

1. The color of the outer edge of the rainbow is  
 A) Purple ( ) B) Violet ( )  
 C) Red ( ) D) Yellow ( )
2. Which step is not involved in the carbon -cycle  
 A) Photosynthesis ( ) B) Transpiration ( )  
 C) Respiration ( ) D) Burning of fossil fuels ( )
3. Sound in TV is modulating  
 A) FM ( ) B) PM ( )  
 C) PCM ( ) D) AM ( )
4. Cell secretions are processed and packed up by  
 A) Mitochondria ( ) B) Golgi apparatus ( )  
 C) Ribosome ( ) D) Nucleus ( )
5. 1 KHZ signal is used to test which stage?  
 A) Mixer stage ( ) B) 1 F stage ( )  
 C) Detector stage ( ) D) Audio stage ( )
6. \_\_\_\_\_ is the study of kidneys.  
 A) Neurology ( ) B) Cardiology ( )  
 C) Nephrology ( ) D) Archaeology ( )
7. Who has been elected as the prime minister of Nepal?  
 A) Pushpa kamal dahal ( ) B) Sushil koirala ( )  
 C) Khadga Prasad oli ( ) D) Manisha Sharma ( )
8. Who will invited as chief guest on the republic day celebrations- **26 january 2017** .  
 A) Barack obama ( ) B) Sheikh md. Bin zayed al nahyan ( )  
 C) Sheikh Hasina ( ) D) Francois Hollande ( )
9. Which of the following has non terminating decimal expansion?  
 A)  $77/210$  ( ) B)  $23/8$  ( )  
 C)  $17/8$  ( ) D)  $35/50$  ( )
10. Transition ions absorb light in –  
 A) visible region ( ) B) infrared region ( )  
 C) ultraviolet region ( ) C) microwave region ( )
11. Total earth's surface is covered with water is  
 A) 75% ( ) B) 60% ( )  
 C) 85% ( ) D) 50% ( )
12. Biotic component of biosphere is not constituted by  
 A) producers ( ) B) decomposeres ( )  
 C) air ( ) D) consumers ( )
13. Who Is the founder of paytm  
 A) Vijay shekhar sharma ( ) B) Sachin bansal ( )  
 C) Binny bansal ( ) D) Rohit bansal ( )
14. In which year Albert Einstein born?  
 A) 1949 ( ) B) 1879 ( )  
 C) 1869 ( ) D) 1954 ( )
15. Author of "**YOU CAN WIN**" book  
 A) Chetan bhagat ( ) B) Shiv khera ( )  
 C) Robin sharma ( ) D) Anoop sony ( )

16. When was the first world cup of football held?  
 A ) 1930 ( ) B) 1945 ( )  
 C) 1990 ( ) C) 1935 ( )
17. When was metro service started in **MUMBAI**  
 A) 25 Dec, 2002 ( ) B) 21 September, 2012 ( )  
 C) 19 June, 2005 ( ) D) 08 June, 2014 ( )
18. Which Is the hardest element in periodic table  
 A) osmium ( ) B) iron ( )  
 C) platinum ( ) D) cobalt ( )
19. 11,24,50,102,206 .....  
 A) 208 ( ) B) 514 ( )  
 C) 308 ( ) D) 210 ( )
20. Which of the following is the weakest metal?  
 A) hydrogen ( ) B) sodium ( )  
 C) silver ( ) D) lead ( )
21. An alloy used in making pipe, machines, and automotive industries products  
 A) Solder ( ) B) Ni-chrome ( )  
 C) Cast iron ( ) D) All of these ( )
22. The fourth largest country in the world (in view of area)  
 A) canada ( ) B) Brazil ( )  
 C) china ( ) D) none of these ( )
23. When was The chipko movement was held?  
 A) 1975 ( ) B) 1987 ( )  
 C) 1973 ( ) D) 1985 ( )
24. Carbon diamond and graphite are together called?  
 A) Allotropes ( ) B) Isomorphs ( )  
 C) Isomers ( ) D) Isotopes ( )
25. In which of the following activities silicon carbon is used?  
 A) Making cement and glass ( ) B) Disinfecting water of ponds ( )  
 C) Cutting very hard substance ( ) D) Making caste for status ( )
26. The reciprocal of  $-\frac{3}{8}$  and  $-\frac{7}{13}$  is  
 A)  $\frac{21}{104}$  ( ) B)  $-\frac{21}{104}$  ( )  
 C)  $\frac{104}{21}$  ( ) D)  $-\frac{104}{21}$  ( )
27. A farmer has 192 animals out of which  $\frac{7}{16}$  are cattle . $\frac{2}{3}$  by cattle are dairy cows. How many dairy cows does he have ?  
