sun, 8 planets, satellites, asteroids and meteoroids

61) Consider the following statements

1. Tropic of Cancer is in southern hemisphere
2. Tropic of Capricorn is in the northern hemisphere
3. Prime meridian is line where 180°E and 180° W meets.
4. Torrid zone receives maximum heat because sun rays are slanting

Which of the above statements are incorrect?

- A. 1 and 2
- B. 1, 2 and 3
- C. 2, 3 and 4
- D. All of the above

62) Which of the following factors are responsible for aridity of deserts?

1. Continentally
2. Presence of cold ocean currents along the coast
3. Position at leeward side of mountains
4. Location in 'Horse Latitudes'

Select the correct answer using the code given below.

- A. 1, 2 and 3 only
- B. 1, 2, 3 and 4
- C. 2 and 4 only
- D. 3 and 4 only

63) "It is a sedimentary rock formed out of deposits of glaciers. The Gondawana system of sediments from India is known to have its counter parts in six different landmasses of the Southern Hemisphere. It provides unambiguous evidence of palaeoclimates and also of drifting of continents."

Which of the following rocks is best described in the above passage?

- A. Pumice
- B. Tillite
- C. Marble
- D. Quartzite

64) Which of the following regions is also referred to as the "Molassis basin"?

- A. Manipur
- B. Mizoram
- C. Nagaland
- D. Tripura

65) Consider the following statements with regard to effects of propagation of earthquake waves:

1. Primary waves cause stretching and squeezing of the material.
2. Secondary waves create troughs and crests in the material.

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

66) Consider the following pairs: Types of deserts Features

1. Hamada: large stretches of undulating sand dunes
2. Reg : extensive sheets of angular pebbles and gravels
3. Erg: large stretches of bare rocks

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

- A. 1 only
- B. 2 and 3 only
- C. 2 only
- D. 1 and 3 only

67) Consider the following pairs:

Peninsula Associated	Country
1. Kamchatka Peninsula :	Japan
2. Anatolian Peninsula :	Turkey
3. Labrador Peninsula :	Canada

Which of the pairs given above are correctly matched?

- A. 1 and 2 only
- B. 1 and 3 only
- C. 2 and 3 only
- D. 1, 2 and 3

68) A narrow channel of sea which separates the two land masses are known as:

- A. Pass
- B. Valley
- C. Strait
- D. Peninsular

69) The sun's rays fall vertically on Tropic of Cancer on 21 st of June. It is known as

- A. Summer Solstice
- B. Winter Solstice
- C. Equinox
- D. Heat Island

70) Which of the following statements are correct about the Standard Meridian of India?

1. 82 o 30' West latitude is taken as the standard meridian of India.
2. The standard Meridian passes through Mirzapur (UP). The time at standard meridian is taken as the standard time of India.

Select the code from below:

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

71) Which among the following are rift valley lakes?

1. Lake Titicaca
2. Caspian Sea
3. Lake Tanganyika
4. Dead Sea

Select the correct answer using the code given below.

- A. 1 and 2 only
- B. 2, 3 and 4 only
- C. 1 and 4 only
- D. 3 and 4 only

72) Which of the following tourist places are also famous volcanic Hot Spots?

1. Galapagos Island
2. Hawaii
3. Yellowstone National Park

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

73) Which of the following statements is/are correct with respect to Igneous rocks?

1. Cooling of magma in the Earth's crust leads to their formation.
2. They are also known as primary rocks.
3. Granite and Basalt are examples of igneous rocks.

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

74) With reference to 'block mountains', consider the following statements:

1. They are formed due to faulting in the earth crust.
2. They are the most widespread mountains in the world.
3. The Rhine valley in Europe is a block mountain system.

Which of the statements given above is/are correct?

- A. 1 and 3 only
- B. 2 only
- C. 2 and 3 only
- D. 1, 2 and 3

75) Which of the following best describes the process of "Lithification"?

- A. It is process of formation of rocks through compaction of sediments.
- B. It is the process of erosion of rocks and their deposition in deltaic plains.
- C. It refers to the cooling of magma to form lava plains.
- D. It refers to the metamorphosis of rocks under heat and pressure.

76) Which of the following movements can be categorized as slow mass movements?

