

1. The number of longitudes on the globe are:
a) 300 b) 240 c) 320 d) 360
2. Which of the following Planet rotates upon its axis from east to west?
a) Mars b) Mercury c) Venus d) Pluto
3. The following layer of earth's atmosphere accounts for practically the entire water vapour, all dust particles and most of carbon dioxide contained in the atmosphere:
a) Stratosphere b) Troposphere c) Mesosphere d) Ionosphere
4. The central meridian for India is the longitude of 82 degree 30' E. This longitude passes near the following city and the Indian Standard time is in fact the time of this meridian:
a) Pune b) Aligarh c) Mughal Sarai d) Allahabad
5. Election Commission of India was set up in:
a) 1950 January b) 1948 August
c) 1951 January d) 1948 January
6. The first woman to become the President of the congress in 1917 was:
a) Aruna Asaf Ali b) Vijaya Lakshmi Pandit
c) Annie Besant d) Sarojini Naidu
7. IRDAI (Insurance Regulatory and Development Authority of India) head quarters are situated at:
a) Bangalore b) Delhi c) Mumbai d) Hyderabad
8. Jallianwala Bagh tragedy at Amritsar happened on:
a) 13th April 1919 b) 13th April 1918 c) 13th April 1916 d) 13th April 1917
9. The Harappan city Mohenjo-Daro was located on the banks of river:
a) Ravi b) Jhelum c) Indus d) Ghaggar
10. Who among the following composed 'SUKHMANI' in the Adi Granth?
a) Guru Arjan Dev b) Guru Angad Dev
c) Guru Tegh Bahadur d) Guru Harkrishan

11. Bairam Khan defeated Hemu in 1556 in the following battle:
- a) 1st battle of Panipat
 - b) 2nd battle of Panipat
 - c) 3rd Battle of Panipat
 - d) Battle of Hydaspes
12. Maharaja Ranjit Singh acquired the Kohinoor diamond from:
- a) General Alfonso
 - b) Muhammad Ghori
 - c) Afgan King Shah Shuja
 - d) Ibarahim Lodhi
13. The UN champions of the Earth award 2015 was given to the following Prime Minister:
- a) Tony Abbot
 - b) Sheikh Hasina
 - c) Narendra Modi
 - d) Malcolm Turnbull
14. The following sports person was appointed in September 2015 as brand Ambassador by Edelweiss Financial Services:
- a) Mahesh Bhupati
 - b) Leander Paes
 - c) Sania Mirza
 - d) Saina Nehwal
15. The following person was appointed as chairman of India's Oscar Jury by the Film Federation of India recently in August 2015?
- a) Shabana Azmi
 - b) Anupam Kher
 - c) Amol Palekar
 - d) Naseeruddin Shah
16. The first woman Director General of Electronics and Communication Systems of DRDO is:
- a) G. Rohini
 - b) J. Manjula
 - c) Usha Mehta
 - d) Sita Shah
17. The duration of the 21st Law Commission of India formed in September 2015 is:
- a) 2 years
 - b) 4 years
 - c) 5 years
 - d) 3 years
18. An example of human X – linked trait:
- a) Skin colour
 - b) Down's syndrome
 - c) Colour blindness
 - d) Both Down's syndrome and Skin colour
19. The half life of Radium – 226 is 1620 years. You are given a sample of material containing 16 mg of Radium – 226. How long will it take for the sample to contain 1mg of Radium – 226:
- a) 3240 years
 - b) 6480 years
 - c) 1620 years
 - d) 4860 years

