

161/2016

1. Which of the following number is divisible by 11 ?
(A) 8294627 (B) 3495714 (C) 7546743 (D) 974362
2. What should be the measure of the diagonal of a square whose area is 162 cm^2 ?
(A) 15 cm (B) 19 cm (C) 18 cm (D) 14 cm
3. 25 women can complete a work in 5 days. In how many days will 30 women can complete that work ?
(A) 7 days (B) 6 days (C) 8 days (D) 10 days
4. Find the sum of the numbers lying between 200 and 700 which are multiples of 5.
(A) 44550 (B) 34440 (C) 65240 (D) 32300
5. The difference between 72% and 54% of a number is 432. What is 55% of that number ?
(A) 1355 (B) 1445 (C) 1420 (D) 1320
6. A cylinder of radius 4 cm and height 10 cm is melted and recasted into a sphere of radius 2 cm. How many such sphere are got ?
(A) 25 (B) 30 (C) 15 (D) 28
7. Nine years ago the age of Athira was five times that of Annu's age. After nine years Athira's age will be twice of Annu's age. Athira's present age is :
(A) 21 (B) 24 (C) 32 (D) 27
8. 2016, January 22nd is Friday. Find 2016, August 20.
(A) Friday (B) Tuesday (C) Thursday (D) Saturday
9. A train 520 m long is running with a speed of 90 km/hr. In what time will it cross a bridge 130 m long ?
(A) 26 second (B) 25 second (C) 32 second (D) 30 second
10. Find the value of x , if $\frac{3(x-2)}{5} = \frac{5(2-x)}{3}$.
(A) 3 (B) 2 (C) 6 (D) 8

A

3

[P.T.O.]

11. If FATHER is coded IDWKHU, then the code for MOTHER will be :
 (A) MBWKHU (B) LNSGDQ (C) PRWKHU (D) ZOPMNU
12. Three of the following four pair of numbers are alike in a certain way and so they form a group. Which is the one that does not belong to the group ?
 (A) 2, 10 (B) 3, 26 (C) 5, 124 (D) 4, 63
13. Among the four options given below find the word which does not have a related meaning as the word 'Judicious'.
 (A) Justice (B) Wise (C) Prudent (D) Discreet
14. Among the four options given below find the word which has opposite meaning of the word 'combat'.
 (A) Compete (B) Contest (C) Yield (D) Fight
15. Choose the pair in which the words are differently related.
 (A) Canberra - Australia
 (B) Algeria - Africa
 (C) Norway - Europe
 (D) Iran - Asia
16. In the following, find the number that replaces the ' ? '.
 $846 : 624 :: 774 : \underline{\quad ? \quad}$
 (A) 331 (B) 263 (C) 467 (D) 552
17. Examine carefully the following statements and answer the question given below :
 A and B play football and cricket.
 B and C play cricket and hockey.
 A and D play basketball and football.
 C and D play hockey and basketball.
 Who plays football, basketball and hockey ?
 (A) A (B) B (C) C (D) D
18. Arrange the following words as per the order in the dictionary :
 (i) Ambitious (ii) Ambiguous (iii) Ambiguity
 (iv) Animation (v) Amphibians
 (A) (iii), (ii), (i), (iv), (v) (B) (iii), (ii), (i), (v), (iv)
 (C) (i), (ii), (iii), (v), (iv) (D) (ii), (iii), (i), (iv), (v)

19. If February 1, 2004 is Wednesday, then what day is March 3, 2004 ?
 (A) Monday (B) Sunday (C) Friday (D) Saturday
20. In the following number series, one number is wrong. Find the wrong number.
 Number series : 1, 2, 6, 15, 31, 56, 91.
 (A) 31 (B) 91 (C) 15 (D) 56
21. The shape of acceleration versus mass graph for constant force is :
 (A) Parabola (B) Hyperbola (C) Straight line (D) Ellipse
22. The tank appears shallow than its actual depth, due to :
 (A) Reflection (B) Refraction (C) Diffraction (D) Interference
23. In n - type semiconductor the majority carriers are :
 (A) Electrons (B) Holes
 (C) Electrons and Holes (D) None of these
24. In a given sample there are 10,000 radio-active atoms of half-life period 1 month. The number of atoms remaining without disintegration at the end of 3 months is :
 (A) Nil (B) 5,000 (C) 2,500 (D) 1,250
25. A convex lens is placed in water, its focal length :
 (A) Increases (B) Decreases
 (C) Remains the same (D) Doubled
26. Principles of Law of Inheritance were enunciated by :
 (A) Morgan (B) Mendel (C) Bateson (D) Punnet
27. The infective stage of malarial parasite plasmodium that enters human body is :
 (A) sporozoite (B) merozoite (C) sporozoite (D) minuta form
28. Respiratory centre in human beings is :
 (A) cerebellum (B) medulla oblongata
 (C) hypothalamus (D) cerebrum

