

UPSC PRELIMS MOCK TEST 6

1. Consider the following statements regarding the PM- Urja Suraksha evam Utthaan Mahabhiyaan (PM KUSUM):

1. Renewable power plants will be setup by
4. The 'two plus two dialogue' has been in news recently, which of the following Minister(s) take part in the dialogue?

1. Minister of Defense
2. Minister of External Affairs
3. Minister of Commerce & Industry

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) All of the above

Correct Answer: A

Explanation:

A 'two plus two dialogue' is a term, adopted in foreign parleys, used for installation of a dialogue mechanism between two countries' defence and external affairs ministries.

Government of India's Ministers of Defense and External Affairs have in past held the 'two plus two dialogue' with Japan and United States. Secretary level 2+2 dialog have been held with Australia.

5. Consider the following statements regarding the POSHAN Abhiyaan:

1. It aims at improving nutritional outcomes for children, pregnant women and lactating mothers.
2. Ministry of Women and Child Development is the nodal Ministry for POSHAN Abhiyaan.

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

6. Which of the following is/are diagnostic test(s) for the COVID-19 disease?

1. Standard Q COVID-19 Ag detection
2. Saliva Direct
3. RT-PCR test

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) All of the above

7. Consider the following statements regarding the Start-Up Village Entrepreneurship Programme (SVEP):

1. It is a sub-scheme under the Deendayal Antyodaya Yojana – National Rural Livelihoods Mission (DAY-NRLM).
2. It promotes individual and group enterprises majorly in manufacturing, trading and service sectors.

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

8. Consider the following statements regarding the 'Levels and Trends in Child Mortality: Report 2020' from UNICEF:

1. Nigeria and India alone account for almost a third of all under-five deaths in 2019.
2. The under-five mortality rate saw more than fifty per cent reduction from 1990 to 2019.

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

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9. Which of the following statement correctly defines a 'Status of forces agreement' (SOFA)?

- Agreement to maintain status quo at border region between two nations
- A regional agreement to maintain nuclear-weapon-free zone
- Agreement of mutual defense in case of external aggression
- Agreement between a host country and a foreign nation for stationing military forces

10. Consider the following statements regarding the Jigyasa programme:

- It is a student-scientist connect programme focusing on research laboratory-based learning.
- It is being implemented by the Council of Scientific and Industrial Research (CSIR).

Which of the statements given above is/are correct?

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

11. Which of the following is/are correctly matched?

- RECOVERY trial – Coalition for Epidemic Preparedness Innovations
- Solidarity trial – World Health Organization
- COVAX – Gavi, the Vaccine Alliance

Select the correct answer using the code given below:

- 1 and 2 only
- 2 and 3 only
- 1 and 3 only
- All of the above

12. Consider the following statements regarding the Aatmanirbhar Bharat ARISE-ANIC Initiative:

- It has been launched by the Atal Innovation Mission.
- The programme will support applied research-based innovations by providing funding support for speedy development of the product.

Which of the statements given above is/are correct?

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

13. What is the mandate of the recently constituted Rajiv Mehrishi committee?

- Economic impact of interest waivers under COVID-19 related loan moratorium
- Assess the adequate size of capital reserves that the RBI should hold
- Financial parameters for restructuring of loans impacted by the COVID-19 pandemic
- Constitution of the Public Debt Management Agency

14. Consider the following statements regarding the Phosphine gas:

- It is a colorless flammable gas.
- It is an artificially produced gas and does not occur naturally.

Which of the statements given above is/are correct?

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

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15. The 'Global Initiative to reduce Land Degradation and Coral Reef' program has been launched under which of the following group/organization?

- (a) Group of Twenty (G-20)
- (b) United Nations Environment Program
- (c) World Wide Fund for Nature
- (d) International Union for Conservation of Nature

16. Which of the following is/are the Nationally Determined Contributions (NDC) of India under the Paris Agreement?

- 1. To reduce the emissions intensity of GDP by 33 to 35 percent by 2030 below 2005 levels.
- 2. To increase the share of non-fossil-based energy resources to 40 percent of installed electric power capacity by 2030.
- 3. To create an additional carbon sink of 2.5–3 billion tonnes of CO₂ equivalent through additional forest and tree cover by 2030.

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) All of the above

17. Consider the following statements regarding the Blue Flag certification:

- 1. It is an eco-label awarded to beaches, marinas, and sustainable boating tourism operators.
- 2. The certification is accorded by UN Environment Program under Ramsar Convention.

