

Time: 2 hours

Total Marks: 100

All questions are compulsory. Each question carries one mark. Please mark the most appropriate answer in OMR Sheet by darkening the appropriate circle in blue/ black ball point pen only. Do not use eraser/ whitener. There is no negative marking.

1. The flight had taken off before I \_\_\_\_\_ the airport
  - a. reach
  - b. reached
  - c. was reaching
  - d. reaches
2. In an equilateral triangle:
  - a. all sides are equal
  - b. all angles are equal
  - c. both a & b are correct
  - d. both a & b are incorrect
3. Which one of the following gases is given out during photosynthesis?
  - a. Carbon dioxide
  - b. Nitrogen
  - c. Hydrogen
  - d. Oxygen
4. A man is walking at a speed of 9 kms/hr. After every km, he takes rest for 9 mins. How much time will he take to cover 27 kms?
  - a. 6 hrs
  - b. 6 hrs 45 mins
  - c. 6 hrs 54 mins
  - d. 6 hrs 35 mins
5. If in a class of 37 students standing in a straight line, the place of Radha and Sita are 10<sup>th</sup> and 16<sup>th</sup> respectively, what are their places from the last?
  - a. 28<sup>th</sup> and 22<sup>nd</sup>
  - b. 27<sup>th</sup> and 21<sup>st</sup>
  - c. 28<sup>th</sup> and 20<sup>th</sup>
  - d. 27<sup>th</sup> and 22<sup>nd</sup>
6. Who was the chief guest for the Republic Day Celebrations in New Delhi on 26<sup>th</sup> January 2016?
  - a. Mr. Francois Hollande
  - b. Mr. Barack Obama
  - c. Mr. Shinzo Abe
  - d. Ms Angela Merkel

7. Telengana was carved out of which state?
  - a. Andhra Pradesh
  - b. Bihar
  - c. Karnataka
  - d. Tamil Nadu
8. A box contains 7 red balls, 8 green balls and 5 blue balls. When one ball is randomly drawn from the box, probability of its being a blue ball will be:
  - a.  $\frac{1}{2}$
  - b.  $\frac{1}{3}$
  - c.  $\frac{1}{4}$
  - d.  $\frac{1}{5}$
9. The United Nations Security Council has \_\_\_\_\_ Permanent members
  - a. 3
  - b. 5
  - c. 7
  - d. 15
10. Which of the following state in India does not have a sea coast?
  - a. Maharashtra
  - b. Gujarat
  - c. Karnataka
  - d. Jharkhand
11. Dronacharya Award is given to:
  - a. Scientists
  - b. Movie Actors and actresses
  - c. Sports Coaches
  - d. Sportspersons
12. Which of the following is the largest planet of the solar system?
  - a. Saturn
  - b. Uranus
  - c. Neptune
  - d. Jupiter
13. Professor Amartya Sen is famous in which of the fields:
  - a. Biochemistry
  - b. Electronics
  - c. Economics
  - d. Geology
14. The first Home Minister of Independent India was
  - a. Jagjivan Ram
  - b. Sardar Vallabhbhai Patel
  - c. Maulana Abdul Kalam Azad
  - d. Pandit Govind Ballabh Pant

15. Dandi March is associated with:
- Home Rule Movement
  - Non cooperation Movement
  - Civil Disobedience Movement
  - Quit India Movement
16. The number of Lok Sabha seats from Jammu & Kashmir State is:
- 4
  - 5
  - 6
  - 7
17. Ms. J. Jayalalitha is Chief Minister of which State?
- Kerala
  - Karnataka
  - Tamil Nadu
  - Andhra Pradesh
18. Which of the following word does not figure in the Preamble of the Indian Constitution:
- Sovereign
  - Democratic
  - Socialist
  - Welfare
19. On a vertical pole, a monkey climbs 30 feet in one hour and then rests for a while during which he slips down 20 feet. He again starts climbing and slips back in the same manner. If he begins his ascent at 8 am, at what time will he first touch a flag on the pole at 120 feet from the ground?
- 4 pm
  - 5 pm
  - 6 pm
  - 7 pm
20. Unit of inheritance is called
- Nucleus
  - Gene
  - Cell
  - Tissue
21. The host city for the 31<sup>st</sup> Summer Olympic Games scheduled from August 05-21, 2016 is:
- Rio-de-Janerio
  - Chicago
  - Moscow
  - Manila

