

Time : 90 minutes

Full Marks : 100

Instructions : Answer **all** objective-type questions carrying 1 mark each.

1. The malaria parasite is transmitted to man by
 - (A) lice
 - (B) flea
 - (C) mosquito
 - (D) fly
2. The substance that hardens when mixed with water is
 - (A) red lead
 - (B) gypsum salt
 - (C) Epsom salt
 - (D) plaster of Paris
3. The first National Park established in India is
 - (A) Kaziranga National Park
 - (B) Corbett National Park
 - (C) Gir National Park
 - (D) Bandipur National Park
4. Which of the following is not a site for *in situ* method of conservation of flora?
 - (A) Biosphere reserve
 - (B) Botanical garden
 - (C) National park
 - (D) Wildlife sanctuary

5. Which of the following Indian States is placed second in the list of forest area?
- (A) Mizoram
 - (B) Arunachal Pradesh
 - (C) Madhya Pradesh
 - (D) Jammu and Kashmir
6. Which one of the following is a greenhouse gas?
- (A) Methane
 - (B) Nitrogen
 - (C) Hydrogen
 - (D) Oxygen
7. Which one of the following National Parks is situated in Uttar Pradesh?
- (A) Corbett National Park
 - (B) Gir National Park
 - (C) Kaziranga National Park
 - (D) Kanha National Park
8. Which one of the following National Parks is situated in Arunachal Pradesh?
- (A) Gir National Park
 - (B) Corbett National Park
 - (C) Kanha National Park
 - (D) Moulin National Park

9. Which company produced Brazuka, the ball made for the FIFA World Cup, 2014?
- (A) Reebok
 - (B) Nike
 - (C) Adidas
 - (D) Fire sports
10. Which bowler bowled the best figure of 7/33 in the Cricket World Cup, 2015?
- (A) Mitchell Starc
 - (B) Tim Southee
 - (C) Trent Boult
 - (D) Mitchell Marsh
11. Who was the maximum run scorer in the Cricket World Cup, 2015?
- (A) Virat Kohli
 - (B) Chris Gayle
 - (C) Martin Gupthil
 - (D) AB de Villiers
12. Which country will host the 2018 Asian Games?
- (A) Indonesia
 - (B) Bangladesh
 - (C) Sri Lanka
 - (D) Thailand

13. Which of the following diseases is caused by virus?

- (A) Typhoid
- (B) Tuberculosis
- (C) Malaria
- (D) Smallpox

14. Which of the following is not a part of our solar system?

- (A) Uranus
- (B) Asteroid
- (C) Supernova
- (D) Comet

15. Evaporation of water is

- (A) an endothermic chemical change
- (B) an endothermic physical change
- (C) an exothermic physical change
- (D) an exothermic chemical change

16. A universal blood donor has blood type

- (A) O
- (B) A
- (C) B
- (D) AB

17. The planets are kept in motion in their orbits by
- (A) their rotation and density
 - (B) gravitational force
 - (C) their giant size and spherical shape
 - (D) rotation of the sun on its axis
18. A white blood cell (WBC) count of blood is helpful in determining whether a patient has
- (A) infection
 - (B) RH factor
 - (C) antitoxin
 - (D) diabetes
19. Sound waves above 20000 Hz are called
- (A) overtones
 - (B) infrasonic
 - (C) ultrasonic
 - (D) subsonic
20. Deficiency of which vitamin affects the ability to see in dim light?
- (A) Vitamin A
 - (B) Vitamin C
 - (C) Vitamin D
 - (D) Vitamin B12

21. Mohenjo-daro is also called as

- (A) mound of the great
- (B) mound of the survivors
- (C) mound of the living
- (D) mound of the dead

22. Who is the expounder of Yoga Philosophy?

- (A) Gautam
- (B) Patanjali
- (C) Jamini
- (D) Shankaracharya

23. From where the Aryans came to India?

- (A) South-East Asia
- (B) Eastern Europe
- (C) Central Asia
- (D) Inner Mongolia

24. The dead bodies in Harappan Civilization was disposed off by

- (A) burial in a sitting position
- (B) cutting into pieces and thrown in the four directions
- (C) placing on a tall platform for vultures and other birds
- (D) burial with the head normally pointing towards North

25. At the excavation sites of Mohenjo-daro, what was found measuring $12 \times 7 \times 3$ mts?
- (A) A great hall
 - (B) A solid mound of red baked bricks
 - (C) A great bath
 - (D) A solid iron slab
26. Which of the following sites is famous for stupas, monasteries, temples and pillars?
- (A) Kannauj
 - (B) Shrihatta
 - (C) Sanchi
 - (D) Lothal
27. In which Buddhist scripture, religious practices in the contemporary period of Buddha has been mentioned?
- (A) Ambattha Sutta
 - (B) Mahavamsa
 - (C) Bhaddasala Jataka
 - (D) Brahmajala Sutta
28. Who among the following is known for his work on medicine and surgery during the Gupta period?
- (A) Susrutha
 - (B) Shaunaka
 - (C) Sudraka
 - (D) Saumilla

