

# Atiya Health and Education Foundation

Time Allowed: 3 hours

Maximum Marks: 300

## QUESTION PAPER SPECIFIC INSTRUCTIONS

(Please read each of the following instructions carefully before attempting the paper)

1. The Paper consists of two parts:
  - a. Section 1: Essay
  - b. Section 2: Multiple Choice Questions.

### Section 1:

- a. The Essay must be written in either English or Hindi which must be clearly stated on the cover of the Answer Booklet in the space provided. No marks will be given for answers written in the medium other than the three mentioned above.
- b. Word limit, as specified must be adhered to.
- c. Any page or the portion of the page left blank in the Answer booklet must be clearly struck off.

Write two essays, choosing one topic from each of the following Sections A and B, in about 500-600 words each.  
(50 x 2= 100)

लगभग 500-600 शब्दों में, निम्नलिखित A और B में से प्रत्येक से एक विषय का चयन करते हुए, दो निबंध लिखें।

### Section A

1. How should a civil servant conduct himself?  
एक सिविल सेवक को अपना आचरण कैसे करना चाहिए?
2. Reservation, politics and empowerment.  
आरक्षण, राजनीति और अधिकारिता।
3. Education for all” campaign in India: myth or reality.  
भारत में सभी के लिए शिक्षा” अभियान: मिथक या वास्तविकता

### Section B

1. Good fences make good neighbours.  
अच्छे बाड़े अच्छे पड़ोसी बनाते हैं।
2. Farming has lost the ability to be a source of subsistence for the majority of farmers in India.  
खेती ने भारत में अधिकांश किसानों के लिए निर्वाह का स्रोत बनने की क्षमता खो दी है।
3. Is autonomy the best answer to combat balkanization?  
क्या स्वायत्तता बाल्कनीकरण से निपटने का सबसे अच्छा जवाब है?



## Atiya Health and Education Foundation

### अतिया स्वास्थ्य और शिक्षा फाउंडेशन

Maximum Marks: 200

# A

## Section 2

### 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. Encode clearly the test booklet series A, B, C or D as the case may be in the appropriate place in the answer sheet.
3. You have to enter Roll Number on the Test Booklet in the Box provided alongside. Do not write anything else on the Test Booklet.
4. This Test Booklet contains 50 items (Questions). Each item is printed in English and Hindi. 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.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See direction in the answers sheet.
6. 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.
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 sheets as per instruction sent to you with your Admission Certificate.
8. 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.
9. Sheets for rough work are appended in the Test Booklet at the end.

1. By measuring the angle of the Pole Star from your place, you can know the

1. Latitude of your place
2. Longitude of your place

Which of the above is/are correct?

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

2. Which of the following is on track to become the first G7 country to legislate for net zero emissions by 2050?

- a. USA
- b. Germany
- c. Japan
- d. United Kingdom

3. Among the given options, the difference in time can be the maximum between which of these countries/regions:

- a. Brazil and South Africa
- b. Australia and Alaska
- c. India and Brazil
- d. Iceland and China

4. Consider the following statements about India's scientific investigations in the polar regions.

1. India presently has two research stations at Antarctica namely 'Maitri' and 'Bharati' to understand the Polar processes and phenomenon.
2. In Antarctica scientific studies and investigations are undertaken on the continent and contiguous shelf ice area.
3. Indian Arctic station 'Himadri' is located in Norway which was established in the early 1960s.

Select the correct answer using the codes below.

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

5. Which of the following characteristics of a polity is NOT essential to a democratic government?

- a. Adherence to principles of liberty and equality
- b. Maintaining Rule of Law
- c. Public participation
- d. An elected Head of the State

6. Match the following major waterfalls in India with the region they could be found in:

1. Kunchikal Falls: Odisha
2. Barehipani Falls: Karnataka
3. Dudhsagar Falls: Goa
4. Jog Falls: Meghalaya

Select the correct answer using the codes below.

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

7. Consider the following statements.

1. Cyclones are least common in India in the month of June.
2. Most of the cyclones that hit India originate in the Bay of Bengal, rather than the Arabian Sea.

Which of the above is/are correct?

