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# **GJS DJ (Prelims)**

**Previous Year Paper  
Paper-II 11 Jun, 2023**





### Preliminary Examination

**TIME: 12.00 PM - 02.00 PM**  
**DJ-2023 II TOTAL MARKS = 100 DATE: 11-06-2023**

Q 1. The Head Quarters of the Asian Development Bank is in \_\_\_\_?  
(A) Manila  
(B) Jakarta  
(C) Bombay  
(D) Tokyo

Q 2. The solar eclipse occurs when \_\_\_\_?  
(A) An asteroid comes between the sun and the moon  
(B) The moon moves too far away from the sun  
(C) The sun comes between the moon and the earth  
(D) The moon comes between the sun and the earth

Q 3. 35 women can do a piece of work in 15 days. How many women would be required to do the same work in 25 days?  
(A) 21  
(B) 23  
(C) 25  
(D) 27

Q 4. Krushika earns Rs. 20 on the first day and spends Rs. 15 on the next day. She again earns Rs. 20 on the third day and spends Rs. 15 on the fourth day. If she continues to save like this, how soon will she have Rs. 60 in hand?  
(A) on 17th day  
(B) on 27th day  
(C) on 30th day  
(D) on 40th day

Q 5. The boundary line between India and China is called \_\_\_\_?  
(A) Durand Line  
(B) McMohan Line  
(C) Redcliffe Line  
(D) Red Line

Q 6. Who was the pioneer of Chipko Movement?  
(A) Sambaji  
(B) Sunderlal Bahuguna  
(C) Baba Amte  
(D) Medha Patkar

Q 7. Who currently holds the post of Prime Minister in Japan?

- (A) Fumio Kishida
- (B) Shinzo Abe
- (C) Yoshihide Suga
- (D) Yoshihiko Noda

Q 8. There are 600 boys in a hostel. Each plays either hockey or football or both. If 75% play hockey and 45% play football, how many play both?

- (A) 48
- (B) 60
- (C) 80
- (D) 120

Q 9. The third battle of Panipat was fought between \_\_\_\_?

- (A) Hemu and Akbar
- (B) Rana Pratap and Akbar
- (C) Marathas and Ahmad Shah
- (D) Nadir Shah and Mughals

Q 10. Rafael Nadal has won how many Australian Open Singles Titles?

- (A) 3
- (B) 2
- (C) 4
- (D) 0

Q 11. Which river passes through the maximum number of countries?

- (A) Rhine
- (B) Danube
- (C) Amazon
- (D) Brahmaputra

Q 12. 'Beaufort Scale' was earlier widely used to measure \_\_\_\_?

- (A) Atmospheric pressure
- (B) Altitudes of mountains
- (C) Wind force
- (D) Intensity of earthquakes

Q 13. Water attains maximum density at \_\_\_\_

- (A) 0 degree Celsius
- (B) 4 degree Celsius
- (C) 4 degree Fehrenheit
- (D) 2 degree Fehrenheit

Q 14. How many test wickets Kapildev took in his career?  
(A) 437  
(B) 440  
(C) 463  
(D) 434

Q 15. 180 oranges are distributed among 70 boys and girls such that each boy gets 2 and each girl gets 3 oranges. The number of boys are\_\_  
(A) 25  
(B) 30  
(C) 40  
(D) 70

Q 16. Who was known as 'Deshbandhu'?  
(A) Aurobindo Ghosh  
(B) Chittaranjan Das  
(C) Dadabhai Naoroji  
(D) Jyotiba Phule

Q 17. Who held the office of the Vice-President of India for two consecutive terms?  
(A) Dr. S. Radhakrishnan  
(B) Mr. R. Venkataraman  
(C) Dr. Shankar Dayal Sharma  
(D) Mr. V V. Giri

Q 18. Which among the following is the confluence of Alaknanda and Mandakini?  
(A) Vishnuprayag  
(B) Nandprayag  
(C) Rudraprayag  
(D) Devprayag

