
INSIGHTS ON INDIA MOCK PRELIMINARY EXAM - 2016

INSIGHTS ON INDIA MOCK TEST – 27

GENERAL STUDIES

PAPER-I

Time Allowed: 2 Hours

Maximum Marks: 200

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. 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.

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4. This Test Booklet contains **100** items (questions). Each item is printed only 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 :
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (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, one-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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INSIGHTS ON INDIA MOCK TEST SERIES FOR CIVIL SERVICES PRELIMINARY EXAM 2016

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1. The Sur Empire may be considered in many ways as a continuation and culmination of the Delhi Sultanate. Which of the following were some of the reforms introduced by Sher Shah?
 1. He repealed the land revenue system to promote a welfare state.
 2. He restored the old imperial Grand Trunk Road from the river Indus in the west to Sonargaon in Bengal.
 3. Customs duties were abolished on goods to promote trade and commerce.

Select the correct answer using the codes below.

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

2. Consider the following statements.
 1. The North-West Indian Region mineral belt is associated with Dharwar system of rocks.
 2. Manganese deposits cannot be found in Dharwar system of rocks.
 3. Uranium deposits occur in the Dharwar rocks.

Select the correct answer using the codes below.

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

3. Which of the following threatens the population of Sea turtles in India?
 1. Accidental capture in fishing gear
 2. Genetic engineering projects on sea turtles
 3. Poaching and trade of parts of sea turtle
 4. Loss of coral reefs and sea grass beds

Select the correct answer using the codes below.

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

4. Why ozone hole is predominant at Antarctic (South Pole) as compared to Arctic (North Pole)?
 - a) Southern polar region is colder and more isolated than the north.
 - b) Stratospheric clouds are not formed over the Arctic region.
 - c) Permafrost of Antarctic region has been leaching ozone-depleting substances slowly in the atmosphere for a long time.
 - d) Presence of Boreal forests subdues ozone hole formation in Arctic, unlike Antarctica which is largely barren.

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5. Consider the following about developments in Ancient India.
1. The earliest epigraphic evidence for the 'use of the decimal system is in the beginning of the fifth century AD.
 2. Zero was discovered by the Indians around the second century B.C.
 3. Aryabhatta formulated the rule for finding the area of a triangle.
 4. In the second century B.C. Apastamba produced a practical geometry for the construction of altars at which the kings could offer sacrifices.

Select the correct answer using the codes below.

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

6. Which of the following places are linked with Gandhiji's life or his heritage?
1. Sadaqat Ashram, Patna
 2. Manorville, Simla
 3. Kingsway Camp, Delhi
 4. Kanigata Cottage, Maharashtra

Select the correct answer using the codes below.

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

7. Consider the following about Biochar.
1. It has the potential to help mitigate climate change via carbon sequestration.
 2. Use of Biochar reduces the nutrient content in the soil and degrades its productive abilities as it can endure in soil for long.
 3. It can provide protection against some soil-borne diseases.

Select the correct answer using the codes below.

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

8. Consider the following statements.
1. Before the adoption of the portfolio system in the Government of India, governmental business was disposed of by the Secretary of State from Britain.
 2. The Councils Act of 1861 led to the introduction of the portfolio system and the inception of the Executive Council of the Governor-General.

Which of the above is/are correct?

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

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9. Consider the following about the Silk sector in India.
1. Central Silk Board (CSB), which is a Statutory Body, promotes the development of Silk Industry in India.
 2. India is both the largest producer and consumer of Silk in the World.
 3. Mulberry Silk is produced only in the Southern states, whereas non-Mulberry silk is produced only in Eastern India.

Select the correct answer using the codes below.

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

10. Which of the following Ministries/Departments was recently merged with the Ministry of External Affairs?
- a) Ministry of Planning
 - b) Ministry of North-Eastern Region
 - c) Department of Homeland Security
 - d) Ministry of Overseas Indian Affairs

11. The S&P BSE-GREENEX Index is a veritable first step in creating a credible market based response mechanism in India, whereby both businesses and investors can rely upon purely quantitative and objective performance based signals, to assess "carbon performance". The Index includes

- a) Globally traded carbon bonds
- b) Selected top companies which are good in terms of Carbon Emissions and other financial criteria
- c) Weather based data that is continuously affected by climate change
- d) State of Indian forests including green tradable items

12. Consider the following statements about India's external debt.

1. India's external debt statistics are released by Department of Commerce.
2. A rise in outstanding NRI deposits tends to increase India's external debt.
3. Commercial borrowings do not form part of India's external debt.