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

8. Consider the following statements.

1. The Himalayan Mountains and the Alps are young fold mountains with rugged relief and high conical peaks.
2. The Aravalli range in India is the youngest fold mountain systems in the world.
3. The Appalachians in North America and the Ural Mountains in Russia are block mountains US and Russia.
4. Mt. Kilimanjaro in Africa and Mt. Fujiyama in Japan are examples of Volcanic mountains.

Select the correct answer using the codes below.

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

9. The early temples of post Mauryan times were of three kinds - Sandhara, nirandhara and sarvatobandhara. This division was based on which of the following?

- a. Types of veranda
- b. Size of garbhagriha
- c. Types of pradakshinapatha.
- d. Number of deities.

10. Which of the following are the Martial Art forms in India?

1. Thoda
2. Malla Yuddha
3. Alkap
4. Matki

Select the correct answer using the code given below:

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

11. Consider the following: The arrival of Babur into India led to the

1. Introduction of gunpowder
2. Introduction of the arch and dome in the region's architecture

3. Establishment of Timurid dynasty

Select the correct answer using the code given below:

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

12. Consider the following statements about the Mansabdari system:

1. It was primarily based on heredity.
2. The king could enhance the Mansab, lower it or remove it.
3. Mughal mansabdars formed the highest paid service in the world.

Which of the statements given above is/are incorrect?

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

13. Which one of the following statements is correct with reference to the Later Vedic Period?

- a. Later Vedic sites are found in most regions of India.
- b. Later Vedic people knew the use of burnt bricks.
- c. Vaishyas appear to be the only tribute payers during this time.
- d. The existence of iron was not known in this period.

14. According to the Constitution of India, which of the following are fundamental for the governance of the country?

- a. Fundamental Rights
- b. Fundamental Duties
- c. Directive Principles of State Policy
- d. Fundamental Rights and Fundamental Duties

15. Which of the following is/are incorrect about Article 13 of the Constitution?

1. It is a source of power for the higher judiciary to declare a law null and void.
2. "State" defined by it includes local bodies too.
3. "Law" defined by it includes delegated legislation, customs and ordinances.

Select the correct answer using the code given below:

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

16. Consider the following statements:

1. Substantive motion can be proposed for the matters like impeachment of the President.
2. Censure motion can only be moved against the entire council of ministers.
3. No debate is allowed on a point of order.
4. Privilege Motion is concerned with the breach of parliamentary privileges by a minister.

Which of the statements given above is/are correct?

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

17. Which of the following Cabinet committees is chaired by Home Minister?

- a. Political Affairs Committee
- b. Committee on Security
- c. Parliamentary Affairs Committee
- d. Economic Affairs Committee.

18. Consider the following statements regarding Writ Jurisdiction of the Supreme Court:

1. It is an original and exclusive jurisdiction of the Supreme Court.
2. Supreme Court does not have power to issue writs for purposes other than the enforcement of Fundamental Rights.

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:

1. A judge of a High Court can be removed from office by an order of the President.
2. Violation of the Constitution is one of the grounds of removal of a judge of High Court.

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. 'Disobedience to a legitimate order of the House' may lead to which of the following?

- a. Contempt of the House
- b. Breach of individual Privileges
- c. Breach of collective Privileges
- d. None of the above.

21. Which of the following statements regarding preventive detention law is incorrect?

- a. The detention of a person cannot exceed three months in any case.
- b. The grounds of detention should be communicated to the detenu.
- c. Opportunity for representation is not available during preventive detention.
- d. Both a and c.

22. Which of the following statements regarding Union Territories is incorrect?

- a. President is empowered to promulgate ordinances during the recesses of the assembly.
- b. No ordinance can be withdrawn without the prior permission of the President.
- c. Ordinance cannot be promulgated when the assembly is dissolved or suspended.
- d. None of the above

23. What does venture capital mean?

- a. A short-term capital provided to industries
- b. A long-term start-up capital provided to new entrepreneurs
- c. Funds provided to industries at times of incurring losses.
- d. Funds provided for replacement and renovation of industries.

24. Which of the following statements regarding Capital Market in India is correct?

- a. It provides avenue for raising working capital for the companies
- b. Capital market is present both in organised and unorganised setup
- c. Capital market provides liquidity to investors
- d. Commercial Papers, Shares and Bonds are instruments of Capital market.

