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Time: 2 Hours

Max. Marks: 100

Name of the student: Div:

Name of the school :

Instructions:

- All questions are compulsory.
- Each question carries 1 mark.
- Choose the most appropriate answer from the given options.
- Use the OMR sheet provided to mark your answers.

1. What is the correct chronological order of these revolutions?

1. French Revolution
2. Industrial Revolution
3. Russian Revolution
4. American Revolution

A) 4, 1, 2, 3

B) 1, 4, 2, 3

C) 4, 2, 1, 3

D) 2, 1, 4, 3

2. Which structure is found in plant cells but not in animal cells?

A) Mitochondria

B) Nucleus

C) Cell wall

D) Ribosomes

3. Which of the following statements about metals is true?

- A) Metals are generally non-lustrous.
- B) Metals have high melting and boiling points.
- C) Metals do not react with acids.
- D) Metals are usually gaseous at room temperature.

4. What is the next number in this series: 3, 9, 27, 81...?

A) 100

B) 162

C) 324

D) 243

5. Who is often referred to as the ‘Father of the White Revolution’ in India?

- A) Dr. Verghese Kurien
- B) Dr. M.S. Swaminathan
- C) Dr. B.R. Ambedkar
- D) Dr. A.P.J. Abdul Kalam

6. What is jhum cultivation commonly known as?

- A) Terrace farming
- B) Shifting cultivation
- C) Intensive farming
- D) Organic farming

7. Assertion (A): A lunar eclipse occurs when the Earth comes between the Sun and the Moon.

Reason (R): During a lunar eclipse, the Earth’s shadow falls on the Moon, causing it to appear darkened.

- A) Both A and R are true, and R is the correct explanation of A.
- B) Both A and R are true, but R is not the correct explanation of A.
- C) A is true, but R is false.
- D) A is false, but R is true.

8. Who is the founder of the Fascist Party in Italy?

- A) Benito Mussolini
- B) Adolf Hitler
- C) Francisco Franco
- D) Leon Trotsky

9. Which blood cell is primarily involved in the clotting process?

- A) Red blood cells
- B) White blood cells
- C) Platelets
- D) Plasma

10. What title was given to Shivaji Maharaj after his coronation in 1674?

- A) Peshwa
- B) Maharaja
- C) Sultan
- D) Chhatrapati

11. What element is necessary to make stainless steel?

- A) Carbon
- B) Nickel
- C) Chromium
- D) Manganese

12. What is the primary purpose of Panchayat Raj institutions in India?

- A) To manage state police forces
- B) To promote local self-governance
- C) To oversee national elections
- D) To implement central government policies

13. Which type of screen is often used in televisions and computer monitors?

- A) Only LCD
- B) Only LED
- C) Both LCD and LED
- D) None of the above

14. What does the Richter scale measure?

- A) The intensity of earthquakes
- B) The magnitude of earthquakes
- C) The depth of earthquakes
- D) The frequency of earthquakes

15. Should India make fitness tests mandatory for school athletes?

Arguments:

- I. Yes, it ensures athletes stay healthy and prevents injuries.
- II. No, it could limit chances for students with potential but lower fitness levels.

- A) Only argument I is strong
- B) Only argument II is strong
- C) Either I or II is strong
- D) Neither I nor II is strong

16. Which vitamin benefits the skin when exposed to sunlight?

- A) Vitamin A
- B) Vitamin B12
- C) Vitamin D
- D) Vitamin E

17. Sohan introduces Mohan as the son of the only brother of his father's wife. How is Mohan related to Sohan?

- A) Cousin
- B) Son
- C) Uncle
- D) Son-in-law

18. Which of the following is a common Kharif crop?

- A) Wheat
- B) Rice
- C) Barley
- D) Mustard

19. The average weight of A, B, C is 40 Kg, The average weight of B, D, E is 42 Kg and the weight of F is equal to that of B. What is the average weight of A, B, C, D, E and F?

- A) 40.5 Kg
- B) 40.8 Kg
- C) 41 Kg
- D) Cannot be determined

20. Fourth Generation computers were based on.

- A) IC
- B) Vacuum tube
- C) transistor
- D) Microprocessors

21. Where is Rani Ki Vav located?

- A) Rajasthan
- B) Gujarat
- C) Maharashtra
- D) Madhya Pradesh

22. What is the antonym of "brave"?

- A) Bold
- B) Fearless
- C) Cowardly
- D) Courageous

23. What does UPI stand for?

- | | |
|--------------------------------|----------------------------------|
| A) Unified Payment Integration | B) Universal Payment Interface |
| C) Unified Payments Interface | D) Unilateral Payment Initiative |

24.. The fastest and most expensive computers are _____?