22. I prefer tea \_\_\_\_ coffee
- to
  - on
  - than
  - over
23. Introducing a man, Shefali said, "He is the only son of the mother of my mother." How is Shefali related to the man?
- Mother
  - Sister
  - Niece
  - Maternal Aunt
24. 1<sup>st</sup> May is observed as :
- UN Day
  - World AIDS Day
  - World Literacy Day
  - International Labour Day
25. Pashmina wool is obtained from:
- Sheep
  - Yak
  - Goat
  - Camel
26. A bus for Delhi leaves every thirty minutes from a bus stand. An enquiry clerk told a passenger that the bus had already left ten minutes ago and the next bus will leave at 9:35 am. At what time did the enquiry clerk give this information to the passenger?
- 9:15 am
  - 9:08 am
  - 8:55 am
  - 9:10 am
27. What is the missing term in the following series: 11, 12, 17, 18, 23, 24, \_\_\_\_
- 27
  - 29
  - 30
  - 35
28. Choose the correct alternative  
Car: Garage as Aeroplane:
- Port
  - Depot
  - Hangar
  - Harbour

29. Malik is fourteen from right end in a row of 40 boys. What is his position from the left end?
- 27<sup>th</sup>
  - 26<sup>th</sup>
  - 25<sup>th</sup>
  - 24<sup>th</sup>
30. What is the product of all the numbers in the dial of a telephone?
- 362880
  - 388620
  - 366820
  - 0
31. Choose the correctly spelt word:
- Exemple
  - Example
  - Exampel
  - Exampal
32. In a right angle triangle, one angle is  $15^\circ$ , the other angle can be
- $15^\circ$
  - $75^\circ$
  - $115^\circ$
  - $65^\circ$
33. Find the right alternative in the given series: BEG, DGI, FIK, HKM, \_\_\_\_
- JMO
  - KMO
  - JML
  - JNP
34. The personality not connected with 1857 mutiny is:
- Tantia Tope
  - Lakshmibai
  - Subhas Chandra Bose
  - Mangal Pandey
35. Who is associated with “White Revolution”
- M.S. Swaminathan
  - J.P. Narayan
  - V. Kurien
  - Baba Amte
36. Vitamin D deficient patient is recommended
- Sun bath
  - Sauna bath
  - Cold and Hot water bath
  - Massage

37. Capital of Malaysia is :
- Bangkok
  - Kuala Lumpur
  - Abu Dhabi
  - Doha
38. Who gave the slogan-  
“Swaraj is my birthright and I shall have it”
- Bhagat Singh
  - Sukhdev
  - Bal Gangadhar Tilak
  - Raj Guru
39. Who composed the famous song “Sare Jahan se Achha”
- Jaidev
  - Mohammad Iqbal
  - Bankim Chandra Chatterjee
  - Rabindranath Tagore
40. Bhajan Sopori is associated with:
- Flute
  - Shehnai
  - Santoor
  - Tabla
41. Find the missing term: ZA, YB, XC,\_\_\_\_, VE, UF
- WD
  - DW
  - UW
  - WU
42. The most appropriate collective noun is : A \_\_\_\_\_ of cattle
- Herd
  - Pack
  - Swarm
  - Flock
43. In which year was the Quit India Movement launched?
- 1939
  - 1940
  - 1942
  - 1946
44. Lok Sabha is also called:
- Council of States
  - Upper House
  - Lower House
  - None of the above
45. Value of  $\tan 45^\circ$  is
- 0
  - infinity
  - 1
  - $\sqrt{3}/2$