20. An International agreement that bans most international toxic – waste trade:
- a) Rio convention
 - b) Cartagena Protocol
 - c) Basel Convention
 - d) Stockholm Convention
21. Author of “Silent Spring” highlighting the dangers of pesticide use to wild life, was:
- a) Rachel Carson
 - b) James T. Love Lock
 - c) T. Kajita
 - d) Raymond Davis
22. Which of the following State/Union Territory does not have any National Park?
- a) Tamil Nadu
 - b) Punjab
 - c) Andhra Pradesh
 - d) Nagaland
23. Bengal gram (chana) is also known as:
- a) Pigeon pea
 - b) Congo pea
 - c) Chick pea
 - d) Cow pea
24. Tsunami in the Indian Ocean which badly hit India, Indonesia, Sri Lanka and Thailand occurred on:
- a) November 25th 2004
 - b) December 26th 2004
 - c) November 26th 2004
 - d) December 25th 2004
25. In Delhi, the major cause of traffic hazard during winter is:
- a) Poor visibility
 - b) Machinery malfunction
 - c) Humidity and Rain
 - d) None of the above
26. By rearranging the letters in CIFAIPC, you name a/an:
- a) Country
 - b) City
 - c) Ocean
 - d) Animal
27. Which number does not belong to the series
1, 2, 5, 10, 13, 26, 29, 48
- a) 26
 - b) 48
 - c) 29
 - d) 13
28. Neeta is 24 years old and is 6 times as old as her brother. How old will Neeta be when she is 3 times as old as her brother?
- a) 30
 - b) 32
 - c) 26
 - d) 29

29. Meera is both 13th highest and 13th lowest in a spelling competition. How many people took the test?
- a) 26 b) 25 c) 29 d) 24
30. If each of seven persons in a group shakes hands with each of the other six persons only once, then a total of _____ handshakes occur:
- a) 44 b) 40 c) 21 d) 42
31. Choose the number which is $\frac{1}{4}$ of $\frac{1}{2}$ of $\frac{1}{5}$ of 200 :
- a) 10 b) 5 c) 40 d) 25
32. In 1997 the world was astonished by the announcement of generation of a new born lamb which was a product of cloning. The name of the lamb is :
- a) Lucy b) Polly c) Dolly d) Lucky
33. The line just opposite to the Prime Meridian on the globe, that is, the 180 degree longitude is called:
- a) The Indian Date Line b) Meridian of Greenwich
c) The European Date Line d) The International Date Line
34. The following layer of Earth's atmosphere is considered ideal for flying of Jet air craft:
- a) Troposphere b) Stratosphere
c) Exosphere d) Mesosphere
35. The following person has been referred to as the conscience-keeper of Gandhi ji:
- a) Jawahar Lal Nehru b) Vallabh Bhai Patel
c) J.B. Kriplalni d) C. Rajagoplachari
36. 1st General election in India commenced with effect from:
- a) October 1951 b) April 1951 c) March 1951 d) June 1951
37. Which of the following is the largest Harappan city?
- a) Harappa b) Mohenjo-Daro c) Lothal d) Bhimbekta (MP)

38. 3rd Battle of Panipat (1761) is associated with:
- a) Abdali defeated Marathas
 - b) Ibrahim Lodi was defeated by Babar
 - c) Ranjit Singh defeated Shah Shuja
 - d) Bairam Khan defeated Hemu
39. International Literacy Day is celebrated on:
- a) 14th September
 - b) 8th September
 - c) 8th October
 - d) 18th September
40. The head quarters of West Central Zone of Railways is located at:
- a) Mumbai
 - b) Kota
 - c) Bhopal
 - d) Jabalpur
41. Who among the following was Captain of England cricket team that won the Ashes Test Series in August 2015?
- a) Michael Clarke
 - b) Alastair Cook
 - c) Chris England
 - d) Joe Rogers
42. The Chairman of the 7th Central Pay Commission is:
- a) Justice Ashok Kumar Mathu
 - b) Justice Ashok Kumar Chauhan
 - c) Justice B.N. Sri Krishna
 - d) Justice Ashok Kumar Sharma
43. The author of 'Two years eight months and twenty eight Nights' is:
- a) Naina Lal Kidwai
 - b) Chetan Bhagat
 - c) Salman Rushdie
 - d) Jairam Ramesh
44. Ministry of Youth Affairs, Government of India has recognized the following activity as sports discipline in September, 2015:
- a) Kalaripattu
 - b) Chess
 - c) Kabaddi
 - d) Yoga
45. Bhopal Gas tragedy 1984 is associated with:
- a) DDT
 - b) Methyl isocyanate
 - c) Carbon tetra chloride
 - d) Poly vinyl chloride
46. Dobson units are used to measure:
- a) Noise pollution
 - b) Carbon foot prints
 - c) Thickness of Ozone
 - d) Concentration of radioactive compounds

