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- One fifth of a number is 76: what will be 15% of that number?
 (a) 48 (b) 57
 (c) 62 (d) 74
- The tap X will open tank will fill in 1 hour. Tap B will open tank will fill in $1\frac{1}{4}$ hrs. When outlet will open tank will emptied in 50 minutes. All taps are opened simultaneously how much time will take to fill the tank?
 (a) 40 min
 (b) 1 hr 40 min
 (c) 1 hr 30 min
 (d) 50 min
- $\frac{5.436 \times 0.12}{0.05436 \times 0.3} =$
 (a) 4 (b) 12
 (c) 40 (d) 400
- The differance in selling price of a radio at gains of 10% and 15% is Rs. 80. Find the price of the radio?
 (a) 1600 (b) 2400
 (c) 3100 (d) 2750
- A man takes 14 hours for a journey, half of the distance he covered at the rate of 60 km/hr and remaining distance at the rate of 45 km/hr. The total distance he travelled is
 (a) 360 km
 (b) 540 km
 (c) 720 km
 (d) 810 km
- The number obtained by interchanging the digits of a two digit number is less than the original number by 63. If the sum of the digits of the number is 11, what is the original number?
 (a) 29
 (b) 92
 (c) 97
 (d) 27
- If $a = (\frac{1}{10})^2$, $b = \frac{1}{5}$ and $c = \sqrt{\frac{1}{100}}$, then which of the following statement is correct:
 (a) $a < b < c$
 (b) $a < c < b$
 (c) $b < c < a$
 (d) $c < a < b$
- If a, b, c, d, e are five consecutive odd numbers, their average is
 (a) $\frac{abcde}{5}$
 (b) $5(a+4)$
 (c) $5(a+b+c+d+e)$
 (d) None of these
- In an alloy the ratio of copper and zinc is 5:2. If 1.250 kg of zinc is mixed in 17kg 500gm of alloy, then the ratio of copper and zinc will be
 (a) 3:2 (b) 1:2
 (c) 2:1 (d) 2:3
- x, y and z can do a work in 8, 16 and 24 days respectively. They all begin together. X continuous to work till it is finished, z left after 2 days and Y one day before its completion. In what time is the work finished?
 (a) $5\frac{2}{9}$ days (b) $3\frac{2}{9}$ days
 (c) $7\frac{1}{9}$ days (d) $8\frac{1}{9}$ days
- Next term in the series is 0, 6, 24, 60, 120, 210,
 (a) 336 (b) 504
 (c) 240 (d) 290
- Dog : Bark :: Goat:
 (a) Howl
 (b) Bleet
 (c) Bray
 (d) Grant
- $d = \beta F 2 * K S 7 5 \# \$ P L V 8 @ M U E 6 \uparrow Q G \odot 9 3 \& T Y \pounds$
 How many such letters are there in the arrangement each of which is either immediately proceeded by a symbol or immediately followed by a number but not both
 (a) 4 (b) 6
 (c) 7 (d) 8
- I am facing south. I turn right and walk 20 m. Then I turn right again and walk 10m. Then I turn left and walk 10 m and turning right walk 20m. Then I turn right again and walks 60 m. In which direction am I from the Starting point?
 (a) North-west
 (b) North
 (c) North- East
 (d) East
- If the letters in the UNDERTAKING are arranged in the alphabetical order, which one will be in the middle in order after the

rearrangement?

- (a) N (b) I
(c) G (d) K
16. Biju ranked sixteenth from the top and twenty ninth from the bottom among those who passed an examination. Six boys didnot participate in the competition and five failed in it. How many boys were there in the class
(a) 48 (b) 52
(c) 55 (d) 64
17. ADH, BEI, CFJ, _____
(a) DGK (b) DHK
(c) DGL (d) DHL
18. What was the day of the week on 4th June 2002?
(a) Sunday
(b) Monday
(c) Tuesday
(d) Wednesday
19. How many time is 9 preceded by either 6 or 1 and followed by either 5 or 8 in the following series 895176982198435913695
(a) 2 (b) 3
(c) 4 (d) 5
20. Pointing towards Indu, Sharon said: "I am the only son of her mother's son". How is Indu related to sharon?
(a) Niece
(b) Mother
(c) Cousin
(d) Aunt
21. Match List I and List II and select the correct answer using the code given below the lists:
- | List I | List II |
|-----------------------|---|
| (Air Pollutant) | (Effect) |
| A. Chlorofluorocarbon | 1. Acid Rain |
| B. Sulphur dioxide | 2. Depletion of ozone layer in the atmosphere |
| C. Lead Compound | 3. Harmful for human nervous system |
| D. Carbon dioxide | 4. Topmost contribution to greenhouse effect |
- Code:
(a) A-4 B-3 C-1 D-2
(b) A-4 B-1 C-3 D-2
(c) A-2 B-1 C-3 D-4
(d) A-2 B-3 C-1 D-4
22. 'Ponnaryan' is a variety of:
(a) Wheat
(b) Paddy
(c) Pepper
(d) Rubber
23. If we sprinkle common salt on Earth worm,