25. Which of the following is/are included in sovereign external debt

- 1. Borrowings from IMF
- 2. External Commercial Borrowings
- 3. Development grants by World Bank
- 4. Loans from foreign countries /international sovereign funds

Select the correct answer using the codes given below:

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

26. When the Reserve Bank of India announces a decrease of the Cash Reserve Ratio, what does it mean?

- a. The commercial banks will have less money to lend.
- b. The Reserve Bank of India will have more money to lend.
- c. The Union Government will have more money to lend.

d. The commercial banks will have more money to lend.

27. The term 'Seigniorage' has been in news recently. Which of the following statements best describes the term?

- a. It is the income generated by Central Bank on account of creation of money
- b. It is the income generated by Government on account of creation of money
- c. It is the interest earned on the reserves of Central Bank
- d. It is the cost of printing currency borne by Central Bank.

28. The money multiplier in an economy increases with which one of the following?

- a. Increase in the cash reserve ratio
- b. Increase in the banking habit of the population
- c. Increase in the statutory liquidity ratio
- d. Increase in the population of the country.

29. Which of the following statement best defines the term 'tax base'?

- a. It is the number of people falling under the tax net in a given country.
- b. It is the number of business entities and people falling under the tax net.
- c. It is the income of people which can be taxed by the government.
- d. It is the aggregate value of financial streams on which tax can be imposed by the government.

30. Which of the following is the correct combination reflecting increasing order of liquidity in money aggregates?

- a. M1 – M2 – M3 – M4
- b. M1 – M2 – M4 – M3
- c. M4 – M3 – M2 – M1
- d. M4 – M2 – M1 – M3

31. Under which of the following heads will the surplus RBI reserves transfer to government be classified?

- Non-tax revenue receipts
- Non-debt Capital receipts
- Market borrowings
- Debt receipts

32. Which of the following statements regarding 'inverted duty structure' in foreign trade is correct?

- It is a situation in which imports of intermediate goods are taxed at a higher rate than the finished goods
- It is a situation in which finished goods imports are taxed at a higher rate than the intermediate goods
- It makes domestic manufactured goods more competitive than finished product imports in the domestic market
- It is related to anti-dumping duty

33. The term 'provisioning' in the banking sector is related to which of the following

- It is the loss that the bank incurs on sale of bad assets
- It is the amount of fund that the banks need to set aside when the loan turns NPA
- It is the minimum amount of funds that the depositors will receive when the bank goes bankrupt
- It is the minimum amount which the borrower will have to pay even if the loan turns NPA

34. Which of the following organizations has recently released the Future of Jobs Report?

- World Economic Forum
- World Bank
- International Labour Organization
- International Monetary Fund.

35. The book- 'The Economic History of India' is written by

- Dadabhai Naoroji
- Justice Mahadeo Govind Ranade
- Romesh Chandra Dutt
- Prithwishchandra Ray.

36. In the context of Indian freedom struggle, consider the following events.

- Announcement of transfer of British India capital from Calcutta to Delhi
- Formation of Gadar Party
- Alipore conspiracy case
- Adoption of Self Government as the goal of Indian National Congress

What is the correct chronological sequence of the above events?

- 2-1-3-4
- 3-4-1-2
- 4-3-1-2
- 3-4-2-1

37. Mahatma Gandhi organized a satyagraha on behalf of the peasants of Champaran to:

- Oppose exploitation by the European planters under the Tinkathia system
- Conduct a detailed inquiry into the condition of the cotton share-croppers in that region.

Select the correct answer using the code given below.

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

38. Which of the following events took place during the tenure of Lord Dalhousie?

- Annexation of Punjab by East India Company
  - Enactment of the Widow's Remarriage Act.
  - Revolt of 1857
- Select the correct answer using the code given below.
- 1, 2 and 3
  - 1 and 2 only
  - 1 and 3 only
  - 2 only

39. What was the purpose of the formation of Peel Commission after the revolt of 1857?

- To look into the military affairs of India.
- To facilitate entry of more Indians in civil services by lowering the age.

- c. To lay down the blueprint for future relations between the Crown and the Princely States.
- d. To lay down the foundation for Western education in India.