47. The main objective of the Public Liability Insurance Act 1991 is to provide for:
- a) Damages to victims of an accident which occurs as a result of handling any hazardous substance
 - b) Strict liability for damage arising out of accidents caused from handling of hazardous substances
 - c) Prevention, control and abatement of pollution in India
 - d) Damages caused to environment by industry in terms of the cumulative amount of land and water required
48. Tse-Tse fly is associated with the following disease:
- a) Kala azar
 - b) sleeping sickness
 - c) Bubonic plague
 - d) Leprosy
49. Arhar dal is also known as:
- a) chick pea
 - b) cowpea
 - c) pigeon pea
 - d) Horse gram
50. ELISA test is based on the principle of:
- a) Antigen – antibody interaction
 - b) Interaction of Tagged DNA with radioactive probe
 - c) Pathogen based disease symptoms
 - d) Correction of mutated genes and gene interaction
51. The commercial, goods or passenger vehicle driving license is to be renewed after every:
- a) 5 years
 - b) 2 years
 - c) 4 years
 - d) 3 years
52. The following workers must be checked regularly with dosimeters:
- a) Staff working in pesticide factory
 - b) Staff dealing with Radio isotopes
 - c) Staff dealing with Bio hazardous substance
 - d) Staff working with oil spills
53. Which number should be next in the series
1,1,2,3,5,8,13....
- a) 26
 - b) 22
 - c) 21
 - d) 18
54. Which scheme of Indian Government was conferred with the Guinness World Record on 20th January 2015?
- a) Beti Bachao, Beti Padhao
 - b) Swachh Bharat Mission
 - c) Pradhan Mantri Jan-Dhan Yojana
 - d) Nirmal Gram Yojana

55. A spaceship received these messages in a strange language from a distant planet. The astronaut studied the messages and found that "Elros Alderion Elendil" means "Danger Rocket Explosion" ; "Edain Myantran Elros" means "Danger spaceship fire" and "Alderion Gambar Gander" means "Bad Gas explosion". Based on this what does "Elendil" mean?

- a) Gas b) Danger c) Rocket d) Explosion

56. This sequence of four words, "triangle, glove, clock, bicycle," corresponds to which sequence of numbers:

- a) 3, 4, 5, 6 b) 3, 5, 12, 2. c) 5, 12, 4, 2 d) 3, 5, 2, 22

57. Amit needs 13 bottles of water, he can carry only 3 bottles at a time. How many trips does Amit have to make?

- a) 6 b) 5 c) 4.5 d) 4

58. Who among the following was the first President of Indian National Congress?

- a) Dadabhai Naoroji b) Badruddin Tyabji
c) W.C. Bannerji d) Rajendra Prasad

59. Who among the following was the Chairman of the Drafting Committee of the Constitution?

- a) Alladi Krishna Swamy Aiyar b) Jawahar Lal Nehru
c) Sardar Vallabhai Patel d) B R Ambedkar

60. The Federation of Indian Chambers of Commerce and Industry (FICCI) was founded in 1927 by:

- a) Birla & Tata b) D. Ambani & Tata
c) Birla & Purshottam Das Thakur Das d) Thakurdas & Rattan Tata

61. The Indian Standard Time (IST) is ahead of GMT by:

- a) 5 hrs and 30 minutes b) 5 hrs and 45 minutes
c) 6 hrs and 15 minutes d) 4 hrs and 45 minutes