29. Artificial ripening of fruits is accomplished by treatment with :
- (A) Sodium chloride (B) Indole - 3 acetic acid
(C) Kinetin (D) Ethelene gas
30. In mammals ammonia produced by metabolism is converted to urea in the :
- (A) Kidney (B) Blood (C) Liver (D) Spleen
31. The 17th Laureans World Sports Award, 2015 for Life Time Achievement was given away to Niki Landa for :
- (A) Tennis (B) Rugby (C) Swimming (D) Motor racing
32. 'Ardhanareeswaran' the famous novel written by :
- (A) Sugatha Kumari (B) Perumal Murugan
(C) Akbar Kakkattil (D) C. Radhakrishnan
33. 'Priyamanasam' won the national award for the best Sanskrit film, directed by :
- (A) Salim Ahmad (B) Suresh Eriyat
(C) Vinod Mankara (D) V.K. Prakash
34. IRNSS - 1 G Regional Navigation Satellite System successfully launched from Satish Dhawan Space Centre with the help of :
- (A) PSLV - C 33 (B) PSLV - C 31 (C) PSLV - C 32 (D) PSLV - C 34
35. Deepa Karmakar qualified for Rio de janeiro Olympic Games 2016 after defeating :
- (A) Yelena Produnova (B) Oksana Chusovitina
(C) Yamilet Pena (D) None of the above
36. The first Jail Museum of Kerala State is going to establish with the central prison of :
- (A) Poojappura Central Jail
(B) Viyyur Central Jail
(C) Cellular Jail, Andaman Nicobar Island
(D) Kannur Central Jail
37. Who is the present Governor of Uttarakhand State ?
- (A) Govind Singh Kunjuwall (B) Harish Rawat
(C) K.K. Paul (D) J.P. Raj Khowa

38. Narendra Jadhav, an economist, newly nominated to Rajya Sabha was a former member of :
- (A) Niti Ayog
(B) Planning Commission
(C) National Human Rights Commission
(D) None of the above
39. Which among the following is the India's fastest train ?
- (A) Satapiti Express
(B) Himasagar Express
(C) Gatiman Express
(D) Mangala Express
40. Which Tennis star will carry the Spanish flag at the opening ceremony of the Rio Olympic Games, 2016 ?
- (A) Rafael Nadal
(B) Djokovic
(C) Serena Williams
(D) Wawarinka
41. "Dreaming Big : My Journey to Connect India" is the autobiography of _____.
- (A) Sam Pitroda
(B) Chandra Sekhar
(C) M.S. Aluvalia
(D) Aravind Panagaria
42. Who was the Deputy Chairman of the Planning Commission of India during the first two years of the Fourth Five year plan ?
- (A) Dr. P.T. Lakdawala
(B) Ashok Gadgil
(C) Dr. D.R. Gadgil
(D) M.D. Gadgil
43. The first modern metro of India is :
- (A) The Kolkata metro
(B) The Delhi metro
(C) The Bangalore metro
(D) The Chennai metro
44. 'Crawling Order' was issued by the British government in India in connection with :
- (A) Chauri Chaura incident
(B) Wagon Tragedy
(C) Dandi March
(D) Jallianwala Bagh incident
45. Who led the Salt Satyagraha against the illegal laws of the English after Gandhi's arrest ?
- (A) Abbas Tyabji
(B) P. Rangiah Naidu
(C) Sardar Dyal Singh
(D) Pattabhi Sitaramayya

