

# 169/2015

1. Today is Monday. After 54 days it will be :  
(A) Tuesday            (B) Thursday            (C) Friday            (D) Saturday
2. In a certain code **SCHOOL** is written as **LPPIDS**. How is **COMPUTER** written in the same code ?  
(A) RFVUPNPC            (B) RFUVQNPC            (C) KCZFXMYA            (D) DPNQVSFT
3. Look at the Series : 26, 25, 27, 26, 28, 27 – What number should come next ?  
(A) 26                      (B) 27                      (C) 28                      (D) 29
4. Choose the odd one : 43, 53, 63, 73, 83.  
(A) 73                      (B) 63                      (C) 53                      (D) 43
5. Choose the word which best expresses the meaning of the given word : **WARY**  
(A) Vigilant            (B) Intelligent            (C) Accurate            (D) Tired
6. If  $\times$  means *addition*,  $-$  means *division*,  $+$  means *subtraction* and  $\div$  means *multiplication* then the value of :  $4 - 4 \times 4 \div 4 + 4 - 4$  is equal to :  
(A) 4                      (B) 0                      (C) 16                      (D) 1
7. Select the correct choice :  
Horse : Cart :: Tractor : \_\_\_ ?  
(A) Bus                      (B) Driver                      (C) Trailer                      (D) Bullock
8. Starting from a point, Babu walked 20 meters north side, he turned right and walked 10 meter, he again turned right and walked 20 meters, then he turned left and walked 5 meters. How far is he now and in which direction from the starting point ?  
(A) 15 meter towards east                      (B) 5 meter towards east  
(C) 15 meter towards west                      (D) 5 meter towards west
9. Find the next in series :  
 $AP_5QR, ZP_4QS, BP_3QT, YP_2QU$  \_\_\_ ?  
(A)  $XP_1QW$             (B)  $XP_1UV$             (C)  $CP_1QV$             (D)  $CP_1QU$

10. Choose the least number which when divided by 8, 9, 15, 24, 32 and 36 leaves remainders 3, 4, 10, 19, 27 and 31 respectively :
- (A) 2675                      (B) 2875                      (C) 3075                      (D) 3275
11. Which of the following is the highest common factor of 4266, 7848, 9540 ?
- (A) 18                      (B) 20                      (C) 22                      (D) 24
12. The difference of  $1\frac{5}{16}$  and its reciprocal is equal to :
- (A)  $\frac{441}{256}$                       (B)  $\frac{256}{441}$                       (C)  $\frac{185}{336}$                       (D)  $\frac{336}{185}$
13. Let  $a+b+c=13$ ;  $a^2+b^2+c^2=69$ . Then  $ab+bc+ca=$  ?
- (A) 20                      (B) 30                      (C) 40                      (D) 50
14. Which of the following number is divisible by 7 ?
- (A) 41942                      (B) 41944                      (C) 41940                      (D) 41946
15. If  $a : b = 3 : 4$ ,  $b : c = 7 : 9$ ,  $c : d = 5 : 7$ ,  $d : e = 12 : 5$ . Then  $a : e =$  ?
- (A) 1:1                      (B) 5:12                      (C) 3:2                      (D) 5:11
16. A teacher driving his vehicle at 24 kmph, reaches her school 5 minutes late. If she had driven the vehicle 25% faster on an average she would have reached 4 minutes earlier than the scheduled time. How far is her school ?
- (A) 72 km                      (B) 36 km                      (C) 48 km                      (D) 18 km
17. Juice is sold in an aluminum can of cylindrical shape that measure 6 inches in height and 2 inches in diameter. How many cubic inches of juice are contained in a full can approximately ?
- (A) 12.0                      (B) 15.4                      (C) 18.8                      (D) 113.0
18. At what angle the hands of a clock are inclined at 15 minutes past 5 ?
- (A)  $62\frac{1}{2}$  degree                      (B) 65 degree                      (C)  $66\frac{3}{4}$  degree                      (D)  $67\frac{1}{2}$  degree

