

1. Which country's Badminton player was defeated by P.V. Sindhu in the semit-finals at the Rio 2016 Olympic games?
(A) Spain (B) America
(C) Africa **(D) Japan**
2. In July 2016, Theresa May was appointed as the _____ Woman Prime Minister of UK (Britain).
(A) First **(B) Second**
(C) Tenth (D) Sixth
3. Match the following:
(a) Kandla 1. Maharashtra
(b) Jawaharlal Nehru 2. Gujarat
(c) Paradip 3. West Bengal
(d) Haldia 4. Orissa
- | | | | |
|--------------|----------|----------|----------|
| (a) | (b) | (c) | (d) |
| (A) 3 | 2 | 4 | 1 |
| (B) 4 | 1 | 3 | 2 |
| (C) 2 | 3 | 1 | 4 |
| (D) 2 | 1 | 4 | 3 |
4. The value of $\frac{1.75 \times 1.75 + 2 \times 1.75 \times 0.75 + 0.75 \times 0.75}{1.75 \times 1.75 - 0.75 \times 0.75}$
(A) 3.5 (B) 6.25
(C) 1 **(D) 2.5**
5. The value of $16^3 + 7^3 - 23^3$ is
(A) -7728 (B) 7028
(C) 7728 (D) -7718
6. Name the Battery that shuts down on over heating and restarts when the temperature becomes cool
(A) Sodium ion
(B) Lithium ion
(C) Carbon ion
(D) Potassium ion
7. Name the person who was appointed as the ambassador on behalf of India to work for the cause of gender-equality and progress of women in UNO for the year 2016
(A) Aishwarya Rai
(B) Priyanka Chopra
(C) Aishwarya Dhanush
(D) Sania Mirza
8. Who built the Nalanda university?
(A) Kumara Gupta
(B) Shri Gupta
(C) Chandra Gupta
(D) Samudra Gupta
9. Ox-bow lakes are formed in the
(A) Valley region
(B) Mountain region
(C) Plain region
(D) Delta region
10. If the ratio of length and breadth of a rectangle is 4 : 7. Find the length while its breadth is 77 cm.
(A) 22 cm (B) 33 cm
(C) 44 cm (D) 55 cm
11. A room is 5 m 40 cm long and 4 m 50 cm broad. Its Area is
(A) 23.4 m² **(B) 24.3 m²**
(C) 25 m² (D) 98.01 m²
12. Which of the following was discovered by ONGC in the Indian Ocean on 26th July 2016?
(A) Hydrated Methane
(B) Hydrated Benzene
(C) Hydrated Ether
(D) Hydrated Octane

13. Which Bill was passed in the Parliament of India in 2016 to adopt Uniform Tax of States?
(A) Good and Sales Tax
(B) Good and Service Tax
(C) Direct Tax
(D) Indirect Tax
14. Match the following:
(a) Sathya Sodhak Samaj 1. Ramalinga Adigal
(b) Jeeva Karunyam 2. Jyotiba Phule
(c) Dharma Paribalanam 3. Swami vivekanandha
(d) Jeeva is Siva 4. Sri Narayana Guru
- | | | | |
|--------------|----------|----------|----------|
| (a) | (b) | (c) | (d) |
| (A) 2 | 1 | 4 | 3 |
| (B) 2 | 4 | 3 | 1 |
| (C) 4 | 1 | 2 | 3 |
| (D) 1 | 3 | 2 | 4 |
15. 3 – 25 here, which of the following number is suitable in -, so that the number will be a perfect square?
(A) 1 **(B) 0** (C) 4 (D) 6
16. The average mark of 10 children is 80 then their total mark is
(A) 200 (B) 300
(C) 800 (D) 400
17. A man and woman are engaged in a work. A man can do a piece of work in 4 days and the woman can do in 12 days. Find how many days will they take to finish it together?
(A) 6 days (B) 5 days
(C) 4 days **(D) 3 days**
18. Match List I and List II:
List I
(a) Glycolysis
(b) Krebs cycle
(c) Electron transport chain
(d) Fermentation
List II
1. O₂ is not utilised
2. ATP are produced
3. Oxidation of pyruvic acid
4. Occurs in Cytoplasm
- | | | | |
|--------------|----------|----------|----------|
| (a) | (b) | (c) | (d) |
| (A) 3 | 4 | 2 | 1 |
| (B) 4 | 3 | 2 | 1 |
| (C) 1 | 3 | 4 | 2 |
| (D) 2 | 4 | 1 | 3 |
19. in incorrectly matched?
(A) Assassination - January 30, 1948 of Gandhiji
(B) Republic Day - January 26, 1950
(C) Independence day - August 15, 1947
(D) Constituent Assembly Adopted National Anthem
20. Which of the following is correctly matched?
(A) The President - Guardian of our Constitution
(B) The Chief Minister - Appointed by the Governor
(C) Supreme Court - Unique Identification
(D) National Anthem - Bankim Chandra Chatterjee
21. Which plan was implemented after the Annual Plans of 1966 – 69?
(A) Second Five Year Plan
(B) Fifth Five Year Plan
(C) Third Five Year Plan
(D) Fourth Five Year Plan