Select the correct answer using the codes below.

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

13. Which one of the following is NOT related to the formation or modification of the present atmosphere?

- a) Solar winds
- b) Degassing
- c) Differentiation
- d) Photosynthesis

14. "Lakshya" and "Nishant" developed by the DRDO are

- a) Ballistic missile systems
- b) Combat engineering equipments
- c) Naval systems
- d) Unmanned Aerial Vehicles (UAVs)

15. Conservation of few identified endemic, endangered and sensitive species has been chosen under the National Mission for Clean Ganga (NMCG). Which of the following is/are NOT among those species?

- a) Indian Skimmer and Saras
- b) Gharial and Gangetic Turtle
- c) River Dolphins and Otters
- d) Sacred Grove Bushfrog

16. Consider the following about Mishing tribes.

- 1. They mainly live close to mountainous areas in Jammu & Kashmir (J&K).
- 2. They are amongst those few tribal groups that have institutionalised the caste system.
- 3. The Mishings have their own language, but no script of their own.
- 4. The 'Amrok' is their harvest festival.

Select the correct answer using the codes below.

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

17. Sound Navigation and Ranging (SONAR) can be used for

- a) Underwater communications
- b) Determining the depth of water beneath ships and boats
- c) Finding aircraft location in the event of a crash in the sea
- d) All of the above

18. Consider the following statements.

- 1. Ecozones are characterized by the evolutionary history of the organisms they contain, and are different from biomes.
- 2. Palearctic, Australasia, Oceania, Antarctic as categorized by the World Wildlife Federation (WWF) as Ecozones.

Which of the above is/are correct?

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

19. Which of the following statements about G-20 is INCORRECT?

- a) The forum came into existence in 2008 in the wake of global financial crisis.
- b) It was disbanded recently in 2015 due to lack of consensus between members on major global economic issues.
- c) The Prime Minister represents India in the G20 Leaders' Summit.
- d) All of the above are correct.

20. Which of the following is NOT one of the objectives of Disinvestment in India?

- a) Promoting people's ownership in Public Sector Enterprises (PSEs)
- b) Unlock true value of PSEs for investors and government
- c) Ensure better corporate governance of the PSEs
- d) Increase the foreign presence of PSEs

21. There are many different objectives of watershed management programs across the world. Which of the following is considered amongst them?

- 1. To protect, enhance the water resource originating in the watershed and moderate the floods peaks at downstream areas
- 2. To improve and increase the production of timbers, fodder and wild life resource in the watershed
- 3. To rehabilitate the deteriorating lands in the watershed

Select the correct answer using the codes below.

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

22. India's first island district which has been recently granted District status by the concerned State government is

- a) Manoharnagar, Odisha
- b) Majuli, Assam

- c) Anand, Gujarat
- d) Morbi, TamilNadu

23. DOTS treatment is related to which disease?

- a) Tuberculosis
- b) Polio
- c) Measles
- d) Cholera

24. Consider the following about earth's biodiversity based on the presently available species inventories.

- 1. Majority of all the recorded species are plants.
- 2. Number of fungi species in the world is more than the combined total of the species of fishes, amphibians, reptiles and mammals.
- 3. Among animals, insects are the most species-rich taxonomic group.

Select the correct answer using the codes below.

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

25. Tejas recently in news is a/an

- a) Indigenously developed Lightweight multi-role fighter jet
- b) Reported old indigenous species of Western Ghats
- c) Underwater observatory in Bay of Bengal to study Seagrass
- d) Indigenously developed micro-nuclear reactor

26. Soil biology and chemistry can be seriously damaged by acid rain. But, the impact of acid rain on soil is less in India because
- Acid rains do not occur in India.
 - Acid rains are restricted to mountainous regions.
 - Indian soils are mostly alkaline with good buffering ability.
 - India's forests are not infested with fungal diseases.