Q 19. What is 'Redcliffe Line'?  
(A) Indo-Pakistan boundary line  
(B) Indo-China boundary line  
(C) America - Canada boundary line  
(D) Russia - Finland boundary line

Q 20. How many times do the hands of a clock coincide in a day?  
(A) 20  
(B) 21  
(C) 22  
(D) 24

Q 21. Dollu Kunitha is famous traditional dance form of which State of India?  
(A) Karnataka  
(B) Telangana  
(C) Orissa  
(D) Assam

Q 22.  $12345679 \times 72$  is equal to \_\_?  
(A) 88888888  
(B) 888888888  
(C) 898989898  
(D) 999999998

Q 23. Which out of the following is the most similar word to 'Benign'?  
(A) Safe  
(B) Objectionable  
(C) Offensive  
(D) Harmful

Q 24. The most abundant metal in the earth's crust is \_\_  
(A) calcium  
(B) aluminium  
(C) iron  
(D) magnesium

Q 25. Village X has a population of 68000, which is decreasing at the rate of 1200 per year. Village Y has a population of 42000, which is increasing at the rate of 800 per year. In how many years will the population of the two villages be equal?  
(A) 12  
(B) 14  
(C) 15  
(D) 13

Q 26. Which mineral is popularly known as 'buried sunshine'?  
(A) Iron  
(B) Bauxite  
(C) Mica  
(D) Coal

Q 27. International Day of Yoga is celebrated on \_\_  
(A) 20th June  
(B) 22nd June  
(C) 21st June  
(D) 24th June

Q 28. Which player won the Purple Cap in the mens I.P.L. 2023?  
(A) Rashid Khan  
(B) Shubman Gill  
(C) Mohammad Shami  
(D) Hardik Pandya

Q 29. Which of the following has the highest wind velocity?  
(A) Loo  
(B) Tornado  
(C) Typhoon  
(D) Hurricane

Q 30. A train leaves Delhi at 4.10 p.m. and reaches Dehradoon at 7.25 p.m. The average speed of the train is 40 km/hr. What is the distance from Delhi to Dehradoon?  
(A) 120 km  
(B) 130 km  
(C) 135 km  
(D) 140 km

Q 31. Which Indian bowler has the most One Day International Wickets to his credit?  
(A) Javagal Srinath  
(B) Zaheer Khan  
(C) Anil Kumble  
(D) Harbhajan Singh

Q 32. 30% apples out of 450 are rotten. How many apples are in good condition?  
(A) 125  
(B) 180  
(C) 240  
(D) 315

Q 33. National Sports Day is celebrated in India on August 29 to commemorate the birth anniversary of \_\_\_\_  
(A) Sachin Tendulkar  
(B) Dhronacharya  
(C) Balbir Singh Senior  
(D) Major Dhyan Chand

Q 34. What is the full form of ISDN?  
(A) International Service Digital Network  
(B) Indian Service Digital Network  
(C) Integrated Service Digital Network  
(D) Internal Service Digital Network

Q 35. The Sheesh Mahal Tournament is associated with which sport \_\_\_?  
(A) Cricket  
(B) Football  
(C) Hockey  
(D) Golf

Q 36. Original name of Swami Dayanand Saraswati was \_\_\_?  
(A) Mool Shankar Tiwari  
(B) Abhi Shankar  
(C) Gauri Shankar  
(D) Maheshwar Tiwari

Q 37. Comptroller and Auditor General of India is appointed by \_\_\_?  
(A) Speaker of the Lok Sabha  
(B) Chairman of the Planning Commission  
(C) Finance Minister  
(D) President

Q 38. Who is called the 'Father of Indian Archaeology'?  
(A) Alexander Cunningham  
(B) James Pricep  
(C) John Marshall  
(D) Mortimer Wheeler