40. With reference to the Ryotwari System, which of the following statements are correct?

- 1. It recognized the peasants as the owner of the land.
- 2. The tax was imposed based upon the assessment of land instead of actual crop produce

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

41. With reference to the Sabrimala Temple, often seen in the news, consider the following statements:

- 1. It is dedicated to Lord Venkateshwara.
- 2. It is open to people from all religions.
- 3. It is located on the banks of the river Pamba.

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

42. Which of the following statements about the 'Home Charges' is/are correct?

It referred to the expenses incurred by the Governor General and his establishment in India.

- 1. Home Charges were annually remitted to England out of the Indian revenue.
- 2. The amount of 'Home Charges' gradually decreased after 1857.

Select the correct answer using the code given below.

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

43. In the context of freedom struggle during 19th century, the Azamgarh proclamation was associated with?

- a. 1904 Universities Act
- b. Revolt of 1857
- c. Moplah uprisings
- d. Pabna revolt

44. With reference to the recently announced Gaganyaan mission, which of the following statements is/are correct?

- 1. It will be India's first manned space mission.
- 2. GSLV Mk-III will be used as a launch vehicle in the mission.
- 3. The spacecraft will be placed in a low earth orbit of 300-400 km.

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

45. Consider the following recommendations:

- 1. Free, universal and compulsory elementary education for 6-11 years age group.
- 2. Ending of adult illiteracy within 20 years.
- 3. Stress on education for the physically and mentally handicapped.

Which of the following proposed the above recommendations?

- a. Hartog Commission
- b. Hunter Education Commission
- c. Sergeant Plan of Education
- d. Radhakrishna Commission

46. With reference to the Project Tiger, consider the following statements:

- 1. It is a Centrally Sponsored Scheme of the Ministry of Environment, Forests and Climate Change.
- 2. It seeks to increase the tiger population through both in-situ and ex-situ conservation.



3. The National Tiger Conservation Authority is the nodal coordinating agency of Project Tiger.

- b. 2 and 3 only  
c. 3 and 4 only  
d. 1 and 4 only

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

47. The National Green Tribunal is competent to hear matters related to which of the following laws?

1. Forest (Conservation) Act, 1980  
2. Environment (Protection) Act, 1986  
3. Public Liability Insurance Act, 1991  
4. Wildlife (Protection) Act, 1972

Select the correct answer using the code given below.

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

48. Which one of the following is the best description of the term "bioprospecting"?

- a. It is the process of absorbing excess carbon dioxide from atmosphere using metallic compounds.  
b. It is the systematic use of non-native flora and fauna in other places to increase biodiversity.  
c. It is the use of gene alteration method to make micro-organisms effective against insects and mites.  
d. It is the search for biochemical and genetic information in nature to develop commercially-valuable products

49. Consider the following pairs: Biosphere Reserves States

1. Seshachalam : Tamil Nadu  
2. Pachmarhi : Chhattisgarh  
3. Nokrek : Meghalaya  
4. Dibru Saikhowa : Assam

Which of the pairs given above are correctly matched?

- a. 1 and 2 only

50. Revised Kyoto Convention", sometimes seen in news, is associated with:

- a. United Nations Framework Convention on Climate Change  
b. World Economic Forum  
c. World Customs Organization  
d. United Nations Environment Program

51. The Standards & Labeling Programme is an initiative by the Bureau of Energy Efficiency to provide the consumer an informed choice about the energy saving.

Under the programme, for which of the following appliances is it mandatory to display the energy performance labels?

1. LED Lamps  
2. Ceiling Fans  
3. LPG-Stoves

Select the correct answer using the code given below.

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

52. Recently the Cabinet Committee on Security cleared the India-based Neutrino Observatory project, consider the following statements regarding it:

1. It is an underground laboratory to study the properties of neutrinos.  
2. It is being constructed in Ladakh.

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 Carbon Credit and Carbon Offsetting:

- a. Carbon offsetting is a permit that represents legal right to emit one tonne of Carbon

dioxide or equivalent Green House gas (GHG).

- b. Carbon credit is the credit generated by reduction in emission of one tonne of Carbon dioxide.