19. Chin and Chan together can complete a piece of work in 40 days while Chin alone can complete the same work in 60 days. Chan alone will be able to complete the same work in :  
 (A) 90 days                      (B) 120 days                      (C) 60 days                      (D) 75 days
20. In a certain time ₹ 1200 becomes ₹ 1560 at 10% PA simple interest. Then the principal amount that will become ₹ 2232 at 8% PA in the same time is :  
 (A) 1800                      (B) 1860                      (C) 1920                      (D) 2000
21. Toxic substances enter into the food chains and accumulate on higher trophic levels. The phenomenon is called :  
 (A) Cirrhosis                      (B) Algal Bloom  
 (C) Biomagnification                      (D) Ascites
22. Which of the following is a mixed nerve ?  
 (A) Optic nerve                      (B) Vagus nerve  
 (C) Hypoglossal nerve                      (D) Trochlear nerve
23. The smallest and lightest bone in the human body :  
 (A) Nasal bone                      (B) Incus                      (C) Mandible                      (D) Stapes
24. The vaccine used in pulse polio immunization campaign in India :  
 (A) Salk vaccine                      (B) DPT vaccine  
 (C) Pentavalent vaccine                      (D) DT vaccine
25. In a monohybrid cross, a heterozygous tall pea plant is crossed with a dwarf pea plant. Which type of progenies is formed in the F<sub>1</sub> generation ?  
 (A) All are tall                      (B) All are dwarf  
 (C) Both tall and dwarf                      (D) None of these
26. The elements which show variable valency :  
 (A) inert gas                      (B) non metals  
 (C) d block elements                      (D) s block elements
27. Which compound is called 'Carborundum' ?  
 (A) Calcium carbide                      (B) Aluminium carbide  
 (C) Boron carbide                      (D) Silicon carbide

28. The lens used to rectify the disease, 'Myopia' :  
(A) Convex lens (B) Concave lens (C) Biconcave lens (D) Biconvex lens
29. The most abundant element in the earth crust is :  
(A) Oxygen (B) Nitrogen (C) Hydrogen (D) Iron
30. The unit of acceleration is :  
(A) m/s (B) m/s<sup>2</sup> (C) km/hour (D) m<sup>2</sup>/s
31. Who is the governor of Meghalaya ?  
(A) Tathagata Roy (B) P. Sadasivam  
(C) V. Shanmuganathan (D) Dr. Syed Ahmed
32. Best documentary film of 2015 Oscar 'Citizenfour' is directed by :  
(A) Rosamund Pike (B) Reese Witherspoon  
(C) Laura Poitras (D) Edward Snowden
33. Who won 'Man Booker Prize' 2015 ?  
(A) Patrik Modiano (B) Richard Flanagan  
(C) Laszlo Krasznahorkai (D) Arundhati Roy
34. Which city was the venue of 19<sup>th</sup> national youth festival 2015 ?  
(A) Manipur (B) Guwahati (C) Delhi (D) Ranchi
35. Who is the CEO of Syndicate Bank ?  
(A) Chanda Kochar (B) Sathya Nadella  
(C) Arun Sreevasthava (D) Vishal Sikka
36. Who is the present chairman of public accounts committee ?  
(A) K. M Mani (B) K. V Thomas  
(C) Y. V Reddy (D) K. P Balachandran
37. What is India's rank in the global happiness index 2015 ?  
(A) 158 (B) 116 (C) 117 (D) 120