22. “Bachpan Bachao Andolan” is an organisation that fights against
(A) Child labour
 (B) Bonded labour
 (C) Child marriage
 (D) Poverty
23. What is the chemical name of DDT?
(A) Dichloro diphenyl trichloro ethane
 (B) Dichloro diphenyl tribromo ethane
 (C) Diphenyl dichloro trichloro ethane
 (D) Diphenyl dibromo trichloro ethane
24. What are Microsporium, Epidermophyton?
(B) Disease causing fungi in man
 (A) Disease causing bacteria in man
 (C) Disease causing virus in man
 (D) Disease causing protozoans in man
25. A special root-like structure in cuscuta and viscum is called
(B) Haustoria
 (A) Rhizoids
 (C) Hyphae
 (D) Stolens
26. Which of the following is observed as “National Girl Child Day”?
(D) 24th January
 (A) 8th January
 (B) 21st January
 (C) 22nd January
27. Which State Governor was appointed as Tamilnadu Governor additional-charge in September, 2016?
(C) Maharashtra
 (A) Kerala
 (B) Karnataka
 (D) Madhya Pradesh
28. Which Musician was honoured in August 2016, by United Nations Organization for her contribution to music?
(A) M.S. Subbulakshmi
 (B) Asha Bhosle
 (C) Lata Mangeshkar
 (D) M.S. Rajalakshmi
29. Which year the Constitution of India (61st Amendment Act) lowered the voting age from 21 years to 18 years?
(A) 1988
 (B) 1987
 (C) 1986
 (D) 1985
30. Article 63 of the Indian Constitution refers to
(A) Vice-President
 (B) President
 (C) Prime Minister
 (D) Governor
31. Match the following:
- | | |
|--|---|
| (a) To eradicate the inequality in the society | 1. Beliefs passed through the generation |
| (b) Women depend on Male companions | 2. It proclaims the fame of Dr. Muthu Lakshmi |
| (c) To stop the customs of child marriage | 3. Social justice |
| (d) Cancer institute at Adyar | 4. Prohibition |
- (a) (b) (c) (d)
(A) 3 1 4 2
 (B) 2 3 1 4
 (C) 1 4 2 3
 (D) 4 2 3 1
32. The Pallava inscription at _____ refers to a great musician Rudracharya.
(A) Kudumiyan Malai
 (B) Mamandur
 (C) Uthiramerur
 (D) Mahendravadi