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

54. Consider the following pairs:

Ramsar Sites                      State

- 1. Hokera Wetland: Jammu and Kashmir
- 2. Rudrasagar Lake: Tripura
- 3. Kanjli Wetland: Haryana

Which of the pairs given above are correctly matched?

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

55. The "Perform, Achieve and Trade (PAT)" scheme, sometimes seen in the news, is related to:

- a. Meeting Priority Sector Lending targets by Scheduled Commercial Banks.
- b. Promotion of start-ups in India.
- c. Increasing energy efficiency in large energy-intensive industries.
- d. Promoting international trade through strengthening domestic IPR regime

56. Under 74th Constitutional Amendment Act of 1992, at the Central level, the subject of 'urban local government' is dealt by which of the following three ministries?

- 1. Ministry of Housing and Urban Affairs
- 2. Ministry of Defence
- 3. Ministry of Home Affairs

Which of the statements given above is/are correct?

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

57. Consider the following statements regarding Election commission

- 1. According to the Constitution, Election Commission shall consist of the chief election commissioner and a maximum of two election commissioners.
- 2. In case of difference of opinion amongst the Chief Election Commissioner and/or two others election commissioners, the matter is decided by the Commission by majority.

Which of the statements given above is/are correct?

- a. Only A.
- b. Only B.
- c. Both 1 and 2
- d. Neither 1 nor 2

58. Consider the following statements regarding Unlawful Activities (Prevention) Act (UAPA)

- 1. Under UAPA, only Indian nationals can be charged.
- 2. It will be applicable to the offenders in the same manner, even if crime is committed on a foreign land, outside India.

Which of the statements given above is/are correct?

- a. Only A.
- b. Only B.
- c. Both 1 and 2
- d. Neither 1 nor 2

59. During the Chola period, Vetti and Kadamai were

- a. Temple guards
- b. River embankments
- c. Port services
- d. Taxes imposed by the state

60. Consider the following statements:

- 1. The motion for the impeachment of the Governor passed by the State Legislative Assembly should be approved by the President
- 2. The State Legislative Council does not take part in the proceedings of the impeachment of the Governor
- 3. The tenure of the Governor in a state is fixed for a term of five years.

Which of the statements given above is/are correct?

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

61. The term 'Washington Consensus' sometimes seen in the news recently, is

- a. A new information system that brings together information on International Labour Standards as well as national labour and social security laws.
- b. A set of neoliberal economic prescriptions favourable for the long-term economic growth in developing economies
- c. An international agreement enables two counterparties in a financial contract to offset claims against each other
- d. A strategy by the government to counter boom or recession through fiscal measures

62. Consider the following statements about 'Non-Fungible Token' which sometimes been seen in the news recently

- 1. It is a digital asset that exists on a blockchain.
- 2. All kinds of digital can be turned into Non-Fungible Token
- 3. It can be bought only with cryptocurrencies

Which of the statements given above is/are correct?

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

63. Consider the following statements about the International Comparison Program:

- 1. It is a global statistical initiative to collect comparative price data and produce purchasing power parities for participating economies
- 2. It is managed by the International Monetary Fund under the auspices of the United Nations Statistical Commission

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

64. Consider the following statements about the mRNA vaccines:

- 1. mRNA vaccines use the live virus that causes COVID-19.
- 2. mRNA vaccines teach our cells to make a protein.
- 3. They enter the nucleus of the cell, which is where our DNA is kept.

Which of the statements given above is/are correct?

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

65. Consider the following statements about The Urban Learning Internship Program (TULIP):

- 1. It is an initiative of the Ministry of Education.
- 2. It aims to provide internship opportunities to fresh graduates in all Urban Local Bodies.

Which of the statements given above is/are correct?

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

66. Consider the following statements about the Cotton Cultivation:

- 1. India is the only country to grow all four species of cultivated cotton.
- 2. India is the highest cotton producing country globally and also the largest consumer of cotton in the world.

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

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

67. Under the Constitution of India, the safety, welfare and health of workers employed in mines are the concern of the

- Central Government
- State Government
- Both Central and State Government
- Neither Central nor State Government

68. Consider the following statements about the Short-Term Capital Gains Tax

- Any capital asset held by the taxpayer for not more than 48 months immediately preceding the date of its transfer will be treated as a short-term capital asset.
- The gain on depreciable assets is always taxed as short-term capital gain

Which of the statements given above is/are correct?