38. Name the heaviest next generation rocket launched by ISRO recently :
- (A) GSLV D5 (B) GSLV Mark III (C) PSLV – C20 (D) PSLV C27
39. Who is the author of the book 'Lives of Others' ?
- (A) Pranab Mukherjee (B) Hilary Clinton  
(C) Neel Mukherjee (D) Rajdeep Sardesai
40. Where was the 2015 common wealth games held ?
- (A) Gold coast (B) Glasgow (C) Delhi (D) Japan
41. Who is also known as Muthukutti Swami ?
- (A) Chattampi Swami (B) Vaikunta Swami  
(C) Narayana Guru Swami (D) Vagbhatananda Swami
42. Who did first malayalam printing ?
- (A) Benjamin Baily (B) Herman Gundert  
(C) Jovannes Gon Salvez (D) Anjelos Francis
43. The order permitting channar women to wear jacket was issued by which diwan ?
- (A) Col. Munroe (B) William Logan  
(C) C.P Ramaswami Iyyer (D) P.N.G Unnithan
44. The 'Kochi Pulaya Maha Sabha' was founded in 1913 under whose leadership ?
- (A) K. P Karuppan (B) Ayyankali  
(C) Sahodaran Ayyappan (D) Kumaran Asan
45. Name the first travelogue in malayalam :
- (A) Vedatarkam (B) Varthamana Pusthakam  
(C) Leelathilakam (D) Chaturvarnyam
46. Who is known as Kafir ?
- (A) Kalathingal Muhammed (B) Thycad Ayya  
(C) Vakkom Moulavi (D) Kumara Guru

47. Perambadi Ghat gives access to which place ?  
 (A) Tirunelveli (B) Madurai (C) Coorg (D) Nilgiri
48. The megalithic site of Cheramanagad is locally known as :  
 (A) Chovannur (B) Kattakambal  
 (C) Kodakkal (D) Kudakalluparambu
49. Hippalus the founder of south west monsoon was a pilot from which country ?  
 (A) Rome (B) China (C) Egypt (D) Greece
50. Chenthuruni wild life sanctuary is a part of which forest ?  
 (A) Konni (B) Kulathupuzha (C) Chimmuni (D) Chittar
51. Which is the largest city on the banks of Godavari ?  
 (A) Allahabad (B) Prayag (C) Patna (D) Rajamundri
52. India has largest border with which country ?  
 (A) Pakistan (B) China (C) Bangladesh (D) Nepal
53. Who is popularly known as 'Lokahitawadi' ?  
 (A) Bal Gangadhar Tilak (B) Gopal Hari Deshmukh  
 (C) Sarojani Naidu (D) Gandhiji
54. The Rani of Jhansi had died in the battle field on :  
 (A) 17 June 1858 (B) 17 June 1857 (C) 18 June 1858 (D) 18 June 1857
55. Who was the first muslim president of Indian National Congress ?  
 (A) Muhammad Ali Jinnah (B) Abdul Kalam Azad  
 (C) Badaruddin Tayyabji (D) Khan Abdul Khafar Khan
56. 'Tatvabodhini Patrika' promoted the study of India's past, in which language ?  
 (A) Bengali (B) Gujarathi (C) Marathi (D) English

57. What is the name of Mount Everest in Nepal ?  
(A) Arganyoma (B) Sapthasindhu (C) Sagarmadha (D) Poorvachal
58. How many districts are there in India according to 2011 census ?  
(A) 648 (B) 640 (C) 593 (D) 650
59. The first Indian meteorological observatory was set up at which place ?  
(A) Madras (B) Mumbai (C) Calcutta (D) Delhi
60. Who was the leader of Chittagong armoury raid ?  
(A) B.K Dutt (B) Surya Sen (C) Sachin Sanyal (D) Bhagat Singh
61. Supreme Court Judges retire at the age of \_\_\_\_\_.  
(A) 62 (B) 65 (C) 70 (D) 72
62. Public Information officer is expected to reply within \_\_\_\_\_ hours if the life and liberty of the person is involved :  
(A) 48 (B) 24 (C) 72 (D) 20
63. National Mission for Justice delivery and legal reforms in India was set up in the year \_\_\_\_\_.  
(A) Aug 2009 (B) Aug 2010 (C) Aug 2011 (D) Aug 2012
64. Sexual harassment at work place Act was passed in the year \_\_\_\_\_.  
(A) 2012 (B) 2013 (C) 2014 (D) 2015
65. The reports of the Comptroller and Auditor General is examined by \_\_\_\_\_ committee in the Parliament.  
(A) Public Undertakings (B) Estimates  
(C) Public Accounts (D) Privileges
66. National Human Rights Commission in India was set up in the year \_\_\_\_\_.  
(A) 1990 (B) 1992 (C) 1993 (D) 1994