62. The World Bioethics was fashioned in 1970 by:

- a) C. Hastings b) Van Rensselaer Potter
c) Dan Callahan d) Andre Hellegers

63. Earth's atmosphere has 5 major layers. The correct sequences of the layers in ascending order are:
- a) Stratosphere – Troposphere – Mesosphere – Ionosphere – Exosphere - Thermosphere
 - b) Ionosphere – Exosphere – Mesosphere – Stratosphere – Troposphere - Thermosphere
 - c) Troposphere – Stratosphere – Mesosphere – Ionosphere – Thermosphere - Exosphere
 - d) Troposphere – Mesosphere – Stratosphere – Ionosphere – Exosphere - Thermosphere
64. In which of the following movement did Gandhi ji first make use of hunger strike as a weapon:
- a) Bardoli Satyagraha
 - b) Salt Satyagraha (1920)
 - c) Rowlatt Satyagraha (1919)
 - d) Ahmedabad strike (1918)
65. The author of Andher Nagari Chaupat Raja:
- a) Munshi Prem chand
 - b) Bhartendu Harish chandra
 - c) Rabindra Nath Tagore
 - d) Bankim chandra Chattopadhya
66. Babar defeated the following person in the 1st battle of Panipat in 1526:
- a) Ibrahim Lodhi
 - b) Rana Sanga
 - c) Mahmud of Ghazni
 - d) Alauddin Khilji
67. The tree of Peace and Unity (a weeping cherry tree) was planted in May 2014 at the following UN head quarters to mark 70th anniversary of the end of World War – II in Europe:
- a) London
 - b) Paris
 - c) New York
 - d) Zurich
68. National Hindi Divas is celebrated on:
- a) 8th September
 - b) 14th September
 - c) 17th September
 - d) 22nd September
69. The first Railway Zone in our country to eliminate all unmanned level crossings is:
- a) Central Railway Zone
 - b) South Central Railway Zone
 - c) Northern Railway Zone
 - d) West Central Railway Zone
70. The following person is also popularly known as the Water Man of India:
- a) Rohit Sharma
 - b) Rajendra Singh
 - c) Rajendra Yadav
 - d) Rajendra Chauhan

71. Scientists of USA have successfully grown from reprogrammed skin cells, a replica of a Human brain in the laboratory in August, 2005. It is called:
- a) Cerebroid b) Brainoid c) Roboid d) Organoid
72. Which of the following causes both thermal pollution of water body and pollution of Air?
- a) Coal based power plant b) Tidal power plant
c) Waste water treatment plant d) Brick kiln
73. The following enzyme helps in joining together the DNA fragments in biotechnology:
- a) Restriction enzyme b) Endonuclease c) DNA Lyase d) DNA ligase
74. The method which is suitable for plants, where the cells are bombarded with high velocity micro particles of gold or tungsten coated with DNA, is called:
- a) Micro Injection b) Biolistics
c) Insertional inactivation d) Transformation
75. Carbohydrates, lipids, nucleic acids and proteins – all have the following common characters:
- a) All are organic compound b) All contain Nitrogen element
c) All contain the element carbon d) Both a and c
76. The emission norms of passenger car according to Bharat IV standard are:
- a) 1.0 CO (g / km) and 0.18 combined HC + NO_x (g / km)
b) 2.3 CO (g / km) and 0.18 combined HC + NO_x (g / km)
c) 1.0 CO (g / km) and 0.35 combined HC + NO_x (g / km)
d) 2.3 CO (g / km) and 0.35 combined HC + NO_x (g / km)
77. Earth quakes are classified as small, moderate, major or great based on Richter scale (a measure of energy released during the earthquake). On Richter scale a moderate Earth quake will measure:
- a) 7.0 – 7.9 b) 6.0 – 6.9 c) 5.0 – 5.9 d) 4.0 – 4.9
78. One of the major reasons cited for the recent Flood crisis in Chennai was:
- a) Poor tree cover b) Construction on wet land areas
c) Improper drainage d) None of the above