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

69. With reference to the reserves of the Reserve Bank of India, which one of the following makes up the large portion of the reserves?

- The currency and gold revaluation account
- The investment revaluation account
- The asset development fund
- The contingency fund

70. With reference to The Global Alliance for Vaccines and Immunizations, consider the following statements

- It is an intergovernmental organization of United Nations for vaccines and immunizations
- Now it vaccinates almost half of the world's children

Which of the statements given above is/are correct?

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

71. Consider the following statements about Production Linked Incentive Scheme

- One of the objectives of this scheme is to introduce tariff measures to compete more effectively with cheap imports.
- Eligibility criteria in terms of minimum threshold cumulative investment are uniform across the sectors.
- Automobile components and specialty steel are covered under the scheme.

Which of the statements given above are correct?

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

72. Consider the following statements about RT-LAMP Technology

- It is a nucleic acid amplification method to multiply specific sequences of DNA of the coronavirus.
- The assay is so fast that the result can be obtained within 30 minutes.
- It does not need laborious preparation as in the case of RT-PCR.

Which of the statements given above are correct?

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

73. Which of the following features is/are common to the sites "Gufkral" and "Chirand"?

- Both of them are Neolithic sites.
- Bone implements and tools are found in both sites.
- Both of them are situated in modern-day Bihar.

Select the correct answer using the code given below.

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

74. Consider the following statements about Saffron Cultivation in India

1. It requires to be underground at sub-zero temperature for few days.
2. It requires adequate rain once sown in the cold and dry areas.
3. It is prominently cultivated in the Hilly States/UTs such as J&K, Ladakh, Himachal Pradesh, Uttarakhand, Sikkim etc.

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

75. Consider the following statements regarding the Rig Vedic Period:

1. There are many references to the cow in the Rig Veda, but there is no mention of bulls in the Rig Veda.
2. The king's post had become hereditary during the Rig Vedic period and he exercised unlimited power.

Which of the statements is/are correct?

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

76. Consider the following statements regarding Special Purpose Acquisition Companies (SPAC):

1. It is seen as an alternative for Initial Public Offerings
2. It mainly focuses on raising capital and does not involve in commercial operations
3. SPAC stays in the market till a target company is identified and gets merged with it

Select the correct answer from the given code:

1. 1 only
2. 2 only
3. 1 and 3 only
4. 1, 2, and 3

77. Consider the following statements about Stem cells:

1. Obtaining Embryonic stem cells (ESC) involves the destruction of the forming embryo.
2. Induced Pluripotent Stem Cells have the same properties and genetic profile as ESCs.
3. Adult stem cells are present in a metabolically inactive state in almost all specialized tissues of the body.
4. Induced Pluripotent stem cells can be generated from the patient's own cells.

Which of the statements given above are correct?

- a. 4 only
- b. 2, 3 and 4 only
- c. 1, 2, 3 and 4
- d. None of the above

78. The power to establish a common High court for two or more states is vested in

- a. President of India
- b. Parliament of India
- c. Chief Justice of India
- d. Supreme Court of India

79. Article 14 of the Indian constitution guarantees 'Equality before law', which of the following best explains the term:

1. The absence of any special privileges in favour of any person.
2. The like should be treated alike without any discrimination.
3. No person is above the law.

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

80. Which of the following statements about Swamitva scheme is/are correct?

1. It is a digital platform that will help prepare and execute Gram Panchayat Development Plans.

2. It will help to map rural inhabited lands using modern technologies like use of drones. 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

Directions for the following 5 (Five) items:  
*Read the following five passages and answer the items that follow each passage. Your answers to these items should be based on the passages only.*

#### Passage – 1

We should not only expect that labour flows will now be more strictly regulated than before. But also, more than ever before in recent decades, Western investors will also have to factor in political risks in their investment decision-making. Instead of chasing lower labour costs, they will either bring capital back to domestic shores, or geographically restructure their supply chains. For a whole range of goods, the global supply chains for all practical purposes became Chinese supply chains. That level of economic concentration is no longer politically sustainable.