67. Right to Education comes under the Act \_\_\_\_\_.  
 (A) 44 (B) 46 (C) 21 (D) 21 A
68. 'A Vindication of the Rights of Women' is written by \_\_\_\_\_.  
 (A) Thomas Paine (B) Edmund Burke  
 (C) Giuseppe Mazzini (D) Mary Wollstonecraft
69. The Institution Lokayukta was created for the first time by the State of \_\_\_\_\_.  
 (A) Maharashtra (B) Orissa (C) Rajasthan (D) Uttar Pradesh
70. A special interim report on 'Problem of Redressal of Grievances' was submitted by ARC headed by \_\_\_\_\_.  
 (A) Lal Bahadur Sastri (B) Indira Gandhi  
 (C) Morarji Desai (D) Narasimha Rao
71. Neither my brother nor my parents \_\_\_\_\_ to the party.  
 (A) has come (B) have come (C) is coming (D) has been coming
72. As to books and films, I prefer the \_\_\_\_\_ to entertain myself.  
 (A) latest (B) later (C) last (D) latter
73. The girl was wearing \_\_\_\_\_ yellow frock with red frills at the cuffs.  
 (A) a (B) an (C) the (D) all
74. Most of the film stars have a passion \_\_\_\_\_ fashion.  
 (A) at (B) to (C) in (D) for
75. Mr. George asked her why she \_\_\_\_\_ for yesterday's presentation ?  
 (A) did not prepare well (B) had not prepared well  
 (C) have not prepared well (D) do not prepare well
76. The Royal Group of hotels have a unique collection of imported \_\_\_\_\_.  
 (A) furniture (B) furnitures (C) furnituress (D) furniture's



77. One who walks in the streets and sells small articles is a \_\_\_\_\_.  
(A) peddler (B) pedestrian (C) draper (D) pedlar
78. The meaning of the idiom "parish pumps" is \_\_\_\_\_.  
(A) charity (B) local politics (C) sacred offerings (D) state of alarm
79. Among my friends, Deepak and Varun are bold, but all others are \_\_\_\_\_.  
(A) gallant (B) valiant (C) timid (D) courageous
80. The \_\_\_\_\_ of Anne Frank is a classic work that depicts the callousness of the Holocaust.  
(A) Diary (B) Dairy (C) Diery (D) Diarey
81. Name the scheme that was launched in 2000 to provide foodgrains at subsidised rates :  
(A) Antyodaya Anna Yojana (B) National food for work programme  
(C) Indira Awaas Yojana (D) Sampoorna Grameen Rojgar Yojana
82. Name the Prime Minister who launched Bharath Nirman Yojana.  
(A) Narendra modi (B) Dr. Manmohan Singh  
(C) A. B. Vajpayee (D) Narasimha Rao
83. What is the objective of Indira Awaas Yojana ?  
(A) To provide additional wage employment in rural areas and also to provide food security.  
(B) To provide connectivity to all unconnected habitations in the rural areas  
(C) To provide financial assistance to rural poor for construction and upgradation of houses for B.P.L.  
(D) To create employment in constructing production projects.
84. Which of the following scheme is launched to facilitate the construction and upgradation of dwelling units for the slum dwellers and provide community toilets for them ?  
(A) Sampoorna Grameen Rojgar Yojana.  
(B) Bharath Nirman Yojana.  
(C) Antyodaya Anna Yojana.  
(D) Valmiki Ambedkar Awaas Yojana.