33. During the age of Kalabhras, a Jain monk who established Dravida Sangha at Madurai was
(A) Vajranandhi (B) Parsava Munivar
 (C) Mahavir (D) Maha Kasabar
34. Which year has a special significance in Indian Economy as far as Economic Reforms are concerned?
 (A) 1952 (B) 1981
(C) 1991 (D) 2001
35. Where is the diamond cutting industry located in India?
 (A) Lucknow **(B) Surat**
 (C) Ludiyana (D) Chandigar
36. $\left(-1\frac{2}{7}\right) + \left(-3\frac{5}{7}\right) + \left(6\frac{4}{7}\right)$ is _____
 (A) $\frac{3}{7}$ (B) $\frac{5}{7}$
(C) $\frac{11}{7}$ (D) $\frac{19}{7}$
37. The population of a city in the year 2014 is 1,80,000 and increases at a rate of 20% per year. Find the population of the city in the year 2016?
 (A) 2,40,000 **(B) 2,59,200**
 (C) 2,55,000 (D) 2,54,300
38. Which of the following set of measurements will form a right angle triangle?
 (A) 6, 9, 12 (B) 5, 8, 10
(C) 5, 5, $5\sqrt{2}$ (D) 3, 4, $4\sqrt{2}$
39. The value of $\sqrt{609 + \sqrt{248 + \sqrt{60 + \sqrt{7 + \sqrt{81}}}}}$
 (A) 20 **(B) 25** (C) 16 (D) 9
40. If you stand in a rectangular room, where two adjacent walls are covered with plane mirrors, the total number of your images will be
 (A) Infinity (B) 1
(C) 3 (D) 0
41. Audible range of rabbit is
 (A) 100 – 32,000 Hz
 (B) 1,000 – 1,50,000 Hz
(C) 1,000 – 1,00,000 Hz
 (D) 900 – 2,00,000 Hz
42. Consider the statements:
 (a) Sterility is caused by the deficiency of Vitamin K.
 (b) Night blindness is caused by the deficiency of Vitamin D.
(A) Both (a) and (b) are false
 (B) (a) is false and (b) is true
 (C) (a) is true and (b) is false
 (D) Both (a) and (b) are true
43. The valve which regulates the blood flow from right ventricle to the pulmonary artery
(A) Semi-lunar valve
 (B) Auriculo-ventricular valve
 (C) Bi Cuspid valve
 (D) Tri Cuspid valve
44. Who among the Indian-born American scientist bagged the prestigious award Lemelson-MIT prize worth 5,00,000 dollars?
 (A) Ajit Doval
 (B) Mohamed Nasheed
(C) Ramesh Raskar
 (D) Jagdish Tytler

45. Who won the GD Birla Award for Scientific Research for the year 2016?
 (A) Sanjeev Galande
 (B) Raghavan Varadarajan
 (C) Sriram Ramasamy
(D) Sanjay Mittal
46. Who won the Rajiv Gandhi Khel Rathna Award for Badminton in the year 2016?
 (A) Sakshi Malik
 (B) Mary Kom
 (C) Pradeep Kumar
(D) P.V. Sindhu
47. Which year has been declared by UNO as the “International Year of Pulses”?
 (A) 2012 (B) 2013
(C) 2016 (D) 2015
48. The election process at the state level is supervised by
 (A) Chief Election Commissioner
 (B) Supreme Court Judge
(C) Chief Electoral Officer
 (D) High Court Judge
49. Find out the correct statement. The Indian Constitution contains
(A) XXII parts, 449 Articles and 12 Schedules
 (B) XXI parts, 438 Articles and 8 Schedules
 (C) XXIII parts, 469 Articles and 21 Schedules
 (D) XX parts, 428 Articles and 18 Schedules
50. Consumer Courts are set up in _____ tier system.
 (A) Two **(B) Three**
 (C) Four (D) Five
51. The Tanjore king who helped Vijayanagar king in the battle of Thalaikottai was
 (A) Sevappa Nayak
(B) Achutappa Nayak
 (C) Ragunatha Nayak
 (D) King Sarfoji
52. National motto “Satyameva Jayate” henceforth appears as “Vaimaye Vellum” in Tamil was announced by
 (A) Arabind Ghosh (B) Periyar
 (C) Kamaraj **(D) Annadurai**
53. Where was Dr. B.R. Ambedkar born?
(A) Mhow (B) Makkavu
 (C) Sarayu (D) Lucknow
54. How many years V.O.C. was sentenced to imprisonment?
 (A) 30 (B) 35 **(C) 40** (D) 34
55. In India the organisation which was responsible for self-sufficiency in food production was
 (A) CSIR
(B) ICAR
 (C) ISRO
 (D) ICMR
56. As explained by Robert Malthus, Population increases in the
 (A) Proportionate ratio
(B) Geometric ratio
 (C) Arithmetic ratio
 (D) Smaller ratio
57. The base of a triangle is four times its height and its area is 50 m². The length of the base is
 (A) 10 m (B) 15 m
(C) 20 m (D) 25 m