- | | |
|------------------------|----------------------|
| A) Super Computers | B) Quantum Computers |
| C) Mainframe Computers | D) Micro Computers |

25. Which of the following is a common fuel used in nuclear reactors?

- | | | | |
|----------------|---------|----------------|--------|
| A) Uranium-235 | B) Coal | C) Natural gas | D) Oil |
|----------------|---------|----------------|--------|

26. What was the symbolic significance of the Dandi March?

- | | |
|---|--------------------------------------|
| A) It symbolised economic independence. | B) It symbolised the unity of India. |
| C) It symbolised the fight against injustice. | D) All of the above. |

27. What is the main purpose of socialisation?

- A) To create social conflict
- B) To help individuals integrate into society
- C) To promote individualism
- D) To limit social interactions

28. Which of the following regions is known for its evergreen forests?

- | | |
|------------------|----------------------|
| A) Sahara Desert | B) Amazon Rainforest |
| C) Arctic Tundra | D) Great Plains |

29. What is a synonym for “diligent”?

- | | |
|-------------|----------------|
| A) Lazy | B) Negligent |
| C) Careless | D) Hardworking |

30. The publication started by Gandhiji that was primarily aimed at the Indian diaspora in South Africa was called ____??

- | | |
|----------------|-----------------------|
| A) Young India | B) Indian Opinion |
| C) Harijan | D) The Voice of India |

31. Which of the following is a characteristic of a mixed economy?

- A) Complete government ownership of all industries
- B) Private and public sectors coexist
- C) No government intervention in the market
- D) A purely market-driven economy

32. What does IP stand for in IP address?

- A) Internet Protocol
- B) Internet Process
- C) Internet Program
- D) Internet Port

33. Which company developed the Windows operating system?

- A) Apple
- B) Microsoft
- C) IBM
- D) Google

Read the following passage and answer the questions provided below.

Social media is a popular way for students to connect with friends and share their thoughts. However, it's important to use social media responsibly and follow good etiquette. First, always think before you post. Ask yourself if your content is appropriate and if it could hurt someone's feelings. Once something is shared online, it can be difficult to take it back.

Second, respect others' privacy. Before tagging friends in photos or sharing their personal information, make sure you have their permission. This shows you care about their feelings and helps maintain trust in your friendships.

Finally, engage in positive conversations. If you disagree with someone, it's best to discuss it respectfully and avoid negative comments. Being kind and understanding online can help create a supportive community for everyone.

34. What is the first rule of social media etiquette mentioned in the passage?

- A) Always share your location
- B) Think before you post
- C) Follow everyone you meet
- D) Post as often as you can

35. Why is it important to respect others' privacy on social media?

- A) To avoid getting in trouble
- B) To gain more followers
- C) To maintain trust and show you care about their feelings
- D) To make your profile look better

36. How should students handle disagreements on social media according to the passage?

- A) By ignoring the other person's opinion
- B) By discussing it disrespectfully
- C) By having a respectful discussion
- D) By deleting the comment

37. What is the name of Amazon's virtual assistant?

- A) Siri
- B) Google Assistant
- C) Alexa
- D) Cortana

38. Which organisation is responsible for publishing the Red Data Book in India?

- A) World Wildlife Fund (WWF)
- B) International Union for Conservation of Nature (IUCN)
- C) Wildlife Institute of India
- D) National Geographic Society

39. Which Indian national park is known for its population of Asiatic lions and has gained attention for conservation efforts?

- A) Bandhavgarh National Park
- B) Gir National Park
- C) Ranthambore National Park
- D) Kanha National Park

40. Which colour in the VIBGYOR spectrum has the shortest wavelength?

- A) Green
- B) Blue
- C) Violet
- D) Red

41. Which of the following statements is true about the Legislative Council?

- A) It is the upper house in a bicameral legislature.
- B) It is elected directly by the public.
- C) It is always larger than the Legislative Assembly.
- D) It has more powers than the Legislative Assembly.

42. The resistance of a conductor is directly proportional to:

- A) Its area of cross-section
- B) density
- C) melting point
- D) length

43. Sarojini Naidu was also known by which of the following titles?

- A) Nightingale of India
- B) Mother of the Nation
- C) Iron Lady of India
- D) Lady of the Lake

44. Complete the sentence: "If she had known about the party, she ____."

- A) comes
- B) would have come
- C) will come
- D) would come

45. What phenomenon causes a swimming pool to appear shallower than it actually is?

- A) Reflection
- B) Refraction
- C) Dispersion
- D) Diffraction

46. Which of the following is a classical dance form from India?

- A) Salsa
- B) Hip-hop
- C) Tango
- D) Kathak

47. What is cancer?

- A) A viral infection
- B) Uncontrolled cell division
- C) A bacterial infection
- D) A type of genetic disorder

48. Rafa, recently in news, is a town located in which of the following countries?

- A) Egypt
- B) Israel
- C) Palestine
- D) Jordan

49. Fruits develop from which part of the flower?

- A) Stamen
- B) Stigma
- C) Ovary
- D) Ovule

50. Who is known as the “Father of the Indian Renaissance”?

- A) Raja Ram Mohan Roy
- B) Swami Vivekananda
- C) Mahatma Gandhi
- D) B. R. Ambedkar

51. Assertion (A): Auroras are caused by the interaction between solar winds and the Earth’s magnetic field.

Reason (R): Solar winds consist of charged particles emitted by the Sun, which collide with gases in the Earth’s atmosphere, leading to the emission of light.