1. Solifluction
2. Earth flow
3. Slump

Select the correct answer using the code given below.

- A. 1 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3

77) Which of the following is the correct sequence of the elements B.y weight) found in the earth's crust in decreasing order?

- A. Silicon, Oxygen, Iron, Magnesium
- B. Oxygen, Silicon, Iron, Magnesium
- C. Iron, Oxygen, Silicon, Magnesium
- D. Iron, Silicon, Oxygen, Magnesium

78) Which of the following countries share the largest land boundary with India?

- A. Pakistan
- B. China
- C. Bangladesh
- D. Nepal

79) Arrange the following surface components of planetary circulation from poles to the Equator.

- 1. Horse Latitudes
- 2. Doldrums
- 3. Polar high
- 4. Polar front
- 5. Westerlies

Select the correct answer using the code given below.

- A. 1-2-3-4-5
- B. 3-4-5-1-2
- C. 3-1-2-5-4
- D. 3-2-1-5-4

80) With reference to the temperate grasslands, consider the following statements:

- 1. The grasslands are more extensive in the northern hemisphere.
- 2. The annual precipitation is higher in the grasslands of the southern hemisphere.

Which of the statements given above are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. Neither 1 nor 2

81) Which of the following forces affect the velocity and direction of the wind?

- 1. Pressure gradient force
- 2. Frictional force
- 3. Coriolis force

Select the correct answer using the code given below.

- A. 1 and 3 only
- B. 1 and 2 only
- C. 2 and 3 only
- D. 1, 2 and 3

82) With reference to the Laurentian type of climate, consider the following statements:

- 1. It has both cold dry winters and warm wet summers.
- 2. It is only found in North America.
- 3. Its predominant vegetation is cool temperate forest.

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

83) Which of the following are the characteristic features of extra tropical cyclones?

- 1. They have a clear frontal system.
- 2. They cover a large area.
- 3. They move from west to east.

Select the correct answer using the code given below.

- A. 1 and 2 only
- B. 2 and 3 only
- C. 1 only
- D. 1, 2 and 3

84) Which of the following statements is/are correct, with reference to Inter Tropical Convergence Zone?

1. It is a low pressure zone located at the equator where Trade Winds converge.
2. In this zone air tends to descend.
3. In July, it is located around 20° N-25° N latitudes.

Select the correct answer using the code given below.

- A. 1 only
- B. 2 and 3 only
- C. 1 and 3 only
- D. 1, 2 and 3

85)'When the saturated air mass comes across a mountain, it is forced to ascend and as it rises, it expands; the temperature falls, and the moisture is condensed in the form of rainfall'. Which type of rainfall is described above?

- A. Relief Rainfall
- B. Convictional Rainfall
- C. Cyclonic Rainfall
- D. Monsoonal Rainfall

86) Consider the following statements

1. The place in the crust where the movement starts is called the epicentre.
2. The place on the surface above the Epicentre is called the focus.
3. Focus is also known as Hypocentre

Select the incorrect statements

- A. 1 and 2 only
- B. 1 and 3 only
- C. 2 and 3 only
- D. All of the above

87) Consider the following statements about landslide

1. Landslide is mass movement of rock, debris or earth down a slope
2. Reasons for landslides are steep slope, earthquake, volcanic disturbances, rainfall etc
3. Landslides can generate tsunamis.

Select the correct statements

- A. 1 and 3
- B. 2 and 3
- C. None of the above
- D. All of the above

88) With reference to Heat Budget, which of the following statements is correct?

- A. It refers to total energy received by the earth's surface in the form of long waves.
- B. It refers to the heat energy lost by earth in the form of terrestrial radiation.
- C. It refers to the balance between amount of heat received by earth and the amount of heat radiated.
- D. It refers to the proportion of solar radiation reflected from the surface of earth.

89 Consider the following statements regarding P-Waves

1. P-waves move faster and are the first to arrive at the surface.
2. These waves are of high frequency.
3. They can travel in all mediums.

Which of the given statements is/are incorrect?

- A. 3 only
- B. 1 and 2
- C. 1, 2 and 3
- D. None of the above

90) With reference to the Outer Space Treaty, its obligations and provisions, consider the following statements.