46. A dice is thrown once.  
Probability of getting an even number is:
- $1/2$
  - $1/3$
  - $1/4$
  - $1/6$
47. A circle is drawn inside a square having side as 'a' touching all the four sides of the square. Area of that circle will be
- $\pi a^2$
  - $\pi a^2/2$
  - $\pi a^2/4$
  - $4 \pi a^2$
48. Chemical formula for water is:
- HO
  - H<sub>2</sub>O
  - H<sub>3</sub>O
  - H<sub>2</sub>O<sub>2</sub>
49. Find what will be the simple interest on the Principal Amount of Rs. 1000/- for 10 months at interest rate of 6% per annum
- Rs. 60/-
  - Rs. 30/-
  - Rs. 50/-
  - Rs. 10/-
50. Who was the first woman President of Indian National Congress?
- Sarojini Naidu
  - Annie Besant
  - Sucheta Kriplani
  - Aruna Asaf Ali
51. The largest fresh water lake in J&K is
- Wullar
  - Dal
  - Manasbal
  - Anchar
52. Rajatarangini, the famous chronology of Kashmir Kings was written by:
- Parmanand
  - Kalhana
  - Zinda Kaul
  - Ghulam Ahmad Mahjoor

53. FDI refers to:
- Fixed Deposit Interest
  - Fixed Deposit Investment
  - Future Derivative Investment
  - Foreign Direct Investment
54. The boss said, "I shall look \_\_\_\_\_ the matter"
- at
  - about
  - in
  - into
55. Who is known as the Supreme Commander of the Indian Armed Forces?
- President of India
  - Prime Minister of India
  - Defence Minister of India
  - Chief of the Army Staff of Indian Army
56. The force involved in falling of an apple from a tree is:
- Magnetic Force
  - Gravitational Force
  - Contact Force
  - Electrostatic Force
57. Which one of the following is a natural fibre
- Jute
  - Nylon
  - Acrylic
  - Polyester
58. Which of the following won the "Orange Cap" for most runs in IPL 8?
- AB de Villers
  - David Warner
  - Virat Kohli
  - Chris Gayle
59. If + means  $\div$ ,  $\div$  means -, - means  $\times$ ,  $\times$  means +, then  $12+6\div 3-2\times 8=$
- 2
  - 2
  - 8
  - 4
60. How many Revenue districts are there in the State of J&K?
- 14
  - 22
  - 24
  - 30



61. A train of 500 meters of length is moving at a speed of 90 kms/ hr. How much time will it take to cross an electric pole located by the side of the railway track.
- 10 seconds
  - 20 seconds
  - 30 seconds
  - 40 seconds
62. Which game is Saina Nehwal associated with:
- Tennis
  - Golf
  - Boxing
  - Badminton
63. Choose the word **nearest** in meaning to the italicized part: Grandmother has been getting *feeble* of late
- tall
  - weak
  - strong
  - small
64. Which of the following latitudes passes through India:
- Equator
  - Tropic of Cancer
  - Tropic of Capricorn
  - Arctic Circle
65. What type of mirror is used by motorists to see road behind them?
- Convex
  - Concave
  - Plain
  - Concavo-Convex
66. If  $x^2+x-12=0$ , values of  $x$  will be:
- 3, 4
  - 3, -4
  - 3, -4
  - 3, 4
67. Find the missing number: 25, 49, 81, \_\_\_\_, 169, 225
- 100
  - 121
  - 144
  - None of the above
68. Which of the following is a rational number:
- $\sqrt{2}$
  - $\sqrt{3}$
  - $\sqrt{4}$
  - $\sqrt{5}$

69. The tenure of a member of Rajya Sabha is:
- 3 years
  - 4 years
  - 5 years
  - 6 years
70. “Azad Hind Fauj” is associated with which of the following?
- Jawaharlal Nehru
  - Chandrasekhar Azad
  - Bhagat Singh
  - Subhash Chandra Bose
71. Which is the capital of Arunachal Pradesh?
- Dispur
  - Gangtok
  - Itanagar
  - Agartala
72. Who is the Chief Justice of the Supreme Court of India?
- Justice Tirath Singh Thakur
  - Justice H.L. Dattu
  - Justice Dipak Misra
  - Justice Faqir Mohamed Ibrahim Kalifulla
73. In which country is the famous Wimbledon Tennis Championship played:
- England
  - France
  - Germany
  - USA
74. Who amongst the following was called as “Frontier Gandhi”?
- Lala Lajpat Rai
  - Mohd Ali Jinnah
  - Khudiram Bose
  - Khan Abdul Gaffar Khan
75. Lack of \_\_\_\_\_ causes Diabetes
- Sugar
  - Insulin
  - Calcium
  - Vitamins
76. Choose the word which is **opposite** in meaning to the italicized word: His book has a short but useful *introduction*
- conclusion
  - end
  - termination
  - deduction