- A) Both A and R are true, and R is the correct explanation for A.
- B) Both A and R are true, but R is not the correct explanation for A.
- C) A is true, but R is false.
- D) A is false, but R is true.

52. Which of the following is the respiratory pigment in the human body?

- A) Chlorophyll
- B) Water
- C) Blood
- D) Haemoglobin

53. In which year did India win its first-ever cricket World Cup?

- A) 1975
- B) 1983
- C) 1992
- D) 1996

54. The process of converting atmospheric nitrogen into a usable form by plants is called:

- A) Nitrogen fixation
- B) Denitrification
- C) Nitrification
- D) Ammonification

55. Which countries will host the FIFA World Cup in 2026?

- A) Qatar, Saudi Arabia, and UAE
- B) USA, Canada, and Mexico
- C) Germany and France
- D) England and Italy

56. I.Elections are a fundamental part of democracy.

II.All countries in the world conduct elections regularly.

- | | |
|---------------------------|----------------------------|
| A) Only the first is true | B) Only the second is true |
| C) Both are true | D) Neither is true |

57. Which of the following numbers is a prime number?

- | | |
|-------|-------|
| A) 15 | B) 21 |
| C) 29 | D) 35 |

58. Which of the following laws is associated with the heating effect of electric current?

- | | |
|------------------|-----------------|
| A)Joule’s law | B) Ohm’s law |
| C) Faraday’s law | D) Newton’s law |

59. In which year did the First Battle of Panipat take place?

- | | |
|---------|---------|
| A) 1498 | B) 1556 |
| C) 1701 | D) 1526 |

60. Which of the following is often referred to as the “Nobel Prize of Mathematics”?

- | | |
|-----------------|--------------------------|
| A) Fields Medal | B) Clay Millennium Prize |
| C) Abel Prize | D) Gauss Prize |

61. Which animal is known for using ultrasonic sounds for navigation and hunting?

- | | | | |
|-------------|--------|--------|------------|
| A) Elephant | B) Dog | C) Bat | D) Dolphin |
|-------------|--------|--------|------------|

62. Which house of Parliament is known as the “House of the People”?

- | | |
|-----------------|--------------------|
| A) Lok Sabha | B) Rajya Sabha |
| C) Vidhan Sabha | D) Vidhan Parishad |

63. If someone says, “I need to put on sunscreen,” what are they referring to?

- | | |
|--------------------------|------------------------|
| A) To take off sunscreen | B) To apply sunscreen |
| C) To buy sunscreen | D) To remove sunscreen |

64. What condition results from a deficiency of red blood cells or haemoglobin?

- | | |
|---------------------|----------------|
| A) Leukaemia | B) Anaemia |
| C) Thrombocytopenia | D) Haemophilia |

65. How does civic sense contribute to a democratic society?

- | | |
|-----------------------------------|--|
| A) By encouraging apathy | B)By fostering individualism |
| C) By reducing public discussions | D) By promoting active citizenship and participation |

66. What is feminism primarily concerned with?

- A) Environmental issues
- B) Political power
- C) Economic growth
- D) Gender equality and women's rights

67. What does the term “netiquette” refer to?

- A) Internet security measures
- B) Etiquette and guidelines for online communication
- C) Coding practices for websites
- D) The study of internet algorithms

68. What is the neutral pH value of pure water ?

- A) 0
- B) 5
- C) 7
- D) 14

69. What is the primary soil type suitable for cotton cultivation in India?

- A) Red soil
- B) Black soil
- C) Alluvial soil
- D) Sandy soil

70. Which organ is responsible for pumping blood throughout the body?

- A) Brain
- B) Stomach
- C) Heart
- D) Liver

71. Which state is famous for its backwaters and houseboats?

- A) Goa
- B) Kerala
- C) Maharashtra
- D) West Bengal

72. Which of the following is a valid syllogism?

- A) All cats are animals. All animals are dogs. Therefore, all cats are dogs.
- B) All birds can fly. A sparrow is a bird. Therefore, a sparrow can fly.
- C) Some fruits are apples. All apples are sweet. Therefore, some fruits are sweet.
- D) Both B and C

73. What is the primary role of the UN Security Council?

- A) To promote human rights
- B) To oversee international law
- C) To maintain international peace and security
- D) To manage humanitarian aid