1. It prohibits the launching of ballistic missiles, which could be armed with WMD warheads, through space.
2. China is not a party to the treaty.
3. The treaty explicitly forbids any government to claim a celestial resource such as the Moon or a planet.
4. It allows state parties to hold bilateral or multilateral military exercises in space or on celestial bodies.
5. As per the treaty, if a State launches a space object, and retains jurisdiction and control over that object, it is also liable for damages caused by their space object.

Select the correct answer using the codes below.

- A. 3 and 5 only
- B. 1, 2, 3, 4 and 5
- C. 2, 3 and 5 only
- D. 1, 4 and 5 only

91) Common Services Centers (C.SCs) are a strategic cornerstone of which of the following flagship programmes of the Government of India?

- A. MGNREGA
- B. Digital India programme
- C. National Nutrition Mission
- D. Sarva Shiksha Abhiyan (SSA).

92) The concept of Special Category Status states emerged based on the

- A. Gadgil formula in 1969
- B. Second amendment to the Constitution of India
- C. States Reorganization Commission, 1956
- D. Post-liberalization (1991) discourse

93) The major purpose of the IndIGO consortium, with support from the USA, is to

1. Set up the LIGO-India detector, which would help enhance the network of gravitational wave detectors worldwide
2. Make findings about cosmic radiation widely available so that it strengthens research synergy in theoretical physics

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

94) Consider the following statements.

1. Under the RISE scheme, any deemed university in India can borrow from a Rs 1,00,000 crore corpus over the next several years to expand and build new infrastructure.
2. Higher Education Financing Agency (HEFA) was created as a Special Purpose Vehicle, supported by the Ministry of Human Resource Development (MHRD), with a consortium of private sector banks to serve as its promoter.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

95) The Reserve Bank of India has decided to set up a public credit registry (PCR) in a modular and phased manner. How this decision would be helpful to the Indian economy?

1. A PCR would fill in the credit information gap since there are no privately-owned credit information companies (C.ICs) in India.
2. The PCR will serve as a registry of all credit contracts for all lending in India and any lending

by an Indian institution to a company incorporated in India.

3. It can help banks and regulators in early intervention and effective restructuring of stressed bank credits.

Select the correct answer using the codes below.

- A. 1 only
- B. 1 and 3 only
- C. 3 only
- D. 2 and 3 only

96) Nations that have the capability to launch Inter-Continental Ballistic Missile (ICBM) are

- A. China, France, Russia, the United States and India
- B. China, France, Russia, the United States, Britain, Israel and India
- C. Germany, Russia, China, the United States, Britain, Israel and India
- D. China, France, Russia, the United States, Britain and Israel

97) Consider the following statements.

1. Wildlife Institute of India (WII) has roped in grassroot-level volunteers, called Ganga Praharis, to protect the bio-diversity of river Ganga.
2. Biodiversity Conservation and Ganga Rejuvenation project is being sponsored by National Mission for Clean Ganga (NMCG) under the aegis of the Namami Gange programme.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None

98) INDOPACOM, recently seen in news, is

- A. A joint force of the littoral nations of the Indian Ocean

B. Series of agreements concerning the utilization of resources in the Indo-Pacific region

C. A free trade area consisting of the RIM-PAC countries

D. Combatant command of USA in Indo-Asia-Pacific region

99) With reference to the National Consumer Disputes Redressal Commission (NCDRC., consider the following statements.

Assertion A.: Serving or former higher judiciary members cannot be appointed as chairperson or members of NCDRC.

Reason (R): Any person aggrieved by an order of NCDRC can appeal against such order to the Supreme Court of India.

In the context of the above, which of these is correct?

- A. A is correct, and R is an appropriate explanation of A.
- B. A is correct, but R is not an appropriate explanation of A.
- C. A is incorrect, but R is correct.
- D. Both A and R are incorrect.

100) Why recent research indicates that Ruthenium (Ru), an element of the periodic table, can be helpful in scaling of magnetic or computer memories?

1. It oxidizes readily using voltage or potential difference found in small batteries.
2. It is a ferromagnetic material and stable at high temperatures, with melting point over 2000 °C.

Which of the above is/are correct?

- A. 1 only
- B. 2 only
- C. Both 1 and 2
- D. None