77. Ankit started walking towards North. After walking 30 meters, he turned towards left and walked 40 meters. He then turned left and walked 30 meters. He again turned left and walked 50 meters. How far is he from his original position?
- 50 meters
  - 40 meters
  - 30 meters
  - 10 meters
78. Which of the following is correct:
- $(a-b)(a+b) = a^2 - b^2$
  - $(a+b)^2 = a^2 + b^2 - 2ab$
  - $(a+b)^3 = a^3 + b^3$
  - $(a-b)^2 = a^2 + b^2 + 2ab$
79. If you write down all the numbers from 1 to 100, then how many times do you write 3?
- 11
  - 18
  - 20
  - 21
80. What is the currency of Bangladesh called?
- Dinar
  - Rial
  - Taka
  - Rupees
81. Which of the following is widely used as an anaesthetic?
- Chloroform
  - Methane
  - Ammonia
  - Chlorine
82. Silk is obtained from cocoons and requires \_\_\_\_\_ trees.
- Mulberry
  - Apple
  - Eucalyptus
  - Oak
83. India shares longest international boundary with which of the following country?
- Bangladesh
  - China
  - Nepal
  - Bhutan

84. Which British officer was responsible for the Jallianwala bagh massacre?
- Maj Sleeman
  - General Dyer
  - Sir Arthur Wellesly
  - Col Manson
85. Loudness of sound is measured in
- decibel (dB)
  - hertz (Hz)
  - metre (m)
  - metre/second (m/s)
86. Choose the word with the correct spelling
- Vahicle
  - Vehicle
  - Vahical
  - Veichel
87. Constant efforts to achieve something
- Perseverance
  - Attempt
  - Enthusiasm
  - Vigour
88. Who is the Governor of Reserve Bank of India?
- Raghuram Rajan
  - S.S. Mundra
  - Arun Jaitley
  - R. P. Watal
89. Which is the most appropriate article to complete the sentence: I want to become \_\_\_\_\_ MLA
- the
  - an
  - a
  - No article
90. And why did the police suspect you? It does not make any \_\_\_\_\_ to me
- truth
  - reason
  - point
  - sense
91. River Nile flows in which country?
- Peru
  - Egypt
  - Canada
  - Vietnam

92. Earthquakes are caused by:
- Denudation
  - Earth's Rotation
  - Movement of Tectonic Plates
  - Earth's Revolution
93. India is a "Secular" state. It means that the Indian State
- favours only selected religions
  - favours the religion of the majority community
  - favours the religion of the minority community
  - favours no particular religion
94. The chemical name of table salt is :
- Potassium Chloride
  - Calcium Chloride
  - Sodium Chloride
  - Magnesium Sulphate
95. If in a certain code CAT is written as DBU then DOG will be written as:
- EOH
  - DHP
  - EPH
  - HPE
96. Which of the following gases is primarily responsible for global warming:
- Nitrogen
  - Noble gases
  - Sulphates
  - Carbon dioxide
97. Volume of a cylinder of base with radius 'r' and height 'h' is
- $\frac{1}{3}\pi r^2 h$
  - $\frac{2}{3}\pi r^2 h$
  - $\frac{4}{3}\pi r^2 h$
  - $\pi r^2 h$
98. The minimum voting age in India is:
- 16 years
  - 18 years
  - 21 years
  - 24 years
99. Today is Friday. The day after 63 days will be :
- Friday
  - Thursday
  - Saturday
  - Monday

100. A student got twice as many sums wrong as he got right. If he attempted 48 sums in all, how many did he solve correctly?

- a. 32
- b. 16
- c. 18
- d. 24

Space for Rough Work

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