Q 39. Who is the current Director General of World Health Organization?  
(A) Dr. Margaret Chan  
(B) Dr. Tedros Ghebreyesus  
(C) Dr. Lee Jong wook  
(D) Dr. Hiroshi Nakajima

Q 40. Who is the first Indian sportswoman to win an Olympic Medal?  
(A) Karnam Malleswari  
(B) P T. Usha  
(C) Saina Nehwal  
(D) P V. Sindhu

Q 41. Which is the National Acquatic Animal of India?  
(A) Ganges River Dolphin  
(B) Turtle  
(C) Crocodile  
(D) Alligator

Q 42. The term 'Doab' means \_\_\_\_?  
(A) A land between two mountains  
(B) Twin cities  
(C) A land between two rivers  
(D) Human habitat on island

Q 43. In a certain code, TEACHER is written as VGCEJGT. How is CHILDREN written in that code?  
(A) EJKNFTGP  
(B) EJKNEGTP  
(C) EGKNFITP  
(D) EJKNFGTO

Q 44. The sum of the ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?  
(A) 4 years  
(B) 6 years  
(C) 8 years  
(D) 10 years

Q 45. Michael Jordan had played for which team for majority of his career in NBA Championships?  
(A) Chicago Bulls  
(B) Washington Wizards  
(C) Lakers  
(D) Boston Celtics

Q 46. The cost of 4 bags and 3 boxes is Rs. 555/- and the cost of 3 bags and 4 boxes is Rs. 460/- What is the cost of one bag?  
(A) 100  
(B) 140  
(C) 120  
(D) 160

Q 47. Who happens to be the first Chief Minister of Gujarat?  
(A) Balwantrai Mehta  
(B) Dr. Jivraj Mehta  
(C) Hitendrabhai Desai  
(D) Ghanshyambhai Oza

Q 48. The study of animal habits and behaviour is known as \_\_\_\_  
(A) Tectology  
(B) Ethology  
(C) Karyology  
(D) Odontology

Q 49. The stock market index of London Stock Market is referred as \_\_\_\_?  
(A) Sensex  
(B) NIFTY  
(C) FTSE  
(D) Bullish

Q 50. As per data or space sizes, which out of the following series is arranged from largest to smallest?  
(A) KB, MB, TB, GB  
(B) TB, GB, KB, MB  
(C) GB, TB, MB, KB  
(D) TB, GB, MB, KB

Q 51. PARAM was developed by \_\_\_\_  
(A) C-DAC  
(B) IIT - Kanpur  
(C) IIT Delhi  
(D) BARC

Q 52. A gold bracelet is sold for Rs. 14500/- at a loss of 20%. What is the cost price of the gold bracelet?  
(A) Rs. 18,125/-  
(B) Rs. 19,000/-  
(C) Rs. 19,150/-  
(D) Rs. 19,275/-

Q 53. Which country lead the medal tally in Olympic Games Tokyo 2020?  
(A) China  
(B) Great Britain  
(C) U.S.A.  
(D) Japan

Q 54. When is International Earth Day celebrated?  
(A) 20th April  
(B) 5th June  
(C) 22nd April  
(D) 3rd March

Q 55. Our solar system is located in an outer spiral arm of which galaxy?  
(A) Andromeda  
(B) Triangulum  
(C) Milky Way  
(D) Bode's

Q 56. Which of the following planet is also known as 'Earth's twin'?  
(A) Mercury  
(B) Venus  
(C) Jupiter  
(D) Saturn

Q 57. Which is the longest national highway in India?  
(A) National Highway 27  
(B) National Highway 55  
(C) National Highway 44  
(D) National Highway 45

Q 58. Mahabalipuram was established by the \_\_?  
(A) Pallavas  
(B) Pandiyas  
(C) Cholas  
(D) Chalukyas