27. As per the present arrangements, Appointments Committee of the Cabinet includes
- Prime Minister and Minister of Home Affairs only
 - Prime Minister, Minister of Home Affairs, Minister of Finance, Minister of External Affairs and Minister of Defence only
 - Prime Minister, Minister of Home Affairs, Minister of Finance, Minister of External Affairs, Minister of Urban Development and Minister of Corporate Affairs
 - Prime Minister and all Cabinet Ministers

28. The Zabti and Dahsala system of Mughal period are related to
- Revenue settlement
 - Military organization
 - Criminal Justice
 - Education of Women

29. Consider the following about the role of International Court of Justice (ICJ).
- Only States are eligible to appear before the Court, no private entity can move the ICJ.
 - It provides individuals and groups with legal counselling and helps them deal with the authorities of any State in major human rights violation situations.
 - It is the final appellate court for decisions passed by major international tribunals.

Select the correct answer using the codes below.

- 1 only
- 2 and 3 only
- 1 and 3 only
- 3 only

30. Which state hosts the largest Scheduled Tribe (ST) population in India?
- Chattisgarh
 - Jharkhand
 - Maharashtra
 - Madhya Pradesh

31. Consider the following about Bamboo sector in India.
- Majority of growing stock of Bamboo is in the North-eastern region, while no major Bamboo growing areas are found in Central India.
 - Largest consumption of Bamboo in India is to manufacture paper.

Which of the above is/are correct?

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

- 2. Public Stockholding for Food Security Purposes
- 3. Preferential Rules of Origin for Least Developed Countries

Select the correct answer using the codes below.

32. The Prime Minister is in charge of a number of departments in the Central Secretariat. Which of the following is NOT one of them?

- a) Ministry of Personnel, Public Grievances and Pensions
- b) Department of Space
- c) Ministry of Agriculture and Farmers Welfare
- d) Department of Atomic Energy

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

33. The Kyoto Protocol is an international agreement linked to the United Nations Framework Convention on Climate Change, which commits its Parties by setting

- a) Measurable standards on conservation in protected areas
- b) Stringent mechanisms for curbing wildlife trade
- c) Internationally binding emission reduction targets binding only on developed countries
- d) Minimum afforestation requirements in degraded regions

35. The DigiLocker scheme of the Government of India is related to

- a) Securing online banking transactions
- b) Gold bonds
- c) Sharing of e-signed personal documents
- d) Armed forces cyber security

34. The "Nairobi Package" was adopted at the WTO's Tenth Ministerial Conference, held in Nairobi, Kenya in December 2015. It addresses which of the following?

- 1. Special Safeguard Mechanism for Developing Country Members

36. During the Freedom Struggle, Komagata Maru incident of the early 20th century clearly highlighted the racist exclusion laws in Canada. What was Komagata Maru?

- a) A place located near the borders of Punjab and Pakistan
- b) The memorial of freedom fighters in Canada.
- c) It was a ship that ferried a group of Indian citizens to Canada.
- d) None of the above

37. Which of the following does NOT come within the ambit of the United Nations (UN)?

- a) Maintain international peace and security
- b) Protect Human Rights
- c) Upholding International Law
- d) All come in its ambit.

38. The Government of India has recently decided to impose travel ban on Indian nationals planning to travel to Libya in view of

- a) Ebola epidemic in Libya
- b) Prevailing security situation in Libya
- c) Major outflow of foreign exchange on account of travel to Libya
- d) Flouting of rules and regulations frequently by Libyan travellers

39. Which of the following is NOT related to Good Governance?

- a) Rule of Law and a citizen-friendly government
- b) Higher spending on defence sector
- c) Increased transparency and accountability of the government
- d) Greater use of E-governance

40. Consider the following about the Wildlife Crime Control Bureau.

1. It is a multi-disciplinary body established by the Ministry of Environment and Forests under a Cabinet resolution.
2. It is mandated to collect and collate intelligence related to organized wildlife crime activities and to

disseminate the same to State and other enforcement agencies.