58. A can do a piece of work in 20 days and B can do it in 25 days. Both of them finished the work and earned Rs. 3,600. Then A's share is
(A) Rs. 1,600 (B) **Rs. 2,000**
(C) Rs. 3,000 (D) Rs. 3,100
59. The breadth, height and volume of a cuboid are 10 cm, 11 cm and 3080 cm³ respectively. Find the length of the cuboid.
(A) 21 cm (B) **28 cm**
(C) 24 cm (D) 30 cm
60. Which medicine is known as "THE QUEEN OF DRUGS"?
(A) ATROPIN (B) POLYMIXIN
(C) STREPTOMYCIN (D) **PENICILLIN**
61. How many electrons are there in one coulomb charge?
(A) 1.6×10^{-19} electrons
(B) **6.25×10^{18} electrons**
(C) 6.25×10^{-18} electrons
(D) 1.6×10^{19} electrons
62. A bullet of mass 15 g is horizontally fired with velocity 100 ms⁻¹ from a pistol of mass 2 kg. Total momentum of the pistol and bullet before firing is equal to
(A) **Zero** (B) 201.5 kg ms⁻¹
(C) 215 kg ms⁻¹ (D) 200 kg ms⁻¹
63. Ovulation is stimulated by
(A) **LH** (B) LTH
(C) Renin (D) Adrenalin
64. Which gymnospermic plant cures rheumatism?
(A) Araucaria (B) Ephedra
(C) **Gentum** (D) Pinus
65. Identify the 2016 Dhronacharya Awardee
(A) **Bishweshwar Nandi**
(B) Lalitha Babar
(C) Rani Rampal
(D) P.V. Sindhu
66. The Asian Junior Chess Championships, May 2016 was held at
(A) Chennai (B) Mumbai
(C) Kolkatta (D) **New Delhi**
67. The Third Asian Ministerial Conference on Tiger Conservation 2016 was held
(A) From April 9th to 12th 2016 at Orissa
(B) From April 14th to 17th 2016 at Calcutta
(C) **From April 11th to 14th 2016 at New-Delhi**
(D) From April 6th to 9th 2016 at Mumbai
68. Indian Constitution Drafting Committee's Chairman
(A) Dr. Rajendra Prasad
(B) Jawaharlal Nehru
(C) **Dr. B.R. Ambedkar**
(D) Gandhi
69. Who is the chairperson of Niti Aayog?
(A) President
(B) **Prime Minister**
(C) Vice-President
(D) Supreme Court Judge
70. The writ of Habeas Corpus is
(A) **To safeguard people from illegal arrest**
(B) The Petitioner who requires legal help to get his work done by respective Public Authorities
(C) It probability a subordinate court from acting beyond its jurisdiction
(D) It prevents usurpation of a public office

71. Which is known as the “Murmering Auditorium”?
(A) Golkonda
(B) Golkumbas
(C) Gulberga
(D) Jumma Masjid
72. Which Mughal King killed the Sikh Grur Tegh Bahadur?
(A) Akbar **(B) Aurangzeb**
(C) Shahjahan (D) Jahangir
73. The leading producers of jute in the world is
(A) India and Bangladesh
(B) Srilanka and Pakistan
(C) China and Japan
(D) Singapore and Malaysia
74. Asteroids are found between
(A) Mars and Jupiter
(B) Earth and Mars
(C) Jupiter and Saturn
(D) Mercury and Venus
75. Net National Product is
(A) Gross Domestic Product - Depreciation
(B) Gross National Product - Depreciation
(C) Net National Product - Depreciation
(D) Net Domestic Product - Depreciation
76. When a person lives below the minimum subsistence level he is said to live in
(A) Absolute poverty
(B) Relative poverty
(C) Abstract poverty
(D) True poverty
77. The price of a house is decreased from rupees fifteen lakhs to rupees twelve lakhs. The percentage of decrease is
(A) 10% **(B) 20%**
(C) 30% (D) 40%
78. If $3(t - 3) = 5(2t + 1)$ then $t = ?$
(A) -2 (B) 2 (C) -3 (D) 3
79. Find the next term of 4 in the series is 1, 1, 2, 8, 3, 27, 4, ...
(A) 31 (B) 29 (C) 16 **(D) 64**
80. Three angles of a triangle are $x - 30^\circ$, $x - 45^\circ$, $x + 15^\circ$, find the value of x .
(A) 60° (B) 40° **(C) 80°** (D) 100°
81. The difference between simple interest and compound interest for a sum of Rs. 12,000 lent at 10% per annum in 2 years, is
(A) Rs. 80 (B) Rs. 90
(C) Rs. 120 (D) Rs. 100
82. Why vegetables and fruits turn brown on cutting?
(A) Due to the reaction between phenolic compound and oxygen in air
(B) Due to the formation of inorganic compound
(C) Due to the formation of salts
(D) Due to the formation of bases
83. Among the following which one is not a biofertilizer?
(A) Anabaena (B) Nostoc
(C) Lindane (D) Rhizobium
84. Who is the Chief Information Commissioner of India in September 2016?
(A) P.K. Sinha (B) R.K. Narayanan
(C) R.K. Mathoor (D) R.K. Koul
85. “Operation calm down” is associated with which state?
(A) Tamilnadu
(B) Andhra Pradesh
(C) Jammu Kashmir
(D) Bihar