29. The ancient Indian play *Mudrarakshasa* of Vishakhadatta deals with
- (A) the ascent to throne by Chandragupta Maurya
 - (B) the story of the power struggle between two Aryans
 - (C) a romantic story of an Aryan prince and a tribal woman
 - (D) a conflict between gods and demons of ancient Hindu lore
30. Which one of the following was initially the most powerful City-State of India in the 6th century BC?
- (A) Magadh
 - (B) Kashi
 - (C) Kamboj
 - (D) Gandhar
31. Anekantavada is a core theory and philosophy of which one of the following?
- (A) Sikhism
 - (B) Jainism
 - (C) Vaishnavism
 - (D) Buddhism
32. Which of the following are the main sources of knowledge about Indus Valley Civilization?
- (A) Inscriptions
 - (B) Coins
 - (C) Palm and birch leaf manuscripts
 - (D) Archaeological excavations

33. The first metal that the people of towards the end of Neolithic age knew about was

- (A) iron
- (B) silver
- (C) bronze
- (D) copper

34. Pituitary gland is present

- (A) below the brain
- (B) above the brain
- (C) inside the brain
- (D) nowhere near the brain

35. The diploid number of chromosomes in human body is

- (A) $12 \times 2 = 24$
- (B) $20 \times 2 = 40$
- (C) $23 \times 2 = 46$
- (D) $24 \times 2 = 48$

36. Which of the following is not a vestigial organ in human beings?

- (A) Tailbone
- (B) Wisdom tooth
- (C) Appendix
- (D) Diaphragm

37. The largest continent in the world is

- (A) Europe
- (B) North American
- (C) Asia
- (D) Africa

38. Minimum velocity required by a body to escape earth's gravitation (escape velocity) is

- (A) 9.5 km/s
- (B) 11.2 km/s
- (C) 13 km/s
- (D) 24.25 km/s

39. Which one of the following is not an operating system of computers?

- (A) MP6
- (B) BSD
- (C) GNEXT/Linux
- (D) Windows NT

40. The eighteenth century philosopher Rousseau was

- (A) French
- (B) Russian
- (C) British
- (D) Belgian

41. Which of the following events can be ascribed to the year 1919?
- (A) Jallianwala Bagh Massacre
 - (B) Partition of Bengal
 - (C) Permanent Settlement of Bengal
 - (D) Subsidiary Alliance
42. The seasonal reversal of winds is the typical characteristic of
- (A) equatorial climate
 - (B) mediterranean climate
 - (C) monsoon climate
 - (D) All of the above
43. The first Gupta ruler who issued coins was
- (A) Srigupta
 - (B) Chandragupta I
 - (C) Samudragupta
 - (D) Chandragupta II
44. Blood flows against gravity is prevented from flowing back by
- (A) the extremely low-pressure of venous blood
 - (B) valves
 - (C) movements in the surrounding muscles
 - (D) narrowing down veins by the contraction of the muscle layer comprising their walls

45. Bile juice after secretion is stored in

- (A) pancreas
- (B) liver
- (C) spleen
- (D) gallbladder

46. Manganiyars are well-known for

- (A) martial arts in North-East India
- (B) musical tradition in Rajasthan
- (C) classical vocal music in South India
- (D) pietra dura tradition in Central India

47. Right to Vote and to be elected in India is a

- (A) fundamental right
- (B) constitutional right
- (C) natural right
- (D) legal right

48. The inspiration of 'liberty, equality and fraternity' was derived from

- (A) American revolution
- (B) Russian revolution
- (C) French revolution
- (D) Italian revolution

49. Kalidasa lived during the reign of
- (A) Harshavardhana
 - (B) Samudragupta
 - (C) Chandragupta Vikramaditya
 - (D) Chandragupta Maurya
50. Dhanvantari was
- (A) a musician in the court of Ashoka
 - (B) a famous general of Chandragupta Maurya
 - (C) a famous dramatist who lived during the time of Harsha
 - (D) a noted physician in the court of Chandragupta Vikramaditya
51. The two colossal images of the Buddha at Bamiyan were the works of
- (A) the Gupta Art
 - (B) the Gandhara Art
 - (C) the Maurya Art
 - (D) the Khushana Art
52. Who among the following lost his kingdom in Hindustan but retrieved it after about 15 years in exile?
- (A) Humayun
 - (B) Ala-ud-din Khilji
 - (C) Firuz Shah Tughluq
 - (D) Ghiyas-ud-din Tughluq