 A) 128 ( ) B) 56 ( )  
 C) 84 ( ) D) 112 ( )
28. The main constituent of biogas  
 A) Methane ( ) B) Helium ( )  
 C) Hydrogen ( ) D) Carbon ( )
29. 14<sup>th</sup> ASEAN-India summit held on  
 A) Laos ( ) B) Brazil ( )  
 C) Vietnam ( ) D) France ( )
30. What is the name of the latest Android OS -  
 A) Kitkat ( ) B) Lollipop ( )  
 C) Marshmallow ( ) D) Nougat ( )

31. Summer Olympic 2020 will be held at -  
 A) Beijing ( ) B) Tokyo ( )  
 C) India ( ) D) Vancouver ( )
32. How many prime factor are there in prime factorisation in 5005 ?  
 A) 2 ( ) B) 4 ( )  
 C) 6 ( ) D) 7 ( )
33. Which of the following is irrational ?  
 A)  $\sqrt{4/9}$  ( ) B)  $\sqrt{7}$  ( )  
 C)  $\sqrt{81}$  ( ) D)  $\sqrt[3]{12/\sqrt{3}}$  ( )
34.  $6 \times 111 - 3 \times 111$  are equal to  
 A) 333 ( ) B) 666 ( )  
 C) 111 ( ) D) 146 ( )
35. Each child of the Dicks family at least three sisters and at least one brother. The minimum number of the children in this family is :  
 A) 4 ( ) B) 5 ( )  
 C) 6 ( ) D) 7 ( )
36. The number of whole numbers which lie between  $4^2$  and  $4^3$  is :  
 A) 45 ( ) B) 46 ( )  
 C) 47 ( ) D) 48 ( )
37. The mathematician who gave the term 'algorithm'?  
 A) Euclid ( ) B) Khwarizmi ( )  
 C) Gauss ( ) D) Santoshian ( )
38. The decimal expansion of  $\pi$   
 A) is terminating ( ) B) is non-terminating and repeating ( )  
 C) is non-terminating and non-repeating ( ) D) None of these ( )
39. If p, q are two prime numbers, then LCM(p, q) is :  
 A) 1 ( ) B) p ( )  
 C) q ( ) D) pq ( )
40. Dan caught 40 fish in five days. Every day he caught 3 fish more than previous days. The number of fish he caught on third day is :  
 A) 8 ( ) B) 11 ( )  
 C) 14 ( ) D) 17 ( )
41. Which of the following bank is not a public sector bank ?  
 A) IDBI Bank ( ) B) State bank of India ( )  
 C) Bhartiya Mahila Bank ( ) D) HDFC bank ( )
42. The first and only Bharat Mata Mandir was constructed in 1930s in -  
 A) Ahmedabad ( ) B) Surat ( )  
 C) Varanashi ( ) D) Muzaffarpur ( )
43. Which freedom fighter was the author of the book "An Introduction of the Dreamland"?  
 A) Bhagat Singh ( ) B) Bal Gangadhar Tilak ( )  
 C) Vinayak Damodar Savarkar ( ) D) Subhash Chandra Bose ( )
44. When did the British make English the medium of instruction in India?  
 A) 1813 ( ) B) 1833 ( )  
 C) 1835 ( ) D) 1817 ( )
45. Fascism believed in leadership of -  
 A) Feudals ( ) B) One man ( )  
 C) Political elites ( ) D) Working Classes ( )