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

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

19. Consider the following statements regarding the Farmers' Produce Trade and Commerce (Promotion and Facilitation) Bill, 2020:

- 1. It allows intra-state and inter-state trade of farmers' produce outside premises of market yards formed under the state APMC Acts.
- 2. It prohibits state governments from levying market fee on farmers for trade of farmers' produce conducted in specific areas.

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

20. Which of the following is/are determinants of Minimum Support Price (MSP)?

- 1. Demand and supply
- 2. Inter-crop price parity
- 3. Cost of production

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) All of the above

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21. Which of the following country(s) recently signed the Abraham Accords?

1. Jordan
2. Israel
3. Bahrain

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) All of the above

22. Consider the following statements regarding the New START Treaty:

1. It is a verifiable U.S.-Russian nuclear arms control treaty.
2. It limits the deployed and non-deployed intercontinental ballistic missiles (ICBMs) and submarine-launched ballistic missiles (SLBMs).

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

23. Which of the following is/are correctly matched?

1. INS Vikrant – Indigenous Aircraft Carrier (IAC-I)
2. Rafale – Twin-engine multirole fighter aircraft
3. Astra – Beyond visual range air-to-air missile

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) All of the above

24. Defence Research and Development Organization (DRDO) recently conducted the flight test of ABHYAS, what is it?

- (a) High-speed Expendable Aerial Target
- (b) Anti-Tank Guided Missile
- (c) Multi barrel rocket launcher
- (d) Beyond visual range air-to-air missile

25. Consider the following statements regarding the PM SVANidhi scheme:

1. This is a Central Sector Scheme to facilitate street vendors to access affordable working capital loan.
2. Credit can be availed from the Scheduled Commercial Banks as well as Regional Rural Banks.

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

26. The Indo-Pacific Division of the Ministry of External Affairs deals with which of the following matters?

1. East Asia Summit
2. Indian Ocean Rim Association (IORA)
3. Asia-Europe Meeting (ASEM)

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) All of the above

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27. Consider the following statements regarding the Rights of Good Samaritan in India:

1. No police officer shall compel a Good Samaritan to disclose his/her name.
2. Every public and private hospital shall publish a charter stating the rights of Good Samaritans.

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

28. What is the purpose of recently inaugurated VAIBHAV Summit?

- (a) Showcase India's natural biodiversity
- (b) Leveraging the expertise and knowledge of global Indian researchers
- (c) Promoting niche tourism in India
- (d) Promoting responsible Artificial Intelligence for social empowerment

29. Which of the following is/are defence exercise(s) between India and Bangladesh?

1. Exercise Bongosagar
2. Exercise Sampri

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

30. The Global Biodiversity Outlook (GBO) is a flagship publication of which of the following convention/protocol?

- (a) Kyoto Protocol
- (b) Convention on Biological Diversity
- (c) United Nations Framework Convention on Climate Change
- (d) Montreal Protocol

31. Consider the following statements regarding the Atal Tunnel:

1. The tunnel is to connect Manali to Lahaul-Spiti valley throughout the year.
2. The Railway Tunnel is built with ultra-modern specifications in the Pir Panjal range of Himalayas.

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

32. Consider the following statements regarding the Insolvency and Bankruptcy Code 2016:

1. The code applies to companies as well as individuals.
2. Insolvency Professionals administer the resolution process and manage the assets of the debtor.
3. The Insolvency and Bankruptcy Board of India is the regulator over Insolvency Professionals, Insolvency Professional Agencies and Information Utilities.

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) All of the above

33. The monetary policy of Reserve Bank of India targets which of the following Inflation Index?

- (a) Consumer Price Index (CPI) Rural
- (b) Consumer Price Index (CPI) Combined
- (c) Wholesale Price Index (WPI)
- (d) Consumer Food Price Index (CFPI)

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34. Consider the following statements regarding the RAISE 2020 Summit:

1. It is being organized by the Ministry of Electronics and Information Technology and NITI Aayog.
2. The Summit aims to chart a course for using Artificial Intelligence for social transformation.

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

35. Consider the following statements regarding the Supersonic Missile Assisted Release of Torpedo (SMART):

1. It is targeted to achieve Anti-Submarine Warfare (ASW) operations within the Torpedo range.
2. It has been developed by the Defence Research and Development Organization (DRDO).