86. What is the name of Ganga river cleaning scheme?
(A) Namami Ganga scheme
 (B) Poorva Ganga scheme
 (C) Apoorva Ganga scheme
 (D) Ganga Yamuna scheme
87. The INSAT-3DR was launched through rocket for Metereological Research on 8th September, 2016 by which rocket?
(A) GSLV-F05 (B) PSLV-4
 (C) Arianne (D) GSLV-3
88. Match the following:
- | Part-I | Part-II |
|------------------------|----------------------------------|
| (a) Raj Bhavan | 1. President |
| (b) Rastrapathy Bhavan | 2. Governor |
| (c) Impeachment | 3. Union Territories |
| (d) Lt. Governor | 4. Violation of the Constitution |
- (a) (b) (c) (d)
(D) 2 1 4 3
89. Which of these describes the conquest and victories of Samudra Gupta?
 (A) Uthiramerur inscription
(B) Allahabad Pillar inscription
 (C) Ihola inscription
 (D) Ashokas inscription
90. Who was the last Sultan of Delhi Sulthanate?
(A) Ibrahim Lodi
 (B) Sikkandar Lodi
 (C) Irbahim Ali
 (D) Dowlath Khan Lodi
91. The shortest National Highway is
 (A) NH 48 (B) NH 9
 (C) NH 45 A **(D) NH 47 A**
92. Match the following:
 (a) Grey revolution 1. Oil seeds
 (b) Golden revolution 2. Eggs and poultry
 (c) Yellow revolution 3. Marine products
 (d) Blue revolution 4. Horticulture
 (a) (b) (c) (d)
(A) 2 4 1 3
 (B) 4 2 3 1
 (C) 3 1 4 2
 (D) 2 1 4 3
93. Who remarked “The light has gone out of our lives and there is darkness everywhere”?
(A) Vallabai Patel
 (B) Dr. Rajendra Prasad
 (C) Mount Batten
 (D) Jawaharlal Nehru
94. Who chaired the first session of the Indian National Congress held at Bombay?
 (A) Madan Mohan Malavya
(B) W.C. Banerjee
 (C) Pheroza Shah Mehta
 (D) Surendranath Banerjee
95. “Bachpan Bachao Andolan” is an organisation that fights against
(A) Child labour
 (B) Bonded labour
 (C) Child marriage
 (D) Poverty
96. If $\left(\frac{7}{12}\right)^{-4} \times \left(\frac{7}{12}\right)^{3x} = \left(\frac{7}{12}\right)^5$; then the value of x is
 (A) -1 (B) 1 (C) 2 **(D) 3**
97. If 22 men can build a wall of 110 meters in 10 days. The length of a similar wall built by 30 men in 6 days is
 (A) 100 mts **(B) 90 mts**
 (C) 80 mts (D) 70 mts

98. A man bought an old bicycle for Rs. 1,500. He spends Rs. 500 on its repair and sells it for Rs. 1,800. Find the percentage of his loss.

- (A) 10% (B) 15%
(C) 20% (D) 5%

99. Find the LCM of a^3b^4 , ab^5 , a^2b^7

- (A) a^7b^3 (b) a^3b^7
(C) a^2b^5 (D) ab^5

100. Simplify

$$5\frac{1}{4} + 4\frac{3}{4} + 7\frac{5}{8} + 6\frac{7}{8} + 11\frac{3}{4}$$

- (A) $\frac{98}{47}$ (B) $\frac{108}{49}$
(C) $\frac{98}{45}$ (D) $\frac{96}{47}$