79. By rearranging the letters in BARBIT you name a/an:
- a) Country b) City c) Ocean d) Animal
80. Which is least like the other four?
- a) Copper b) Brass c) Tin d) Aluminium
81. Which number does not belong to the series
9, 7, 8, 6, 7, 5, 6, 3
- a) 7 b) 8 c) 3 d) 6
82. Jack is taller than Peter, and Sahil is shorter than Jack; which of the following statements is accurate:
- a) Sahil is taller than Peter
b) Sahil is shorter than Peter
c) Sahil is as tall as Peter
d) It is not possible to say
83. Delimitation of constituencies and determination of constituencies reserved for SCs and STs are done by?
- a) Election commission
b) Delimitation commission
c) Planning commission
d) Election commission with the assistance of Delimitation commission
84. The polity of the Harappan people, as derived from the material evidence, was:
- a) Secular-federalist
b) Theocratic-federalist
c) Oligarchic
d) Theocratic-Unitary
85. Jaubani is a dance form traditionally performed in North-Eastern India by the:
- a) Dimasas
b) Mizos
c) Khasis
d) Bodos

86. The largest solar power project in Punjab was commissioned at:
- Bathinda
 - Fatehgarh Sahib
 - Anandpur Sahib
 - Sri Mukatsar Sahib
87. Who has been conferred the prestigious 14th Sant Namdev National Award-2015 for promoting peace, communal harmony and universal brotherhood?
- Nanak Duggal
 - Parkash Singh Badal
 - Pargat
 - Suresh Kalmadi
88. Where is the Sikh Heritage Complex located?
- Mansa
 - Amritsar
 - Ropar
 - Anandpur Sahib
89. Acid rain is caused by:
- Carbon-dioxide
 - Carbon-monoxide
 - Methane
 - Nitrogen oxide and sulphur-dioxide
90. Taj Mahal is threatened due to the effect of:
- Chlorine
 - Sulphur-dioxide
 - Hydrogen
 - Methane
91. Buoyancy depends on:
- The shape of the body
 - The mass of the body
 - The mass of the liquid displaced
 - The depth to which the body is immersed
92. The working of a rocket is based on the principle postulated by:
- Thomson
 - Kepler
 - Newton
 - Einstein

93. A body falling freely from a height towards the earth moves with uniform:
- a) Acceleration
 - b) Velocity
 - c) Speed
 - d) Weight
94. India's space agency ISRO will provide satellite-generated navigational information to the railways through space technology through the system called:
- a) VARUNA
 - b) AKASH
 - c) EAGLE
 - d) GAGAN
95. The number of chromosomes in human body is:
- a) 42
 - b) 44
 - c) 46
 - d) 48
96. The life history of human malarial parasite in Anopheles was first described by:
- a) Patrick mason
 - b) Laveran
 - c) Ronald Ross
 - d) Richard Pfeifer
97. Statements:
- Some flats are apartments
 - All secrets are puzzles
 - Some halls are rooms
- Conclusions:
- 1. Atleast some rooms are flats
 - 2. No apartment is a room
- a) Only conclusion 1 is true
 - b) Only conclusion 2 is true
 - c) Both conclusion 1 and 2 are true
 - d) Neither 1 nor 2 is true

98. Statements:
Some codes are secrets
All secrets are puzzles
- Conclusions:
1. All secrets being codes is a possibility
 2. At least some puzzles are codes
- a) Only conclusion 1 is true
b) Only conclusion 2 is true
c) Either conclusion 1 or 2 is true
d) Both conclusion 1 and 2 are true
99. What was the theme of Republic Day 2015?
a) Green India
b) Vyasana Mukti
c) Clean India
d) Women empowerment
100. Who is the Chairman of Niti Aayog?
a) Arvind Pangadiya
b) Narendra Modi
c) Arun Jetly
d) Montek Singh Ahluwalia