Which of the above is/are correct?

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

41. Standards and Labelling programme for equipment and appliances in 2006, including the energy star rating standards, was initiated by

- a) FICCI
- b) Bureau of Energy Efficiency
- c) Indian Solar Alliance (ISA)
- d) Ministry of Commerce

42. Treasury Bills (T-Bills) often in news are related to

- a) Government's total expenditure on foreign visits
- b) Any bill related to government's revenue that is introduced in the Parliament
- c) Audit reports of Comptroller and Auditor General of India (CAG)
- d) Government borrowing from markets

43. Consider the following statements.

1. A minister cannot be elected as a member of the committee.
2. The chairman of the committee is appointed by the Speaker from amongst its members and he is invariably from the ruling party.
3. It has been described as a 'continuous economy committee'.

The above refers to?

- a) Public Accounts Committee
- b) Estimates Committee
- c) Business Committee
- d) Committee on Delegated Legislation

44. Which of the following acts has/have a bearing on the promotion of culture or regulation of cultural institutions in India?

- 1. The Delivery of Books and Newspapers (Public Libraries) Act, 1954
- 2. The Antiquities and Art Treasures Act, 1972
- 3. The Artistic Society Act (Amendment), 2007

Select the correct answer using the codes below.

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

45. Consider the following matches of tribes with the state they are found in.

- 1. Baiga : TamilNadu
- 2. Bhot : Kerala
- 3. Chakma : Tripura

Select the correct answer using the codes below.

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

46. A special technology "Reed bed system" is used for

- a) Painting silk related textiles material in much smaller time than conventional methods
- b) Controlling landslides in mountainous regions
- c) 3-D printing of construction materials
- d) Treating industrial wastewaters

47. The year 2014 was observed as the "Year of Farmer Producer Organisations (FPO)" by the Government of India. Consider the following about FPOs.

- 1. Farmers can form groups and register themselves under the Indian Companies Act.
- 2. FPOs can be created at both State and village levels.

Which of the above is/are correct?

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

48. The Ministry of External Affairs (MEA) and the Ministry of Skill Development & Entrepreneurship (MSDE) signed a Memorandum of Understanding for implementation of the Pravasi Kaushal Vikas Yojana (PKVY). The scheme targets

- a) NRI workers living abroad who want to return to homeland after sometime

- b) Indian workforce keen on overseas employment
- c) BPL Indian citizens who intend to start their own enterprise
- d) Overseas Citizen of India (OCI) who wish to upgrade their skillsets

49. The rural co-operative credit system in India is primarily mandated to ensure flow of credit to the agriculture sector. Consider the following about regulation of cooperative banks in India.

1. Banking related functions of these banks are regulated by the RBI.
2. Management related functions of these banks are regulated by respective State Governments/Central Government.

Which of the above is/are correct?

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

50. Which of the following have a bearing on the production of Steel in India?

1. National Electricity Policy
2. Coal policies and guidelines
3. Foreign Trade Policy
4. National Environment Policy

Select the correct answer using the codes below.

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

51. "Shram Suvidha" is a

- a) Unified portal for labour and employment
- b) Sub-Mission under PM Skill India Mission
- c) Agency of the Ministry of Labour and Employment working overseas
- d) None of the above

52. Forests are an integral part of major ecosystems on earth and are important because they

1. Control extremes of heat and cold, rendering the climate more equable.
2. Tend to reduce the relative humidity of the air by capturing it and increase evaporation.
3. Tend to increase local precipitation.
4. Help to prevent soil erosion, silting up and consequent overflowing of rivers.

Select the correct answer using the codes below.

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

53. International Fund for Agricultural Development (IFAD) is a/an

- a) Specialized agency of the United Nations (UN)
- b) Fund established by the World Bank for developing countries
- c) Voluntary organization working in developing countries
- d) Agreement under WTO Peace Clause

54. Which of the following is NOT a salient provision under the Biological Diversity Act, 2002?

- a) It requires approval from National Biodiversity Authority (NBA) for obtaining Biological Resources for all foreign national.
- b) Indian individuals to seek approval before transferring knowledge, research and material to foreigners.
- c) It regulates the release of GMOs in the environment.
- d) It restricts the State governments from carving out National parks.