46. Which Uranium isotope is used in nuclear power plants to produce electricity ?  
 A) U-238 ( ) B) U-235 ( )  
 C) U-239 ( ) D) U-234 ( )
47. Cooking gas is a mixture of -  
 A) Carbonmonoxide and carbondioxide ( ) B) Butane and Propane ( )  
 C) Methane and Ethylene ( ) D) Carbondioxide and Oxygen ( )
48. The expansion of D.D.T is  
 A) Dichloro Diphenyl Trichloroethane ( ) B) Dichloro Diamine Trichloroethan ( )  
 C) Dichloro Diphenyl Tetrachloroethane ( ) D) None of these ( )
49. The function of heavy water in a nuclear reactor is to -  
 A) Slow down the speed of neutrons ( ) B) Increase the speed of neutrons ( )  
 C) Cool down the reactor ( ) D) Stop the nuclear reaction ( )
50. The percentage of nitrogen present in ammonia sulphate is -  
 A) 18% ( ) B) 21% ( )  
 C) 25% ( ) D) 30.5% ( )
51. Unsorted transaction that can used to immediately update database is called -  
 A) Direct database access ( ) B) Sequential database access ( )  
 C) Alternate database access ( ) D) Instance database access ( )
52. Ubuntu is which type of operating system –  
 A) Open Access ( ) B) Open Source ( )  
 C) Windows Based ( ) D) Mac Based ( )
53. The time for the actual data transfer after receiving the request for data from secondary storage is referred to as the disk's –  
 A) transfer time. ( ) B) movement time. ( )  
 C) access time. ( ) D) data input time. ( )
54. Universal Building Blocks are -  
 A) NAND, NOR Gate ( ) B) OR, NOR, NOT Gate ( )  
 C) AND, OR, NOT Gate ( ) D) AND, NAND, NOT Gate ( )
55. Identify the odd term amongst the following group –  
 A) Coaxial cable ( ) B) Optical cable ( )  
 C) Twisted pair wire ( ) D) Microwaves ( )
56. Bacillus thuringiensis is used as –  
 A) Biofertilizer ( ) B) Biological pesticide ( )  
 C) Chemical fertilizer ( ) D) Chemical insecticide ( )
57. Radio Carbon Dating is use to estimate the age of –  
 A) Soil ( ) B) Monuments ( )  
 C) Fossils ( ) D) Rocks ( )
58. A contemporary of Charles Darwin who came to the same conclusion in the matter of organic evolution was –  
 A) Jean Baptist Lamarck ( ) B) Thomas Fluxley ( )  
 B) Alfred Russel Wallace ( ) D) Franklin Benjamin ( )
59. Stamens are fused with each other by their anthers and also with the petals in –  
 A) Euphorbiaceae ( ) B) Leguminosae ( )  
 C) Liliaceae ( ) D) Compositae ( )
60. What could be the function attributed to the transfusion tissue found in Cycas leaflets?  
 A) Mechanical ( ) B) Conduction ( )  
 C) Storage ( ) D) Photosynthesis ( )

61. Which of the following lakes is situated on the West Coast of India?  
 A) Astamudi ( ) B) Chilka ( )  
 C) Ganga ( ) D) Kolleru ( )
62. The country with the world's largest natural gas reserves is -  
 A) Saudi Arabia ( ) B) Kuwait ( )  
 B) Russia ( ) D) United States of America ( )
63. The tropical cyclones of the Bay of Bengal are usually called –  
 A) Hurricanes ( ) C) Typhoons ( )  
 B) Depression ( ) D) Tornadoes ( )
64. Which of the following countries are joined by the Palk Strait?  
 A) Pakistan and China ( ) C) North and South Korea ( )  
 B) India and Srilanka ( ) D) France and Britain ( )
65. Which among the following is the natural inhabitant of North Pole but not of South Pole?  
 A) Penguins ( ) C) Emu ( )  
 B) Ploar Bear ( ) D) Seals ( )
66. Summer Olympic 2020 will be held at –  
 A) Beijing ( ) C) Tokyo ( )  
 B) PyeongChang ( ) D) Vancouver ( )
67. The recently published book "She Walk, She Leads" is written by –  
 A) Gunjan Jain ( ) C) Nita Ambani ( )  
 B) Chanda Kochhar ( ) D) Puja Nayna ( )
68. Cabinet increases the limit for foreign investment in Stock Exchanges from 5% to –  
 A) 15% ( ) C) 12% ( )  
 B) 10% ( ) D) 8% ( )
69. The Chabahar port development agreement was signed with India and –  
 A) Afganistan ( ) C) Iran ( )  
 B) South Africa ( ) D) Saudi Arab ( )