46. Freedom fighter who founded the Bharatiya Vidya Bhavan :
 (A) Tilak (B) V.J. Patel (C) K.M. Munshi (D) S.M. Sen Gupta
47. The fourth President of Indian National Congress in 1888 :
 (A) W.C. Bannerji (B) George Yule
 (C) Dadabhai Naoroji (D) William Wedderburn
48. _____ is the second largest peninsular river flowing towards the East.
 (A) The Godavari (B) The Kaveri
 (C) The Narmada (D) The Krishna
49. Pedology is the science that deals with the study of _____.
 (A) Soil (B) Water (C) Mountains (D) Lakes
50. The most fertile soil found in India is :
 (A) Deccan Soil (B) Laterite Soil (C) Alluvial Soil (D) Red Soil
51. Who founded Advaita Ashram at Aluva ?
 (A) Sankaracharya (B) Sree Narayana Guru
 (C) Chattampi Swamikal (D) Swami Chinmayananda
52. Who started Sanskrit Educational Centre called Tatva Prakasika Ashram at Calicut ?
 (A) Vaghatananda (B) Brahmananda Swami
 (C) V.T. Bhatathiripadu (D) K.P. Karuppan
53. Who founded Yokakhema Sabha ?
 (A) Chattampi Swamikal (B) Dr. Palpu
 (C) Pokkayil Yohannan (D) V.T. Bhatathiripad
54. Who started the literary organisation called vidya poshini ?
 (A) Ayyankali (B) C. Krishnan
 (C) T.K. Madhavan (D) Sahodaran Ayyappan
55. The Temple Entry proclamation of Sri Chithirathirunal Balaramavarma declared on :
 (A) November 1, 1936 (B) October 1, 1936
 (C) November 1, 1932 (D) January 1, 1936

56. Brahmananda Swanu Sivayogi's Sidhaslram is situated at :
 (A) Aluva (B) Kalady (C) Sivagiri (D) Alathur
57. Who founded Sadhujana Paripalana Sangham ?
 (A) Ayyan Kali (B) K.P. Karuppan
 (C) Sahodaran Ayyappan (D) C. Krishnan
58. Black cotton soil is known as :
 (A) Bhangar (B) Khadar (C) Regar (D) Laterite
59. The outermost range of the Himalaya is known as :
 (A) Aravalli Range (B) Satpura Range
 (C) Shiwalik Range (D) None of these
60. The lower layer of the atmosphere is known as :
 (A) Ionosphere (B) Troposphere (C) Mesosphere (D) Stratosphere
61. Which amendment act added a new fundamental duty under article 51 (A) of the constitution which provides that it shall be the duty of every Indian citizen to provide education to their children upto the age of fourteen years ?
 (A) 75 (B) 88 (C) 86 (D) 83
62. The Human Rights Commissions at the centre and states are facing serious setbacks because _____
 (i) They function as recommendatory and advisory bodies.
 (ii) They can submit reports only annually.
 (iii) There is no authority to execute their orders.
 (iv) The existing governmental system ignores their recommendations.
 (A) (i), (iii) and (iv) (B) (i), (ii) and (iii)
 (C) (i), (iv) and (ii) (D) (ii), (iii) and (iv)
63. Which one of the following powers of the Rajya Sabha is provided in the Constitution of India ?
 (A) To decide whether a bill is a money bill.
 (B) To initiate a money bill.
 (C) To reject or amend a money bill.
 (D) To delay a money bill for a period not exceeding fourteen days.

64. The institution of Ombudsman was first created in _____.
 (A) USA (B) Switzerland (C) Sweden (D) Denmark
65. Lokayukta submits its report to _____.
 (A) Chief Minister (B) Governor (C) President (D) Chief Justice
66. The Constitution guarantees protection of the rights of the minorities in India through which articles ?
 (A) 29 and 30 (B) 350 and 351 (C) 28 and 29 (D) 15 and 16
67. Which government appointed P.V. Rajamannar Committee to examine the tension area in centre - state relations ?
 (A) India (B) Maharashtra (C) Karnataka (D) Tamil Nadu
68. The last session of the existing Lok Sabha after a new Lok Sabha has been elected is known as _____.
 (A) Joint sitting (B) Lame Duck (C) Guillotine (D) Sine die
69. Financial Emergency can be continued for _____.
 (A) 2 months (B) 6 months (C) one year (D) indefinite
70. Right to Information is the most effective and innovative tool in Indian administration because :
 (i) it accepts people's rights and privileges to know.
 (ii) it makes political system accountable and transparent.
 (iii) it makes people aware of public policies and decision making.
 (iv) it makes administrative more innovative.
 (A) (i), (iii) and (iv) (B) (i), (ii) and (iv)
 (C) (i), (ii) and (iii) (D) (ii), (iii) and (iv)
71. Choose the antonym of the italicised word from the sentence :
 After months of drought the farmers began to *despair* that they would lose everything.
 (A) inspire (B) desperate (C) hope (D) hurry