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

36. Consider the following statements regarding the Coalition for Epidemic Preparedness Innovations (CEPI):

1. It is part of the COVAX pillar of the Access to COVID-19 Tools (ACT) Accelerator.
2. It has launched a Global network of Laboratories for centralized assessment of COVID-19 Vaccines.

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

37. The Nobel Prize in Chemistry 2020 has been awarded for which of the following research?

- (a) The development of lithium-ion batteries
- (b) The phage display of peptides and antibodies
- (c) The design and synthesis of molecular machines
- (d) The development of a method for genome editing

38. The Graded Response Action Plan (GRAP) relates to which of the following issue?

- (a) Doubling farmers' income by 2022
- (b) Control of air pollution in Delhi and National Capital Region (NCR)
- (c) Increasing solar power capacity to 100GW by 2022
- (d) Eliminating child labour practices

39. Which of the following institution has published the Poverty and Shared Prosperity 2020 report?

- (a) World Bank
- (b) United Nations Development Programme
- (c) United Nations Educational, Scientific and Cultural Organization
- (d) Asian Development Bank

40. Consider the following statements regarding the RUDRAM missile:

1. It is an Anti-Radiation Missile indigenously developed in India.
2. It can detect, classify and engage targets over a wide band of frequencies.

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

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41. Consider the following statements:

1. Vigyan Jyoti scheme encourages women scientists to pursue research in frontier areas of science and engineering, on problems of societal relevance.
2. KIRAN scheme aims to encourage girls in high school pursue Science, Technology, Engineering, and Mathematics (STEM) in higher education.

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

42. Which of the following is/are 'Global Commons'?

1. High Seas
2. Atmosphere
3. Antarctica

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) All of the above

43. Consider the following statements regarding the Food Loss Index (FLI):

1. It examines the food loss along supply activities such as production, handling & storage, and processing.
2. It has been developed by the International Food Policy Research Institute (IFPRI).

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

44. What is 'Loya Jirga', that was in news recently?

- (a) A Tibetan ancient immunity booster herbal combination
- (b) A traditional consultative body of Afghanistan
- (c) A cultural exchange pact between Central Asian countries and India
- (d) An ancient Buddhist canonical text in Mongolian tradition

45. Which of the following is/are correctly matched?

1. J Satyanarayana Committee – National Digital Health Blueprint
2. Ranbir Singh Committee – Criminal Law Reform
3. Ishaat Hussain Committee – Social stock exchanges

Select the correct answer using the code give below:

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

46. Which of the following is/are correctly matched?

1. Etikoppaka toys – Andhra Pradesh
2. Kandhamal Haladi – Odisha
3. Channapatna toys – Bihar

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) All of the above

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47. Which of the following is/are related to the Israel-Palestine dispute resolution?

1. Oslo Accords
2. Arab Peace Initiative

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

48. Which of the following country(s) is/are members of the Collective Security Treaty Organization (CSTO)?

1. Iran
2. Russia
3. Pakistan

Select the correct answer using the code given below:

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

49. Which of the following institution has released the 'Human Cost of Disasters 2000-2019' report?

- (a) United Nations Development Program
- (b) Amnesty International
- (c) UN Office for Disaster Risk Reduction
- (d) International Organization for Migration

50. Which of the following institution has recently published the 'World Economic Outlook: A Long and Difficult Ascent'?

- (a) World Economic Forum
- (b) World Bank
- (c) International Monetary Fund
- (d) Organization for Economic Co-operation and Development

51. What is the objective of the recently launched 'KAPILA' Kalam Program?

- (a) Intellectual Property literacy and awareness
- (b) Indigenous Animal Husbandry development
- (c) Incentive for private sector participation in Space Exploration
- (d) Defence sector public-private partnership

52. Consider the following statements regarding the SVAMITVA Scheme:

1. It is a Centrally Sponsored Scheme.
2. The scheme aims to provide an integrated property validation solution for rural 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

53. Consider the following statements regarding the Electronic Vaccine Intelligence Network (eVIN):

1. It is being implemented under National Health Mission by Ministry of Health and Family Welfare.
2. It aims to provide real-time information on vaccine stocks and flows, and storage temperatures across all cold chain points in the country.

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

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54. Which of the following treatment options (s) was/were used in Solidarity Trial for COVID-19?