74. Who is the current Governor of the Reserve Bank of India ?

- A) Raghuram Rajan
- B) Shaktikanta Das
- C) Urjit Patel
- D) Duvvuri Subbarao

75. Which state is known as the “Land of Five Rivers”?

- A) Haryana
- B) Uttarakhand
- C) Himachal Pradesh
- D) Punjab

76. What does the term “literacy” primarily refer to?

- A) The ability to perform mathematical calculations
- B) The ability to read and write
- C) The ability to speak multiple languages
- D) The ability to understand complex scientific concepts

77. What is the summer capital of Jammu and Kashmir?

- A) Jammu
- B) Srinagar
- C) Leh
- D) Pahalgam

78. What is a primary effect of globalisation on the world economy?

- A) Increased trade barriers
- B) Reduction in international trade
- C) Greater economic interdependence between countries
- D) Decrease in cultural exchange

79. Which river is known as the “Sorrow of Bengal”?

- A) Brahmaputra
- B) Ganga
- C) Hooghly
- D) Yamuna

80. Which of the following activities does not belong to the primary sector?

- A) Fishing
- B) Forestry
- C) Mining
- D) Banking

81. Who painted the Mona Lisa?

- A) Vincent van Gogh
- B) Pablo Picasso
- C) Leonardo da Vinci
- D) Michelangelo

82. Muhammad bin Tughlaq is often described as a ruler with which of the following qualities?

- A) Practicality
- B) Visionary but impractical
- C) Strict authoritarian
- D) Peace-loving

83. What is the next number in the series: 1, 2, 4, 7, 11, __?

- A) 14
- B) 15
- C) 16
- D) 18

84. Which of the following lists contains subjects exclusively under the jurisdiction of the Central Government?

- A) State List
- B) Concurrent List
- C) Union List
- D) Residual List

85. Secularism in India is best described as:

- A) Strict separation of religion and state
- B) Equal respect for all religions
- C) Preference for Hinduism
- D) Atheism

86. In which year did the Indian film industry celebrate its centenary, marking 100 years since its first film?

- A) 2000
- B) 2013
- C) 2018
- D) 2020

87. What is the primary raw material used in the production of iron?

- A) Coal
- B) Bauxite
- C) Iron ore
- D) Limestone

88. Which country holds the record for the most Olympic gold medals in field hockey, and who was the captain of their team during the 1936 Berlin Olympics when they won in a historic final?

- A) Netherlands, Richard Kan
- B) Pakistan, Abdul Waheed
- C) Germany, Fritz Nolting
- D) India, Dhyan Chand

89. Which term is commonly used to describe a person's ability to recognise, understand, and manage their own emotions and the emotions of others?

- A) Intelligence Quotient
- B) Social Quotient
- C) Emotional Quotient
- D) Adaptability Quotient

90. Which company has collaborated with the Government of Kerala for the development of Vizhinjam Port?

- A) Tata Ports
- B) Adani Ports
- C) DP World
- D) GVK Power

91. What is the theme of Independence Day 2024 in India?

- A) Celebrating Heritage
- B) Azadi Ka Amrit Mahotsav
- C) Empowering Women
- D) Sustainable Development

92. The “Silk Road,” an ancient trade route that facilitated the exchange of goods and cultural ideas between East and West, primarily connected which two regions?

- A) Africa and Europe
- B) China and Rome
- C) India and Persia
- D) Japan and India

93. A student placed an iron nail in copper sulphate solution. He observed the reddish brown coating on the iron nail, which is

- A) soft and dull
- B) hard and fading
- C) smooth and shining
- D) rough and granular

94. Which one of the following is acidic?

- A) Lemon juice
- B) Tomatoes
- C) Milk
- D) All of the above

95. Who is known for their “I Have a Dream” speech advocating for racial equality?

- A) Malcolm X
- B) Rosa Parks
- C) Martin Luther King Jr.
- D) Nelson Mandela

96. Which of the following is an example of a stereotype?

- A) All athletes are strong.
- B) Everyone should have their own beliefs.
- C) People can change their habits.
- D) Education is important for everyone.

97. Which of the following is NOT a name used for Navratri in different regions of India?

- A) Durga Puja
- B) Dussehra
- C) Garba
- D) Chaitra

98. What does AI stand for?

- A) Automated Integration
- B) Artificial Intelligence
- C) Automated Intelligence
- D) Advanced Information

99. ‘POCSO’ in POCSO Act stand for?

- A) Protection of Children from Sexual Offences
- B) Prevention of Child Sexual Offences
- C) Protection of Child Sexual Offenders
- D) Public Oversight of Child Safety

100. If the letter ‘X’ is represented by the number 24 in a numerical code (A=1, B=2, ...), what is the code for the word “BOX”?

- A) 21524
- B) 26724
- C) 29424
- D) 31724