72. Choose a suitable interpretation for the idiom 'to blaze a trail' :
- (A) to set fire (B) to blow one's trumpet
(C) to be annoying (D) to initiate work
73. Jessie waited with _____ breath for news of her success.
- (A) bated (B) batton (C) baited (D) battled
74. Find the appropriate reported speech for the following :
"Keep quiet" said the mother to the child.
The mother asked the child _____.
- (A) for keeping quiet (B) to keep quiet
(C) should keep quiet (D) that it should have kept quiet
75. The universe _____ continuously ever since the beginning of time and the galaxies _____ away from one another at great speed.
- (A) has expanded, moved (B) expanded, has been moving
(C) had been expanding, had moved (D) has been expanding, have been moving
76. Give a one word substitute for :
A person who does not believe in God.
- (A) altruist (B) atheist (C) theist (D) amateur
77. It is obvious from the leader's mumbling that he does not have a flair _____ public speaking.
- (A) in (B) to (C) for (D) by
78. Correct the statement :
Each of the boys were given a pen.
- (A) Each of the boys are given a pen. (B) Each of the boys was given a pen.
(C) Each of the boys give a pen. (D) Each of the boys were given pens.
79. Choose the word which is spelt correctly ?
- (A) accommodation (B) accomodation
(C) accommadation (D) accomodation

80. Change the voice :
Did the blast terrify the children ?
(A) Was the blast terrified by the children ?
(B) Was the children terrified by the blast ?
(C) Were the children terrifying by the blast ?
(D) Were the children terrified by the blast ?
81. Which among the following is not a feature of Balika Samridhi Yojana ?
(A) To improve enrolment and retention of girl children.
(B) To raise the age at marriage of girls.
(C) To give reservation to girl children.
(D) To assist the girl to undertake income generating activities.
82. Anthyodaya Anna Yojana (AAY) was launched first in :
(A) Rajasthan (B) Kerala (C) Bihar (D) Tamil Nadu
83. Indian business plan for creating and augmenting basic rural infrastructure :
(A) Make in India (B) Bharat Nirman
(C) Start up India (D) IRDD
84. The micro finance scheme for women SHG :
(A) Kudumbasree (B) Ayal Koottam
(C) Indira Rozgar Yojana (D) Mahila Samridhi Yojana
85. Anganwadi provides food, pre-school education and primary health care to children under the age of :
(A) 4 years (B) 5 years (C) 6 years (D) 7 years
86. Which of the following is not a government organisation ?
(A) NRDP (B) NREGP (C) ICDS (D) IRDP
87. A registered applicant under NREGP is eligible for unemployment allowance if he is not employed within :
(A) one month (B) 7 days (C) 10 days (D) 15 days

88. The self-employment venture to assist less educated and poor unemployed youth :
- (A) Sampoorna Grameen Rozgar Yojana
 (B) PMRY
 (C) Jawahar Gram Samridhi Yojana
 (D) Jawahar Rozgar Yojana
89. 'Kudumbasree' was launched by :
- (A) Dr. T.M. Thomas Isac
 (B) Paloli Muhammed Kutty
 (C) Atal Bihari Vajpayee
 (D) V.S. Achuthanandan
90. 'Empowering the poor' is the motto of :
- (A) NRDP
 (B) AAY
 (C) IRDP
 (D) NREGP
91. Minimum number of bits essential to store any 2 digit decimal number is equal to _____.
- (A) 9
 (B) 8
 (C) 7
 (D) 6
92. USB stands for _____.
- (A) Universal Serial Bus
 (B) Universal Synchronous Bus
 (C) Unified Serial Bus
 (D) Ultra Speed Bus
93. The type of test used in computing to check whether or not the user is a human :
- (A) Debugging
 (B) Cryptanalysis
 (C) CAPTCHA
 (D) Black Box Testing
94. Which among the following is the fastest memory component in a computer ?
- (A) Hard disk
 (B) Registers
 (C) Cache Memories
 (D) RAM
95. Which among the following is not an Open Source Software ?
- (A) Firefox
 (B) Python
 (C) R Programming
 (D) Tally

96. What is E-mail Spoofing ?
- (A) E-mail that appears to have been originated from one source when it was actually sent from another source.
 - (B) Sending E-mail to thousands and thousands of users.
 - (C) Repeatedly sending an identical E-mail message to a particular address.
 - (D) Sending threatening E-mails.
97. International Computer Security Day :
- (A) December, 2nd (B) December, 23rd (C) November, 30th (D) July, 18th
98. Which section of IT Act deals with Cyber Terrorism ?
- (A) 66 F (B) 67 B (C) 67 A (D) 56 F
99. Which is the national nodal agency for responding to computer security incidents as and when they occur ?
- (A) CAT (B) ICERT (C) CCA (D) CDAC
100. Which protocol is used for secure communication over internet ?
- (A) IP (B) UDP (C) HTTP (D) HTTPS

- o o o -