1. Remdesivir
2. Lopinavir
3. Isoniazid

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) All of the above

55. Consider the following statements regarding the International Financial Services Centres Authority (IFSCA):

1. IFSCA is a statutory regulatory body.
2. It is empowered to exercise the powers of Reserve Bank of India in respect of the international financial services centres in the country.

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

56. Which of the following organization has published the Future of Jobs Report 2020?

- (a) World Economic Forum
- (b) World Bank
- (c) Organization for Economic Co-operation and Development
- (d) International Labour Organization

57. Which of the following is/are potential benefits of incoming Foreign Direct Investments (FDI) in a country?

1. Human resource development
2. Transfer of technology
3. Increase in exports

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) All of the above

58. Consider the following statements regarding the Consumer Price Index for Industrial Workers (CPI-IW):

1. It is compiled by the Labour Bureau.
2. The base year for the CPI-IW has been updated to the year 2016.

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

59. What is the utility of the e-Dharti Geo Portal?

- (a) Weather based mapping of different climatic zones of the country
- (b) Navic satellite system's online application
- (c) Crop-wise geographic mapping of the country
- (d) Geographic Information System based mapping of government properties

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60. Consider the following statements regarding the Osiris-Rex spacecraft:

1. It has travelled to a near-Earth asteroid Bennu.
2. The mission aims to bring asteroid sample back to earth for study.

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

61. The Poverty and Equity Briefs (PEBs) are released by which of the following organisation?

- (a) World Bank Group
- (b) United Nations Development Programme
- (c) UN Children's Fund (UNICEF)
- (d) UN Human Rights Commission

62. Which of the following country(s) is/are currently named as 'High-Risk Jurisdictions subject to a Call for Action' by the Financial Action Task Force (FATF)?

1. Iran
2. North Korea
3. Pakistan

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) All of the above

63. As of today [1-11-2020], which of the following statements is/are correct?

1. India is a non-permanent member of the UNSC.
2. India has assumed the role of chair of the International Labour Organisation's governing body.
3. India is the chair of World Health Organization's Executive Board.

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) All of the above

64. Which of the following Indian naval project(s) is/are correctly matched?

1. Project 28 – Kamorta Class Anti-Submarine Corvettes
2. Project 75 – Kalvari Class of submarines

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

65. Consider the following statements regarding the India–Australia Circular Economy Hackathon (I-ACE):

1. It is being organized by Atal Innovation Mission in collaboration with Australia's Commonwealth Scientific and Industrial Research Organization.
2. It will focus on identification and development of innovative technology solutions by students, startups and MSMEs of both nations.

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 statements about the Earth's Revolution around the Sun:

1. The seasons arise from the Earth's revolution around the Sun and the tilt of the Earth's axis.
2. At the winter solstice, the northern hemisphere is tilted toward the Sun.

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3. On the day of equinox, day and night are of equal length everywhere on the globe.

(d) 1, 2 and 3

Correct Answer: C

Select the correct answer using the code given below:

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

67. The presence of organic matter or humus in soil in optimum amount improves which of the following properties of soil?

- 1. Water holding capacity of the soil
- 2. Amount of nitrogen and other nutrients in the soil
- 3. Porosity of soil

Select the correct answer using the code given below:

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

68. With reference to the rift valley, consider the following statements:

- 1. A rift valley is formed after the formation of Fold Mountain.
- 2. A rift valley is formed on a divergent plate boundary.
- 3. The most extensive rift valley is located along the crest of the mid ocean ridge system.

Select the correct answer using the code given below:

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

Explanation:

Statement one is incorrect: rift valleys are associated with block mountains and faulting. Due to the earth movements, movements at plate boundaries place stress and tension on the crustal rocks. These tensional or compressional forces result in parts of the crusts to be fractured. Hence, a fault is a fracture/cracked in the rocks which are being displaced.

Features formed as a result of faulting:

- Block mountains
- Rift valleys

Statement 2 is correct: faulting due to divergence creates extensive rift system. Rift Valley deepens due to for the divergence and makes way for Ocean waters. If the rift valleys are formed deeper within the continents rain water accumulate forming rift lakes. Rift lakes form some of the largest freshwater lakes on earth.

Statement 3 is correct: many of Earth's deepest rift valleys are found underwater dividing long mountain range is called mid-oceanic ridges. the mid oceanic ridge system is the most extensive chain of mountains on earth but more than 90% of these mountain range lies in the deep ocean.