70. Which country has the world's highest nominal per capita GDP?  
 A) Luxembourg ( ) C) Norway ( )  
 B) Qatar ( ) D) India ( )
71. Prabhat is an early short duration variety of -  
 A Red gram ( ) C) Wheat ( )  
 B) Maize ( ) D) Rice ( )
72. Which of the following is not a nitrogenous fertilizer?  
 A) Ammonium sulphate. ( ) C) Ammonium nitrate. ( )  
 B) Urea. ( ) D) Super phosphate. ( )
73. The Minimum Support Price for Foodgrains was introduced in the year -  
 A) 1954 ( ) C) 1964 ( )  
 B) 1974 ( ) D) 1984 ( )
74. Triticum aestivum, the common bread wheat is –  
 A) Tetraploid ( ) C) Hexaploid ( )  
 B) Haploid ( ) D) Diploid ( )
75. Which crop requires water-logging for its cultivation?  
 A) Tea ( ) C) Coffee ( )  
 B) Rice ( ) D) Mustard ( )

76. Which of the following Financial institutions has recently launched India's first mobile only bank?  
 A) Standard Chartered Bank ( ) C) BNP Paribar ( )  
 B) HSBC Bank ( ) D) Development Bank of Singapore ( )
77. Who was the first Indian to sign the "Giving Pledge"?  
 A) Kiran Mazumder Shaw ( ) C) Mukesh Ambani ( )  
 B) Azim Premji ( ) D) Nandan Nilekani ( )
78. As per Confederation of Indian Industry (CII) and KPMG report 2016 India is the \_\_\_\_\_ fastest growing services economy in the world.  
 A) Fifth ( ) C) Fourth ( )  
 B) Second ( ) D) Third ( )
79. Padma Sachdeva has been selected for the Saraswati Samman 2015 for her novel Chitt Chete written in  
 A) Hindi Language ( ) C) Dongri Language ( )  
 B) Oriya Language ( ) D) Marathi Language ( )
80. Who has been honoured with the 16th Laureus World Sportsman of the year award?  
 A) Rafael Nadal ( ) C) Novak Djokovic ( )  
 B) Andi Mury ( ) D) Roger Federer ( )
81. Give Synonyms "Placate"  
 A) Implore ( ) C) Flatter ( )  
 B) Pacify ( ) D) Compensate ( )
82. Give Antonyms "Fierce" ?  
 A) Gentle ( ) C) Voilent ( )  
 B) Inactive ( ) D) Careful ( )
83. Rita \_\_\_\_\_ it to me in detail yesterday (to explain)  
 A) explaing ( ) C) explained ( )  
 B) explanis ( ) D) explain ( )
84. Mick \_\_\_\_\_ on thin ice for two hours when he heard the first crack.(to skate)  
 A) skating ( ) C) had been skating ( )  
 B) skated ( ) D) has been skating ( )
85. As hoarse as a \_\_\_\_\_ .  
 A) Crow ( ) C) Piegon ( )  
 B) Butterfly ( ) D) Peacock ( )
86. All the students were \_\_\_\_\_ by his jokes.  
 A) amused ( ) C) happy ( )  
 B) enjoyed ( ) D) cheearful ( )
87. It is hoped that a \_\_\_\_\_ will be reached in the meeting.  
 A) statement ( ) C) comparison ( )  
 B) compromise ( ) D) compression ( )
88. Some people regard the world as \_\_\_\_\_.  
 A) imitation ( ) C) allusion ( )  
 B) illusion ( ) D) ilision ( )
89. May you lead a happy life !  
 A) Exclamatory ( ) C) Exclamation ( )  
 B) Optative ( ) D) Assertive ( )
90. Fashion is important to Shyam, so he always \_\_\_\_\_ the latest and most popular poaching style ( to select)  
 A) selecting ( ) C) selects ( )  
 B) has been selecting ( ) D) selected ( )