it dies due to:

- (a) Osmotic shock
(b) Respiratory failure
(c) Toxic effect of salt
(d) Closure of pores of skin
24. Which one of the following is given to a typical patient of common typhoid?
(a) Chloroquine
(b) Vitamin A
(c) Chloromycetin
(d) Sulphur
25. The substance that can be used as a hypnotic:
(a) Monosodium glutamate
(b) Ethyl Benzoate
(c) Barbituric acid
(d) Tartaric acid
26. Which property of copper and aluminium makes them suitable for making cooking utensils and boilers?
(a) High melting point
(b) High electrical conductivity
(c) Low thermal conductivity
(d) High thermal conductivity
27. A person can swim comfortable in water. This is due to:
(a) Archimedes Principle
(b) Pascal's Law
(c) Newton's third law
(d) None of these
28. The temperature below which the water vapour in a volume of humid air at a constant barometric pressure will condense into liquid water, is called:
(a) Dew Point
(b) Karman line
(c) Frost point
(d) None of these
29. Potassium permanganate is used to purify water. Which among the following properties of it helps in this action?
(a) Reducing
(b) Oxidising
(c) Sterilizing
(d) Leaching
30. Tea will cool most easily in:
(a) Clay cup
(b) Metal cup
(c) Porcelain cup
(d) Glass cup
31. Who authored the novel 'Lincoln in the Bardo' which fetched the 2017 Man Booker Prize?
(a) Kazuo Ishiguro
(b) George Saunders
(c) Vikram Seth

- (d) Salman Rushdie
32. Which port is named after Deen Dayal Upadhyaya?
 (a) Kandla
 (b) Ennore
 (c) Port Blair
 (d) Visakhapatnam
33. Who among the following won the latest Vayalar Award?
 (a) K.P. Ramanunni
 (b) Subhash Chandran
 (c) T.D. Ramakrishnan
 (d) K.R. Meera
34. Which country has announced its withdrawal from Paris-based United Nations Scientific and Cultural Organisation (UNESCO), UN's cultural agency accusing the body of anti Israel bias?
 (a) Canada
 (b) Japan
 (c) Belgium
 (d) U.S.A.
35. The indigenously designed and developed long range sub-sonic cruise missile that was fired from test range at Chandipur, Odisha recently:
 (a) Thejas
 (b) Surya
 (c) Nirbhay
 (d) Mundra
36. Consider the following pairs:
 1. Dampa Tiger Reserve : Mizoram
 2. Gumti Wild Life Sanctuary: Sikkim
 3. Saramati Peak: Nagaland
 Which of the above pairs is/are correctly matched?
 (a) 1 only
 (b) 2 and 3 only
 (c) 1 and 3 only
 (d) 1,2 and 3
37. The oldest inhabitants of India are considered to be:
 (a) Negritoes
 (b) Mediterranean
 (c) Mongoloids
 (d) Indo-Aryans
38. The mountain range between Narmada and Tapi:
 (a) Karakoram
 (b) Patkai
 (c) Aravalli
 (d) Satpura
39. The most suitable soil for the cultivation of rice:
 (a) Cotton soil
 (b) Laterite soil
 (c) Alluvial soil
 (d) Forest soil
40. What is the most important characteristic of the islands (Indian) located in the Arabian Sea?
 (a) They are all very small in size
 (b) They are all of coral origin
 (c) They have a very dry climate
 (d) They have extended parts of the main land
41. Which among the following was the reason of the resignations of the Indian ministers in all the provinces in the year 1939?
 (a) The Governors refused to act as Constitutional heads
 (b) The Centre did not provide the required financial help to provinces
 (c) The Governor General converted Indian administration from federal to unitary one because of the beginning of Second World War
 (d) India was declared a party to the Second World War without the consent of provincial governments
42. Who was the Viceroy when Queen Victoria was declared as the Empress of India in 1877?
 (a) Lytton
 (b) Dufferin
 (c) Curzon
 (d) Reading
43. Who laid the foundation of the Indian Patriotic Association in 1888?
 (a) Aga Khan
 (b) Khan Abdul Ghaffar Khan
 (c) Nawab Abdul Latif
 (d) Syed Ahmed Khan
44. "Increasing association of Indians in every branch of the administration and the gradual development of self-governing institutions with a view to the progressive realization of responsible government in India as an integral part of the British Empire". The above statement is known as -----?
 (a) Montague declaration
 (b) August Offer
 (c) Queen Victoria's Proclamation
 (d) None of these
45. The mutiny of 1857 failed because:
 (a) The British have powerful arms
 (b) The British outnumbered the Indians
 (c) Of the lack of proper planning and leadership
 (d) It was premature
46. Consider the following statements:

1. The judges of High Court are appointed by the Governor of the State concerned.
2. The Speaker of the State Assembly is appointed by the Chief Minister of the State concerned.

Which of the statements given above are correct?

- (a) 1 only
 - (b) 2 only
 - (c) both 1 and 2
 - (d) Neither 1 nor 2
47. The prescribed fee to seek information under the Right Information Act:
 - (a) Rs.5
 - (b) Rs.10
 - (c) Rs.25
 - (d) Rs.50
 48. Which one of the following Act is not passed by the joint session of the Indian Parliament?
 - (a) Dowry Prohibition Act
 - (b) Banking Service Commission Repeal Bill
 - (c) Prevention of Terrorist Activities Act
 - (d) Anti Defection Act
 49. Select the correct order of Indian table of precedence:
 1. President 2. Prime Minister 3. Governor 4. Vice President
 - (a) 1,2,3,4
 - (b) 1,4,2,3
 - (c) 1,3,2,4
 - (d) 1,2,4,3
 50. What can the President do if a State fails to comply with the Directives of Central Government?
 - (a) He can dissolve state legislature and order fresh elections
 - (b) He can declare the breakdown of constitutional machinery in the state and assume responsibility for the government of the state
 - (c) He can send paramilitary forces to the state to secure compliance
 - (d) Any of the above
 51. The year in which Sree Narayana Guru gave the message 'One caste, one religion, one God for man' at a conference held at 'Adwaithasramam'-. Aluva:
 - (a) 1923
 - (b) 1924
 - (c) 1925
 - (d) 1926
 52. Who was the first president of Nair service Society formed in 1914 as 'Nair Bhrithyajana Sangham'?
 - (a) Mannathu Padmanabhan
 - (b) K. Kelappan
 - (c) Paramu Pillai
 - (d) K.P. Kesavamenon
 53. Who was called the 'Lincoln of Kerala'?
 - (a) Kumaranasan
 - (b) Chattampi Swamikal

- (c) Vagbhatananda
- (d) Pandit Karuppan
54. Who started the publication of a journal called 'Abhinava Kerala'?
 - (a) Kumaranasan
 - (b) Vagbhatananda
 - (c) V.T. Bhattathirippad
 - (d) K. Kelappan
55. The place where Ayyankali started a school for the depressed classes in 1904:
 - (a) Vizhinjam
 - (b) Varkala
 - (c) Kollam
 - (d) Venganur
56. The places connected by the first railway line in Kerala:
 - (a) Kollam-Thirunelveli
 - (b) Kozhikode-Mangalore
 - (c) Palakkad-Coimbatore
 - (d) Tirur-Beyppore
57. The headquarters of Water Transport in Kerala:
 - (a) Thiruvananthapuram
 - (b) Kollam
 - (c) Kochi
 - (d) Alappuzha
58. Who pointed out the importance of Thattekkad for the first time which became a sanctuary in 1983?
 - (a) K.K. Neelakantan
 - (b) Salim Ali
 - (c) Sugathakumari
 - (d) None of these
59. Mayyazhi was liberated from the French rule in:
 - (a) 1954
 - (b) 1955
 - (c) 1956
 - (d) 1957
60. Whose memorial is situated at Kotayi in Palakkad district?
 - (a) Poonthanam
 - (b) Chembai Vaidhyanaatha Bhagavathar
 - (c) Ezhuthachan
 - (d) Kunchan Nambiar
61. Which component of the mother board links CPU with the other parts of computer?
 - (a) System bus
 - (b) Input Unit
 - (c) Primary Memory
 - (d) ALU
62. What do you need to have a dial up internet connection?
 - (a) Internet account with ISP
 - (b) Telephone line