53. The tomb of Babur is located at
- (A) Lahore
 - (B) Kabul
 - (C) Istanbul
 - (D) Baghdad
54. The Mughal emperor who died to a sudden fall from the staircase, was
- (A) Aurangzeb
 - (B) Humayun
 - (C) Babur
 - (D) Jahangir
55. Who was the Afghan ruler of India whose administrative system was emulated by the British?
- (A) Ahmad Shah
 - (B) Sher Shah
 - (C) Bairam Khan
 - (D) Muhammad Shah
56. The bitterest war of succession under the great Mughals was fought among the sons of
- (A) Shah Jahan
 - (B) Aurangzeb
 - (C) Jahangir
 - (D) Babur

57. Which one of the following was the first English ship that came to India?
- (A) Red Dragon
 - (B) Elizabeth
 - (C) Mayflower
 - (D) Bengal
58. Who among the following Mughal rulers banned music and dancing?
- (A) Humayun
 - (B) Aurangzeb
 - (C) Babur
 - (D) Jahangir
59. Which of the following institutions was not founded by Mahatma Gandhi?
- (A) Sabarmati Ashram
 - (B) Sevagram Ashram
 - (C) Visva-Bharati
 - (D) Tolstoy Farm
60. In 1943, Netaji Subhash Chandra Bose proclaimed the formation of the Provisional Government of Free India (Arzi Hukumat-e-Azad Hind) in
- (A) Singapore
 - (B) Tokyo
 - (C) Rangoon
 - (D) Vienna

61. "Sisters and brothers of America." Who had said these words?

- (A) Mahatma Gandhi
- (B) Lala Lajpat Rai
- (C) Swami Vivekananda
- (D) Jawaharlal Nehru

62. Quit India Movement was started after the failure of

- (A) Cabinet Mission
- (B) Cripps' Mission
- (C) Simon Recommendations
- (D) Queen's Proclamation

63. The Indian National Army (INA) came into existence in

- (A) Japan
- (B) Burma
- (C) Malaysia
- (D) Singapore

64. The Article 370 of the Constitution of India provides for

- (A) temporary provisions for Jammu and Kashmir
- (B) special provisions in respect of Nagaland
- (C) provisions in respect of the financial emergency
- (D) military action against aggressor nation/s

65. Who among the following was the President of the Constituent Assembly of India?

- (A) M. A. Jinnah
- (B) Dr. Rajendra Prasad
- (C) Jawaharlal Nehru
- (D) Lal Bahadur Shastri

66. What is the motto incorporated under our National Emblem?

- (A) Jai Hind
- (B) Satyameva Jayate
- (C) Satyam Shivam Sundaram
- (D) Jai Jawan Jai Kisan

67. "From each according to his capacity, to each according to his needs" is the principle of

- (A) fascism
- (B) democracy
- (C) communism
- (D) dictatorship

68. What is the full form of NEFA—as Arunachal Pradesh was known earlier?

- (A) North-East Frontier Area
- (B) North-East Frontier Agency
- (C) North-East Frontier Assembly
- (D) North-East Frontier Activity

69. The Subansiri Lower Hydroelectric Project (SLHEP) is being constructed near
- (A) Tawang
 - (B) Tezu
 - (C) Gerukamukh
 - (D) Menchukha
70. The Galden Namgye Lhatse is in which place of Arunachal Pradesh?
- (A) Ziro
 - (B) Menchukha
 - (C) Bomdila
 - (D) Tawang
71. Thembang fortified village at Dirang under West Kameng district and which other place of Arunachal Pradesh are included in UNESCO's tentative list of World Heritage Sites?
- (A) Ziro, the Apatani cultural landscape in lower Subansiri district
 - (B) Ita Fort at Itanagar, in Papum-Pare district
 - (C) Namdapha National Park, in Changlang district
 - (D) Menchukha valley, in West Siang district
72. The annual Pushkar ka Mela takes place in the Indian State of
- (A) Uttar Pradesh
 - (B) Rajasthan
 - (C) Maharashtra
 - (D) Arunachal Pradesh
73. The Battle of Saraighat took place between Ahom forces under Lachit Borphukan against Mughal forces under the command of
- (A) Raja Satrajit of Bhusna
 - (B) Mir Jhumla
 - (C) Raja Ram Singh of Amber
 - (D) Rashid Khan