81. What is the most logical and crucial message conveyed by the passage?
- a. Availability of cheap labours no longer the key factor in determining the location of industries.
  - b. Political factors need to be given due priority by investors in their investment decisions.
  - c. The world should move towards economic liberalism to curb economic concentration.
  - d. Current economic policies globally are not conducive for investment.

#### Passage – 2

It is important to remember that forest restoration is more than just planting trees. It's about reinstating the balance of the ecological, social and economic benefits of forests and trees within a broader pattern

of land use. In some cases, this is best achieved by assisting the natural regeneration of local plant species, while in others, the planting of trees and other vegetation helps speed up the process of restoring the health and productivity of degraded landscapes. The Great Green Wall is an example of the latter. With support from the Food and Agriculture Organization of the United Nations (FAO), some 63,000 hectares have recently been brought under restoration, befitting 1 million people.

82. Which one of the following is best implied in the passage?
- a. Afforestation should be taken in mission mode to restore forests.
  - b. We need to take a more comprehensive and multidimensional approach with respect to land use to achieve the goal of forest restoration.
  - c. Invasive alien species should be effectively curbed to protect the local plants.
  - d. Green walls should be created globally to restore degraded forests.

#### Passage – 3

Whatever the outcome, it is clear that existing ideas about acceptable levels of data exchange are being challenged. Default norms provide power to the tech platforms to collect, analyse and monetize data with complete control. This undergirds business models that seem undesirable for society—with harms to privacy and free speech. Increasingly, users are aware of risks and are not shy of taking their business elsewhere. Global discussions about alternatives to the —exchange of data for free services" are becoming nuanced. The discourse in India is mature, and we are not just accepting global norms in data governance but actively challenging and shaping them as they emerge.

83. Which one of the following statements best implies the crux of the message?
- a. India's approach has been largely passive with regard to shaping the global data governance framework.

- b. Tech platforms should not be allowed to collect personal data of individuals so as to protect privacy and free speech.
- c. India has emerged as a key player in shaping global data governance.
- d. Tech platforms have emerged as the biggest threat to privacy and free speech.

Passage – 4

Unresolved agrarian questions, slow pace of industrial development and distorted economic growth of the service sector, have all led to the nature of economic development that is not symmetrical or equally poised with political democracy and rights. As long as capitalism in India remains backward to a large extent, in agriculture and industry, and as long as the distorted development continues, we will be stuck with the impasse of backward-looking nationalism and authoritarian populism. Current impasse is a product of achieving political modernity and a superstructure without its accompanying economic basis.

84. Which one of the following statements best implies the crux of the passage?
- a. Political democracy and economic development are mutually exclusive in developing countries.
  - b. India needs to adopt laissez faire to promote capitalism so that the industrial base gets a boost.
  - c. Inclusive development should be India 's motto to achieve optimum economic development within the framework of political democracy.
  - d. India needs to promote progressive economic nationalism which favours curb on authoritarian populism.

Passage – 5

Investment in human capital development is a prerequisite for job creation, growth and productivity. The level of cognitive skills of a nation's students has a large effect on its subsequent economic growth rate. Nobel Laureate-economist Theodore Shultz has also conclusively proved that increased national output is a result of investment in

human capital in the form of knowledge and skills. The rich-world connected the dots early and that's why today they are far ahead of India on all counts. Industries, commerce, national development can only succeed with an educated workforce. Education is the master key that can unlock this country 's potential and needs to be top priority on the economic agenda. The national interest demands it.

85. With reference to the above passage, which one of the following could be the most rational and practical implication/implications for India?

- 1. Without investing in education India cannot realise its demographic dividend.
- 2. India should make its education system more decentralised to promote skill building.
- 3. If India invests 5% of its GDP on education and skilling youth then India can join the group of top 5 most advanced countries.
- 4. Skill building of the youth in rural areas will definitely curb rural-to-urban migration.

Select the correct answer using the code below.

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

86. Pinki and Jyoti are assigned a task of calculating roots of a quadratic equation. Pinki made a mistake in interpreting the value of constant term and she calculated roots as (8, 6). Jyoti made a mistake in interpreting the coefficient of X and she calculated roots as (6, 4). What must be the correct roots of the equation?