55. Biomarker technologies can be used to control

- a) Plasma content in modern reactors
- b) Diseases in rice plant
- c) Polymerization in plastic material
- d) Silicon content in computer chips

56. Stem cell has emerged as a new field of life science in view of its potential clinical applications. A stem cell possesses which of the following properties?

- 1. The ability to go through numerous cycles of cell division while maintaining the undifferentiated state
- 2. The capacity to differentiate into specialised cell types.

57. Agri Exchange, a trade portal, has been developed by

- a) ITC Pvt. Ltd.
- b) National Stock Exchange
- c) Bombay Stock Exchange
- d) Agricultural and Processed Food Products Export Development Authority (APEDA)

58. Which of the following is NOT a World Heritage Site from India?

- a) Buddhist monuments at Sanchi
- b) Buland Darwaja
- c) Mountain Railways of India
- d) Khajuraho group of Monuments

59. Which of the following countries is/are NOT members of ASEAN?

- 1. Cambodia
- 2. China
- 3. Myanmar
- 4. Bangladesh
- 5. Thailand

Select the correct answer using the codes below.

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

Which of the above is/are correct?

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

60. The Indian President or the Prime Minister have visited which of the following countries in the past one year?

1. Namibia
2. Mexico
3. USA
4. Afghanistan

Select the correct answer using the codes below.

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

61. "Global Financial Stability" Report is published by

- a) World Bank
- b) IMF
- c) United Nations Economic and Social Council
- d) World Economic Forum

62. Consider the following about the Yoga system of philosophy in India.

1. The basic text of this school is the Yoga Sutras of Patanjali.
2. As per the system, God is matter, and matter is God.
3. The system denies the existence of soul and instead focuses on various way of self-mortification of the body to attain salvation.

Select the correct answer using the codes below.

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

63. Consider the following provisions.

1. It curtailed the fundamental right to property in India.
2. Any law made to give effect to the Directive Principles in Article 39 (b) or (c) cannot be challenged on violation of certain fundamental rights.

Which of the following constitutional amendment the above refers to?

- a) 25th Amendment Act, 1971
- b) 119th Constitutional Amendment, 2013
- c) 91st Amendment Act, 2003
- d) 86th Amendment Act, 2002

64. Apart from publishing the Red list of Threatened Species, IUCN also helps the global community with which of the following conservation tools?

1. Red List of Ecosystems
2. ECOLEX, which is a source of information on national and international environmental law

Which of the above is/are correct?

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

65. Environmental costs associated with traditional herbicides, weedicides and insecticides have encouraged the use of eco-friendly bio-control agents. Which of the following can act as Biocontrol agents?

1. Aspergillus niger
2. Myrothecium verrucaria
3. Pseudomonas fluorescens
4. Bacillus thuringiensis

Select the correct answer using the codes below.

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

66. Which of the following markets is NOT within the regulatory ambit of the Reserve Bank of India (RBI)?

- a) Money markets
- b) Foreign exchange markets
- c) Agricultural markets
- d) Government Securities Market

67. Consider the following about Interlinking of Rivers (ILR) Programme.

1. Its mission is to ensure greater equity in the distribution of water by enhancing its availability in drought prone and rainfed regions.
2. It covers only Peninsular Rivers and leaves Himalayan Rivers to preserve the pristine ecological balance in the Himalayan region.

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

68. Consider the following statements.

1. The rock-cut medieval image of the Jaina saint Gomateshwara can be found in Mysore, Karnataka.
2. Sittanavasal Cave, Jain complex of caves, can be found in Pudukottai, Tamil Nadu.

Which of the above is/are correct?

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

69. The ultimate responsibility of taking due action on the comments of the Comptroller and Auditor General of India (CAG) vests with the

- a) President of India
- b) Supreme Court
- c) Parliament
- d) Prime Minister

70. Rajiv Gandhi Equity Saving Scheme (RGESS) is a tax saving scheme for

- a) Retail or individual investors
- b) Corporate houses
- c) Foreign Institutional Investors (FIIs)
- d) Ultra High Net Worth Individuals

Which of the above is/are correct?