- 74.** The Sixth Dalai Lama, Tsangyang Gyatso, was born in which place of Arunachal Pradesh?
- (A) Ziro
 - (B) Menchukha
 - (C) Bomdila
 - (D) Tawang
- 75.** Parshuram Kund in Arunachal Pradesh is on the river
- (A) Subansiri
 - (B) Burhi Dihing
 - (C) Noa Dihing
 - (D) Lohit
- 76.** A man inside an artificial satellite feels weightlessness because the force of attraction due to earth is
- (A) balanced due to force of attraction due to moon
 - (B) zero
 - (C) equal to centrifugal force
 - (D) Non-effective due to solar radiation
- 77.** Mobile wallet launched by State Bank of India is named
- (A) Paytm
 - (B) Buddy
 - (C) Mobiquik
 - (D) None of the above
- 78.** The mobile app launched by PM Narendra Modi for Aadhaar-based digital payment
- (A) AYUSH
 - (B) Hamara Paisa
 - (C) NIMA
 - (D) BHIM

79. The 'Dark Continent' is
- (A) Africa
 - (B) Asia
 - (C) Australia
 - (D) South America
80. Which of the following latitudes passes through India?
- (A) Equator
 - (B) Tropic of Capricorn
 - (C) Arctic Circle
 - (D) Tropic of Cancer
81. Where is Lake Superior, the largest freshwater lake in the world located?
- (A) USA and Canada
 - (B) Brazil and Argentina
 - (C) India and China
 - (D) Russia and Mongolia
82. Which one of the following is called 'Ring of Fire'?
- (A) Indian Ocean Belt
 - (B) Atlantic Ocean Belt
 - (C) Mid-Continental Belt
 - (D) Circum-Pacific Belt
83. Which one of the following is the largest lake in the world?
- (A) Lake Baikal
 - (B) Caspian Sea
 - (C) Lake Victoria
 - (D) Lake Superior

84. Which of the following is the chief characteristic of 'mix farming'?
- (A) Rearing of animals and cultivation of crops together
 - (B) Cultivation of both cash crops and food crops
 - (C) Cultivation of two or more crops in the same field
 - (D) None of the above
85. Among the following planets, which is the brightest planet as seen on Earth's sky?
- (A) Mercury
 - (B) Venus
 - (C) Mars
 - (D) Jupiter
86. Who discovered the laws of planetary motion?
- (A) Galileo Galilei
 - (B) Nicolaus Copernicus
 - (C) Johannes Kepler
 - (D) None of them
87. Which of the following gases is most predominant in the Sun?
- (A) Methane
 - (B) Nitrogen
 - (C) Hydrogen
 - (D) Ozone
88. The heavenly bodies, comets revolve around
- (A) Sun
 - (B) Earth
 - (C) Venus
 - (D) Jupiter

89. Which State is the largest producer of jute in India?

- (A) Bihar
- (B) Assam
- (C) West Bengal
- (D) Andhra Pradesh

90. Which State is the largest producer of gold in India?

- (A) Andhra Pradesh
- (B) Karnataka
- (C) Jharkhand
- (D) Kerala

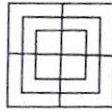
91. Which State is the largest producer of mango in India?

- (A) Andhra Pradesh
- (B) Uttar Pradesh
- (C) Bihar
- (D) West Bengal

92. Five friends are standing in a row facing South. Jayesh is to the immediate right to Alok, Pramod is between Bhagat and Subodh. Subodh is between Jayesh and Pramod. Who is in the middle?

- (A) Bhagat
- (B) Subodh
- (C) Jayesh
- (D) Pramod

93. Count the number of squares in the figure given below :



- (A) 15
- (B) 14
- (C) 13
- (D) 12

94. A shepherd had 27 sheep. All but 10 died. How many he left with?

- (A) 10
- (B) 15
- (C) 17
- (D) 27

95. How much is 586645×9999 ?

- (A) 5865863355
- (B) 5665863355
- (C) 4865863355
- (D) 4665863355

96. Arrange the following words as per order in the dictionary :

1 zero, 2 zebra, 3 zoo, 4 zinc, 5 zest

- (A) 1, 2, 3, 4, 5
- (B) 2, 1, 5, 4, 3
- (C) 3, 4, 2, 5, 1
- (D) 2, 1, 4, 5, 3

97. The area of a square formed by a rope is 22 sq cm. If a circle is formed by the same rope, then what will be its area?
- (A) 22 sq cm
(B) 44 sq cm
(C) 25 sq cm
(D) 28 sq cm
98. Janet walks every morning at an average speed of 4 km/hr. To cover a single round of their campus road of 2000 meters, how much time will she normally require?
- (A) 1 hour
(B) $\frac{1}{2}$ hour
(C) 20 minutes
(D) 2 hours
99. Which of the following words cannot be formed by using letters from the dictionary word given below?
- INDETERMINATE
- (A) Determine
(B) Terminate
(C) Remind
(D) Terminus
100. If 200% of a number is 400, what will be 0.5% of that number?
- (A) 100
(B) 50
(C) 0.5
(D) 1