Q 59. Who is the present Union Minister of Civil Aviation, Government of India?  
(A) Shri Narendrasingh Tomar  
(B) Mr. Jyotiraditya Scindia  
(C) Mr. Piyush Goyal  
(D) Mr. Dharmendra Pradhan

Q 60. Who is known as the father of Zoology?  
(A) Aristotle  
(B) Darwin  
(C) Lamark  
(D) Edward Jenner

Q 61. Who was the first Governor General of Bengal?  
(A) Robert Clive  
(B) Warren Hastings  
(C) William Bentick  
(D) Cornwallis

Q 62. Shillong is the capital city of which State of India?  
(A) Tripura  
(B) Nagaland  
(C) Meghalaya  
(D) Assam

Q 63. Sundarbans of Eastern India is an example of \_\_\_\_\_  
(A) Mangrove ecosystem  
(B) Grassland ecosystem  
(C) Marine ecosystem  
(D) none of the above

Q 64. Which out of the following is the birth place of Guru Nanak?  
(A) Gurdaspur  
(B) Amritsar  
(C) Rai Bhoi ki Talwandi  
(D) Lahore

Q 65. Which poet wrote the song 'Jay Jay Garvi Gujarat'?  
(A) Kalapi  
(B) Kant  
(C) Umashankar Joshi  
(D) Narmad

Q 66. Mahatma Gandhi gave the title of 'Rashtriya Shayar' to which poet?  
(A) Jhaverchand Meghani  
(B) Rabindranath Tagore  
(C) Premanand  
(D) Sarojini Naidu

Q 67. Which player won the Golden Boot Award in the FIFA World Cup 2022?  
(A) Kylian Mbappe  
(B) Harry Kane  
(C) Christiano Ronaldo  
(D) Lionel Messi

Q 68. Who is the author of the epic poem 'Paradise Lost'?  
(A) William Shakespeare  
(B) William Wordsworth  
(C) John Milton  
(D) Samuel Johnson

Q 69. Who was the first recipient of the Dada Saheb Phalke Award?  
(A) Devika Rani  
(B) Prithviraj Kapoor  
(C) Pankaj Mullick  
(D) D N. Ganguly

Q 70. Ma Long is associated with which sport?  
(A) Badminton  
(B) Table Tennis  
(C) Boxing  
(D) Archery

Q 71. Who won the Formula One - 2023 Spanish Grand Prix race?  
(A) Max Verstappen  
(B) Lewis Hamilton  
(C) George Russell  
(D) Sergio Perez

Q 72. Insects can move on the surface of water without sinking due to \_\_  
(A) dynamic lift  
(B) viscosity of water  
(C) surface tension  
(D) none of the above

Q 73. The average salary of workers of a factory is Rs. 6000/-, while the average salary of 150 technicians is Rs. 12,000/- and that of non-technicians is Rs. 3750/- . The total number of workers in the factory are \_\_?  
(A) 520  
(B) 550  
(C) 570  
(D) 600

Q 74. A certain sum of money becomes three times of itself in 20 years at simple interest. In how many years does it become double of itself at the same rate of simple interest?  
(A) 8  
(B) 10  
(C) 12  
(D) 14

Q 75. Roger Federer has won how many French Open Titles in men's singles category?  
(A) 1  
(B) 6  
(C) 3  
(D) 2

Q 76. Which out of the following is the most opposite word to 'Eccentric'?

- (A) Ordinary
- (B) Rich
- (C) Poor
- (D) Coward

Q 77. Which country has won the Davis Cup maximum times?

- (A) France
- (B) Great Britain
- (C) Australia
- (D) U.S.A.

Q 78. The National Bank for Agriculture and Rural Development was established in the year:

- (A) 1970
- (B) 1982
- (C) 1975
- (D) 1976

Q 79. Asia and North America are separated by \_\_\_\_?

- (A) Bering Strait
- (B) Strait of Dover
- (C) Bass Strait
- (D) Cook Strait

Q 80. Which out of the following is the most opposite word to 'Conspicuous'?