-
71. The nitrogen cycle is an important process in the ocean. Consider the following statements about it.
1. Nitrogen enters the water through precipitation, runoff or from the atmosphere.
 2. Nitrogen can be utilized by phytoplankton directly from the atmosphere.
 3. Ammonia and urea are released into the water by vertical mixing of ocean layers.

Select the correct answer using the codes below.

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

72. Which of the following Ministries/Departments is responsible for the implementation of the recommendations of the Finance Commission and Central Pay Commissions?
- a) Department of Personnel
 - b) Ministry of Home Affairs
 - c) Department of Expenditure, Ministry of Finance
 - d) Ministry of Statistics & Programme Implementation

73. Which of the following statements concerning Central Public Sector Enterprises (CPSEs) is correct?
1. CPSEs constitute majority of market capitalization of companies listed at major stock exchanges in India.

2. No CPSE can use the market route to borrow funds.

Which of the above is/are correct?

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

74. Digital India is an umbrella programme, covering multiple Government Ministries and Departments, which aims to provide the much needed thrust to the nine pillars of growth areas. Which of the following is NOT one of these pillars?
- a) Reforming Government through Technology
 - b) Electronic Delivery of Services
 - c) Universal Access to Mobile Connectivity
 - d) Handheld devices for All

75. The First Battle of Panipat is regarded as one of the decisive battles of Indian history. What is/are the reason(s) behind it?
1. It reinvigorated Lodi's power and reduced the influence of Babur especially in Delhi and Agra.
 2. It led to the economic unification of Eastern, Southern India and South-eastern Asia.

Which of the above is/are correct?

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

76. The Union Rural Development Ministry and ISRO, Department of Space have signed a Memorandum of Understanding (MoU) for geo-tagging the assets created under MGNREGA in each gram panchayat. How will it be helpful?

1. Checking and curbing leakages in MGNREGA
2. Effective mapping of terrain for future developmental works

Which of the above is/are correct?

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

77. Who among the following is NOT a member of the present Atomic Energy Commission?

- a) Prime Minister
- b) National Security Advisor
- c) Cabinet Secretary
- d) Foreign Secretary

78. Consider the following statements about the National Entrepreneurship Network (NEN).

1. It is an attached office of the Ministry of Entrepreneurship & Skill Development.
2. NEN facilitates various programs to raise capital from investors and bankers.

Which of the above is/are correct?

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

79. Zika virus disease is an emerging viral disease transmitted through the bite of an infected Aedes mosquito. Which of the following statements with regard to it is correct?

- a) The Zika virus disease is highly prevalent in India.
- b) It does not affect newborns.
- c) There is no vaccine or drug available to prevent/ treat Zika virus disease at present.
- d) None of the above

80. Biotechnology harnesses cellular and bio-molecular processes to develop technologies and products that help improve our lives. Apart from genetically modified crops for agriculture, biotechnology finds application in

1. Therapeutics and diagnostics
2. Processed food and production of useful industrial products
3. Waste treatment

Select the correct answer using the codes below.

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

81. The government has amended the RBI Act to constitute a Monetary Policy Committee (MPC). Consider the following about it.

1. It will comprise three members from RBI, including the Governor, who will be the ex-officio chairperson of MPC.
2. There will be no representation from the government.

Which of the above is/are correct?

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

82. World Environment Day (WED) is the United Nations' most important day for encouraging worldwide awareness and action for the protection of our environment since its inception in 1974. The theme for 2016 WED was based on

- a) Sustainable human habitats
- b) Global network of protected heritage sites
- c) Illegal trade in wildlife
- d) Rising Industrial emissions

83. Which of the following public utilities was discontinued by the Government in 2013?

- a) Telegram
- b) Data processing
- c) Community Service Centre
- d) Broadband

84. The only continent through which Tropic of Cancer, Tropic of Capricorn and Equator all pass is

- a) South America
- b) Africa
- c) Asia
- d) Australia

85. The Bali Road Map is related to

- a) Trade and food security
- b) Climate Change
- c) Fighting trans-national terrorism
- d) Hunger and Malnutrition

86. Carbon dioxide is naturally captured from the atmosphere through biological, chemical, or physical processes. Carbon sequestration is the process involved in carbon capture and the long-term storage of atmospheric CO₂. Which of the following can artificially achieve similar results?