- a. (-8, -6)
- b. (10, 4)
- c. (-10, -4)
- d. (2, 12)

87. Let a, b, c and d be natural numbers such that  $a - 1 = b + 2 = c - 3 = d + 4$

Which one of the following is the largest number?

- a. a
- b. b
- c. c
- d. d

88. Ankur has three children namely Puneet, Abhishek and Sameer. He divides a sum of Rs. 250 among his three children in the ratio of  $1/2 : 3/4 : 5/6$ . What is the difference between the maximum share and the minimum share?

- a. Rs. 25
- b. Rs. 40
- c. Rs. 45
- d. Rs. 50

89. For the fractions  $1/2$ ,  $2/3$ ,  $5/9$ ,  $6/13$ , and  $7/9$ , which of the following is not correct?

- I.  $6/13$  is fourth from right side when all the fractions are arranged in ascending order of their values.
- II.  $2/3$  and  $7/9$  will be the first and second fraction respectively, when all the fractions are arranged in descending order of their values.
- III.  $6/13$  is the smallest fraction.
  - a. Only I and II
  - b. Only I and III
  - c. Only III
  - d. Only II and III

90. 24 men and 32 boys can do a piece of work in 10 days and 26 men and 48 boys can do it in 8 days. What is the ratio of daily work done by a man with that by a boy?

- a. 3: 1
- b. 2: 1
- c. 5: 6
- d. 3: 4

91. If the product of  $p$  positive integers is  $p^p$ , then their sum is

- a. a negative integer
- b. equal to  $p$
- c.  $p + 1/p$
- d. never less than  $p^2$

92. A hollow pipe which has a diameter of 0.75 inches is cut into 3 equal parts. The resulting portions are then cut into 12, 18 and 32 equal parts, respectively.

If each of the resulting portions have integer length, then the minimum length of the original pipe must be

- a. 6912 units
- b. 864 units
- c. 288 units
- d. 240 units

93. A simple mathematical operation on certain prime numbers provide us the following number sequence: 122, 134, 142, 146, 158, 166, 178. What will be the next number in the given sequence?

- a. 184
- b. 194
- c. 189
- d. 196

94. Let P6KG and V6X be four digit and three-digit numbers respectively, where each letter represents a different digit greater than 4.

If the difference between the numbers is 7711, then what is the value of the summation of G and X?

- a. 11
- b. 16
- c. 15
- d. 14

95. There are 6 members A, B, C, D, E and F in a family who are spread across 3 generations. There are two couples in the family and no one from the third generation is married. E is the wife of C. F and B are a couple and the only people belonging to their generation. There are 4 male members in the family. Which of the following must be true?

- a. D is the grandson of A.
- b. A and E belong to the same generation.
- c. There is no female in the third generation.
- d. E is the father of F

96. Which of the following Kingdoms were contemporary of the Kanva kingdom?

- a. Satavahanas
- b. Gupta
- c. Shunga
- d. Nanda



97. Consider the following statements regarding inflation

1. Inflation is more likely to have a significant positive effect on a currency's value and foreign exchange rate.
2. Inflation is independent to interest rates.

Which of the statements given above is/are correct?

- a. Only A.
- b. Only B.
- c. Both 1 and 2
- d. Neither 1 nor 2

98. Consider the following statements regarding Community

1. Minor Communities are dependent on neighboring communities and are often called societies.
2. A community may have one or several species.

Which of the statements given above is/are correct?

- a. Only A.
- b. Only B.
- c. Both 1 and 2
- d. Neither 1 nor 2

99. Which of the following is/are meaning of the word republic in Preamble?

1. Vesting of political sovereignty in the people.
2. The absence of any privileged class.

Which of the statements given above is/are correct?

- a. Only A.
- b. Only B.
- c. Both 1 and 2
- d. Neither 1 nor 2.

100. Consider the following statements regarding protection of law from Fundamental rights

1. Article 31A saves certain categories of laws from being challenged and invalidated on the ground of contravention with any of the fundamental rights.
2. Article 31B immunizes any law included in the Ninth Schedule, on the ground of contravention of the fundamental rights conferred by Article 14 and Article 19 only.

Which of the statements given above is/are correct?

- a. Only A.
- b. Only B.
- c. Both 1 and 2
- d. Neither 1 nor 2