85. In which year was ICDS launched ?
- (A) December 16, 2005 (B) November 14, 2004  
(C) January 26, 1993 (D) October 2, 1975
86. Expand the acronym RLEGP :
- (A) Regional Landless Employment Guarantee Programme.  
(B) Rural Labour Employment Guarantee Programme.  
(C) Rural Landless Employment Guarantee Programme.  
(D) Regional Labour Employment Guarantee Programme.
87. The State Poverty Eradication Mission of the government of Kerala popularly known as :
- (A) Janasree (B) Kudumbasree  
(C) Ayalkoottam (D) The Mid Day Meal Scheme
88. Pradhan Manthri Adarsh Gram Yojana is implemented by :
- (A) Ministry of Rural Development (B) Ministry of Women and Child Development  
(C) Ministry of Minority affairs (D) Ministry of Public Health and Development
89. The IRDP has been merged in newly introduced scheme namely :
- (A) Indira Awaas Yojana (B) Jawahar Rojgar Yojana  
(C) Jawahar Gram Samridhi Yojana (D) Swarna Jayanthi Gram Swarojgar Yojana
90. Which of the schemes was introduced in the golden jubilee year of independence and is operational since December 1, 1997 ?
- (A) Swarna Jayanthi Gram Swarojgar Yojana  
(B) Sampoorna Grameen Rojgar Yojana  
(C) Swarna Jayanthi Shahari Rojgar Yojana  
(D) Samagra Awaas Yojana

91. Any electronic signature or electronic authentication technique shall be considered reliable :
- (A) If the signature creation data or the authentication data are, within the context in which they are used, linked to the signatory or, as the case may be, the authenticator and of no other person
  - (B) If the signature creation data or the authentication data were, at the time of signing, under the control of the signatory or, as the case may be, the authenticator and of no other person
  - (C) If any alteration to the information made after its authentication by electronic signature is detectable
  - (D) All the above
92. Which among the following is a malware programme that replicates itself in order to spread to other computers ?
- (A) Computer virus
  - (B) Computer worm
  - (C) Trojan
  - (D) Rootkit
93. The act of creating misleading websites for the purpose of online identity theft is called :
- (A) Spoofing
  - (B) Phishing
  - (C) Cheating
  - (D) Hacking
94. Which of the following is NOT a requirement for operating wi-fi network ?
- (A) Wireless router
  - (B) Transponders
  - (C) Antenna
  - (D) Wireless adapter
95. The activity of creating sectors and tracks on a hard disk is called :
- (A) Tracking
  - (B) Sectoring
  - (C) Plattering
  - (D) Formatting
96. The Indian Computer Emergency Response Team serves as :
- (A) The National Nodal Agency in respect of Critical Information Infrastructure Protection
  - (B) The Cyber Regulations Advisory Authority
  - (C) The National Agency for incident response
  - (D) None of the above

97. What is the function of the control unit in the CPU ?
- (A) To transfer data to primary storage      (B) To store program instructions  
(C) To perform logic functions              (D) To decode program instructions
98. Gnu Privacy Guard (GPG) is :
- (A) An intrusion detection system  
(B) A cryptographic protocol providing communications security over the internet  
(C) A firewall  
(D) A cryptographic software which provides for key-based asymmetric cryptography for encryption and authentication
99. Which of the following is used for e-mail transmission across internet ?
- (A) SMTP              (B) IMAP              (C) POP              (D) FTP
100. Securing or attempting to secure access to a protected system in contravention of section 70 of the Information Technology Act is an offence which is :
- (A) Non-cognizable, bailable and punishable with imprisonment for a term which may extend to two years  
(B) Cognizable, Non-bailable and punishable with imprisonment for a term which may extend to ten years  
(C) Cognizable, bailable and punishable with imprisonment for a term which may extend to three years  
(D) Non-cognizable, Non-bailable and punishable with imprisonment for a term which may extend to ten years

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