- a) Sequestration by aging oil fields
- b) Absorption by plastic structures
- c) Simulation of forest Fires
- d) Cloud seeding

87. Which of the following social reforms was/were introduced by Akbar?

1. He restricted the practice of Sati.
2. Widow Remarriage was banned in view of the exploitation of women.
3. The sale of intoxicants was restricted.

Select the correct answer using the codes below.

- a) 1 and 3 only

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

88. Apart from Constitutional provisions, which of the following has/have a bearing on the functioning of CAG in India?

- a) Parliamentary laws
- b) Supreme Court Judgments
- c) Instruction of Government of India
- d) All of the above

89. Which of the following is/are the advantages of the minimum tillage system of soil conservation?

1. Seed germination is higher with minimum tillage system.
2. Less nitrogen has to be added as rate of decomposition of organic matter becomes very fast.

Which of the above is/are correct?

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

90. Bharat Stage is related to

- a) Theatre and Drama
- b) Satellite launches
- c) Vehicular Pollution standards
- d) Food production

91. What is the objective of a "Citizen Charter"?

- a) To increase the coordination between different departments of the Government that deal with citizens
- b) To make service-delivery more citizen-friendly
- c) To increase the penetration of Government in remote areas
- d) To provide all government services free of cost of citizens

92. Which of the following is/are related to generation of Bio-energy?

1. Pyrolysis
2. Atmospheric and high pressure gasification
3. Bio-methanation

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

93. Water finds a mention in the Constitution of India in the

- a) Directive Principles of State Policy
- b) Seventh Schedule
- c) Both (a) and (b)
- d) None

94. Which of the following statements is INCORRECT about the Prime Minister's National Relief Fund (PMNRF).

- a) It was constituted by the Parliament.
- b) It is primarily utilized to render immediate relief to families of those killed in natural calamities.
- c) The fund consists entirely of public contributions and does not get any budgetary support.
- d) Disbursements from PMNRF are made with the approval of the Prime Minister.

95. Consider the following statements about developments in Science and Technology in India in the Medieval Period.

- 1. Indians could take full advantage of growing international trade due to India's modern naval technology of ship-building which was at par with Europeans.
- 2. The mechanical clock technology was not known to India even before Europeans invented it.
- 3. Artillery technology was developed in India before European developed it, but the European artillery technology came to be superior to that of India's.

Select the correct answer using the codes below.

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

96. Which of the following statements about the Steel Sector in India is INCORRECT?

- a) India produces both pig iron and sponge iron.
- b) Steel prices in India are administered and regulated by the Government.
- c) Iron & steel are importable and exportable without restrictions as per the extant policy.
- d) India is behind China in volume of steel production.

97. Which of the following statements about the official Mir Bakshi of Mughal period is correct?

- a) The head of the military department was called the Mir Bakhshi.
- b) The Mir Bakshi was the head of the intelligence and information agencies of the empire.
- c) Both (a) and (b)
- d) None

98. A "Point of Order" raised in the Parliament is related to

- a) Order of sitting of opposition and ruling party members in the House
- b) Matters of urgent attention brought before the Government
- c) Interpretation or enforcement of the Rules of Procedure and Conduct of Business
- d) Zero hour matters that are raised without any notice

99. Consider the following about the World Bank.

1. The World Bank is led by a Board of Governors, made up of a representative for each of the shareholder countries of the Bank.
2. The World Bank President is appointed by the majority shareholders of the bank from nominees of all nationalities on rotation basis.

Which of the above is/are correct?

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

100. Zimmerman Plan, with reference to the Indian freedom struggle, was about

- a) Mobilizing Indian support from abroad to incite a rebellion against the British government
- b) A carefully drafted strategy to bring constitutional reforms via the Central Executive Council
- c) Blowing up all Indian presses publishing in English language
- d) Supporting the Home Rule League in a clandestine manner