69. Consider the following major discontinuities of Earth:

- 1. Conrad: Outer and Inner Crust
- 2. Mohorovicic: Crust and mantle
- 3. Gutenberg: Outer and Inner Mantle
- 4. Lehmann: Mantle and Core

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

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

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70. Which of the following statements are correct about Shadow zone?

1. P and S waves both forms shadow zones.
2. Shadow zone of P waves is larger than that of S wave.
3. Shadow zones forms due to varying refractive indexes of different layers of earth.

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

71. Consider the following statements regarding the Northern Plains:

1. River tends to disappear in Bhabar region due to deposition of heavy rocks and boulders.
2. Swampy and marshy conditions are peculiarity of Tarai region due to non-demarcated channel of rivers.
3. Riverine islands and sand bars can be found in Brahmaputra plains.
4. Punjab serves as a water divide between Indus and Ganges river system.

Select the correct statements using the codes given below:

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

72. Consider the following statements:

1. Temperature $> 22^{\circ}\text{C}$
2. Rainfall $> 200\text{ cm}$
3. Rosewood and Mahogany can be found in these forests.

Which among the following regions has the forest with above characteristic?

- (a) Western Ghats
- (b) Andaman and Nicobar
- (c) North Eastern Hills
- (d) All the above

73. Which among the following statement is incorrectly stated?

- (a) Sirocco is a hot, dry dusty wind coming from Sahara Desert
- (b) Mistral is a cold wind from the north rushing down towards Europe
- (c) Berg Wind is hot dry wind is south eastern Africa
- (d) Harmattan is cold winds blowing in winters in Brazil

74. Consider the following statements:

1. Ganga comes into existence when Alaknanda confluences with Bhagirathi at Devprayag.
2. Gomati and Ghaghara are the right bank tributaries of Ganga.

Select the correct statement(s) using the codes given below:

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

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75. Which among the following methods of increasing human capital, given the population of a country is fixed?

1. Promotion of Digital Literacy
2. Investment for better health security of citizens
3. Regulating work conditions

Select the correct answer using the codes given below:

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

76. What is the correct order of Mountains from East to West?

- (a) Garo Hills, Jaintia Hills, Naga Hills, Khasi Hills
- (b) Garo Hills, Khasi Hills, Jaintia Hills, Naga Hills
- (c) Naga Hills, Jaintia Hills, Khasi Hills, Garo Hills
- (d) Jaintia Hills, Garo Hills, Naga Hills, Khasi Hills

77. Which of the following pair(s) is/are correctly matched?

1. Himachal & Uttarakhand Himalayas: Duar formation
2. The Peninsular Plateau - Quartzite dykes
3. The Indian Desert – Mushroom rocks

Select the correct answer by using the codes given below:

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

Correct Answer: B

Explanation:

Himachal and Uttarakhand Himalayas have Duns and Shivalik formation.

Duars are the alluvial flood plains in North Eastern India that lie South to the outer foothills of the Himalayas and north of the Brahmaputra river basin.

78. Which of the following condition would prevail in India in absence of the Himalayas?

1. North India would be a cold desert in winters.
2. There would be no monsoon.
3. There would be no existence of rivers like Ganga and Indus.

Select the correct answer using the code given below:

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

79. Consider the following statements:

1. The sea surface temperature in the Eastern Pacific Ocean is colder during La Nina, when compared to El Nino.
2. The tropical cyclones that influence South Asia is not part of the regional monsoon wind system.

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

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80. Consider the following statements regarding river Chenab:

1. Source of this river is Bara Lacha pass.
2. It is the largest tributary of river Indus.
3. The waters of Chenab are allocated to Pakistan under the terms of the Indus Water Treaty.
4. River Chandra is an upper tributary of river Chenab.

Which of the above statements are true?

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

81. Which of the following species are found in Tropical Thorn forests?

1. Bamboo
2. Babool
3. Khejri
4. Teak
5. Khair

Select the correct answer using the codes below:

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

82. Consider the following statements:

1. Fringing reef is a coral reef lying close to the shore.
2. Atolls are similar to barrier reefs in shape.
3. Barrier reef is separated from the coast by a much wider and deeper channel or lagoon.

Select the correct statement(s) using the codes given below:

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

83. Consider the following statements:

Assertion (A): Alluvial fans are formed at foothills, whereas deltas are formed near mouth of rivers where they meet seas.

Reason (R): Alluvial fans are generally composed of coarse sediments, whereas deltas are generally formed by fine deposits.