- (A) Fantasy
- (B) Desire
- (C) Hidden
- (D) Significant

Q 81. The average age of a man and his son is 40 years. The ratio of their ages is 11:5 respectively. What is the son's age?

- (A) 30 years
- (B) 28 years
- (C) 35 years
- (D) 25 years

Q 82. Who was the first Viceroy of Portuguese India?

- (A) Diaz
- (B) Vasco da Gama
- (C) Francisco de Almeida
- (D) Albuquerque

Q 83. X is B's sister. C is B's mother. D is C's father. E is D's mother. Then, how is X related to D?

- (A) Grandmother
- (B) Grandfather
- (C) Daughter
- (D) Grand daughter

Q 84. Complete the series:- 9, 11, 15, 23, 39, ?

- (A) 71
- (B) 64
- (C) 42
- (D) 56

Q 85. Find out the wrong number in the sequence - 22, 33, 66, 99, 121, 279, 594, 605

- (A) 22
- (B) 279
- (C) 594
- (D) none of the above

Q 86. Who happens to be the first woman President of India?

- (A) Smt. Pratibha Devi Singh Patil
- (B) Droupadi Murmu
- (C) Indira Gandhi
- (D) Sarojini Naidu

Q 87. The first woman in India to be the Speaker of Lok Sabha is \_\_\_\_

- (A) Meira Kumar
- (B) Vijay Laxmi Pandit
- (C) Sushma Swaraj
- (D) Smriti Irani

Q 88. In humans, which blood group is commonly referred to as the 'Universal Recipient'?

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

Q 89. Which country has entered into finals of ICC World Test Championship for two times?

- (A) Australia
- (B) India
- (C) New Zealand
- (D) South Africa

Q 90. Sahara Desert is located in which Continent?  
(A) Africa  
(B) South America  
(C) North America  
(D) Asia

Q 91. 1, 4, 27, 16, ?, 36, 343 \_\_\_\_  
(A) 25  
(B) 87  
(C) 125  
(D) 120

Q 92. The words 'Satyameva Jayate' inscribed in the State Emblem of India are taken from which of the following Upanishad?  
(A) Kena  
(B) Mandukya  
(C) Mundaka  
(D) Chandogya

Q 93. The number of students who opted for I.T. courses decreased by 23%. If the number is 1540 now, then the original number of students opting for I.T. courses was \_\_\_\_  
(A) 1600  
(B) 1800  
(C) 2000  
(D) 2200

Q 94. The Planning Commission of India was constituted in the year:  
(A) 1942  
(B) 1947  
(C) 1950  
(D) 1955

Q 95. Which male holds the world record for the most ascents of Mount Everest?  
(A) Lhakpa Sherpa  
(B) Kami Rita Sherpa  
(C) Santosh Yadav  
(D) Purnesh Shrestha

Q 96. Which out of the following is the most similar word to 'Atone'?  
(A) Apologize  
(B) Muscular  
(C) Brutal  
(D) War

Q 97. Newton's first law is also called as \_\_\_\_\_  
(A) law of moments  
(B) law of inertia  
(C) law of momentum  
(D) law of energy

Q 98. What was the day of the week on 15th August, 1947?  
(A) Thursday  
(B) Monday  
(C) Saturday  
(D) Friday

Q 99. Three girls start jogging from the same point around a circular track and each one completes one round in 24 seconds, 36 seconds and 48 seconds respectively. After how much time will they meet at one point?  
(A) 2 minutes 20 seconds  
(B) 2 minutes 24 seconds  
(C) 3 minutes 36 seconds  
(D) 4 minutes 12 seconds

Q 100. A cyclist covers a distance of 750 meters in 2 minutes 30 seconds. What is the speed in km/hr of the cyclist?  
(A) 17  
(B) 19  
(C) 18  
(D) 20