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

- (a) A and R both are correct, and R is the correct explanation of A.
- (b) A and R both are correct, but R is not a correct explanation of A
- (c) A is correct, but R is incorrect.
- (d) A is incorrect, but R is correct.

84. El Nino Southern Oscillation (ENSO) is a complex climatic and weather phenomenon observed mainly due to:

1. Oscillation of temperatures in the equatorial Pacific
2. Change in the behaviour of Coriolis Force with changing longitude
3. Increasing depth of ocean water as one moves to temperate circles

Select the correct answer using the codes below:

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

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85. Which of these forms a water divide between the Arabian Sea and Bay of Bengal drainage systems?

1. Delhi ridge
2. The Deccan Plateau
3. The Aravallis
4. The Sahyadris

Select the correct answer using the codes given below:

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

86. Which of the following ports are natural harbours?

1. Mumbai Port
2. Marmagao Port
3. Kochi Port
4. Chennai Port

Select the correct answer using the code given below:

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

87. Which of the following statements is/are correct regarding the composition of atmosphere?

1. Oxygen is present only in the troposphere.
2. Carbon dioxide is the most abundant gas after Nitrogen and Oxygen.
3. Higher composition of dust particles is found in subtropical regions when compared to tropical regions.

Select the correct answer using the code given below:

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

88. Consider the following statements with regard to Tundra type of climate:

1. It is found north of the Arctic circle in the northern hemisphere.
2. Rainfall is cyclonic and not convectional.
3. Mosses and lichens are the natural vegetation of this region.

Which of the statements given above is/are correct?

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

89. Consider the following pairs:

Date:	Seasons
1. 21st June:	Summer in northern hemisphere
2. 23rd September:	Autumn in southern hemisphere
3. 21st March:	Spring in southern hemisphere
4. 22nd December:	Winter in northern hemisphere

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

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

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90. Which among the following regions functions as the most effective "carbon sink" and also known as the lungs of the Earth?

- (a) Savanna
- (b) Sahara region in Africa
- (c) Tropical rainforests
- (d) Antarctica

91. With reference to International Date Line (IDL), consider the following statements:

1. It is diametrically opposite to the Greenwich Prime Meridian.
2. It passes through the Bering Strait.
3. Time difference between Indian Standard Time and that at IDL is 5.5 hours.

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

92. Consider the following pairs:

Stages of River: landforms	Associated
1. Youth stage:	Waterfall
2. Maturity stage: lakes	Ox-bow
3. Old stage:	Delta

Which of the pairs 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

93. Consider the following statements regarding "Dendritic Pattern" of drainage:

1. The drainage pattern resembling the branches of a tree is known as dendritic.
2. The rivers originating from the Amarkantak range present a good example of it.

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

94. Which of the following types of industries are located close to markets?

1. Industries using weight-losing raw materials.
2. Industries based on perishable raw materials.

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

95. With reference to the Quaternary activities, which of the following statements is/are NOT correct?

1. Unlike the tertiary activities, quaternary activities cannot be outsourced.
2. Quaternary activities are tied to resources and are not affected by the environment or localized market.

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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

96. With reference to land use categories in India, consider the following statements:

1. While Culturable waste-land can be brought under cultivation, barren and wastelands cannot be brought under cultivation with the available technology.
2. While Culturable waste-land includes settlements and industrial areas, barren and wastelands include desert lands and ravines.

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

97. Travelling from Manali, Rohtang pass is a popular tourist destination. Rohtang pass connects the:

- (a) Kullu Valley with the Lahaul and Spiti Valleys
- (b) Changla Pass with Kullu valley
- (c) Diphu Pass with Karakoram pass
- (d) Anantnag Valley to Parampeta valley

98. Consider the following pairs:

Mountain Pass:	State/UT
1. Shipki La:	Himachal Pradesh
2. Niti:	Sikkim
3. Thang La:	Uttarakhand

4. Nathu La: Ladakh

Which of the pairs given above are correctly matched?

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

99. Intensive subsistence agriculture is characterized by which of the following features?

1. Large land holdings
2. Limited use of machinery
3. High labour productivity

Select the correct answer using the code given below:

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

100. Which of the following components are used in calculating Human Development Index (HDI) by UNDP?

1. Life expectancy at birth
2. Mean years of schooling
3. Expected years of schooling
4. Gross Domestic Product per capita

Select the correct answer using the code given below:

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