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- (c) Computer with modem
(d) All of the above
63. 1 MB Stands for?
(a) 1024 bits
(b) 1024 GB
(c) 1024 KB
(d) 1024 Bytes
64. India passed the IT Act 2000 and notified it for effectiveness on:
(a) 2000 May 17
(b) 2000 June 9
(c) 2000 July 9
(d) 2000 October 17
65. ----- refers to a code of safe and responsible behavior for the internet community:
(a) Cyber crime
(b) Cyber Literacy
(c) Cyber Ethics
(d) None of the above
66. The most important reason for decrease in bio-diversity is:
(a) Habitat destruction
(b) Over exploitation
(c) Introduction of exotic species
(d) Habitat pollution
67. Considering climate change, increased global temperatures causes the
(a) desertification
(b) destruction of human settlements
(c) destruction of infrastructure
(d) endangering of species
68. Renovating and reusing old computers and properly recycling of unwanted computers known as:
(a) Green Disposal
(b) Fire walls
(c) Green Use
(d) Green Computing
69. BOD stands for
(a) biotic oxidation demand
(b) biological oxidation demand
(c) biological oxygen demand
(d) biochemical oxygen demand
70. The largest producer of e-waste in India
(a) Tamil Nadu
(b) Uttar Pradesh
(c) Maharashtra
(d) Andhra Pradesh
- Select the correct answer in each case:
71. He has been awarded ---- honorary doctorate degree by Harvard University.
(a) an
(b) the
(c) a
(d) some
72. 'Some' and 'sum' is an instance of ----
(a) acronym
(b) homonym
(c) homophone
(d) synonym
73. He ---- the same job for the last ten years.
(a) is doing
(b) has been doing
(c) had done
(d) did
74. He does not like anybody meddling ---- his affairs.
(a) in
(b) into
(c) on
(d) with
75. 'Tryst with Destiny' was a ----- speech delivered by Nehru on the eve of India's Independence.
(a) historical
(b) historic
(c) histrionic
(d) hysterical
76. In which part of the sentence is the error?
(a) We asked him
(b) to explain everything
(c) in details.
(d) No error
77. There --- a pen and a pencil on the table.
(a) are
(b) has been
(c) is
(d) is being
78. There ----- a number of accidents at this place.
(a) has been
(b) have been
(c) is
(d) are
79. Complete the sentence:
It is forbidden for anyone -----
(a) from smoking in the cathedral.
(b) for smoking in the cathedral.
(c) against smoking in the cathedral.
(d) to smoke in the cathedral.
80. He was so ill that he could ----- lift his hand.
(a) hardly
(b) hard
(c) barely
(d) scarcely
81. She is --- changed from what she used to be.
(a) very
(b) much
(c) more
(d) most
82. Some passengers ---- no attention to the

instructions given by the air hostess.

- (a) gave
- (b) did
- (c) paid
- (d) made

83. The thief ---- to disclose where he had hidden the jewels.

- (a) denied
- (b) did not
- (c) deferred
- (d) refused

84. That man is so ---- that he can touch the ceiling.

- (a) high
- (b) tall
- (c) higher
- (d) taller

85. The sick person --- on the bed.

- (a) lie
- (b) lied
- (c) lay
- (d) laid

86. Having failed in business, he ----- drinking.

- (a) took up
- (b) took on
- (c) took over
- (d) took to

87. He left no stone unturned to get the post.

'Left no stone unturned' means

- (a) made no effort
- (b) made all efforts
- (c) did nothing
- (d) paid no bribe

88. The opposite of 'pragmatic' is

- (a) theoretical
- (b) mundane
- (c) idealistic
- (d) practical

89. The word nearest in meaning to the word

'judicious' is

- (a) legal
- (b) illogical
- (c) impractical
- (d) wise

90. Identify the word incorrectly spelt:

- (a) mercenary
- (b) reconnaissance
- (c) intolerance
- (d) hypocrisy

91. ശരിയായ പദം ഏത്

- (a) അഭിവാഞ്ച
- (b) അഭിവാജ്ഞ
- (c) അഭിവാഞ്ചര
- (d) അഭിവാച്യ

92. തേന്മാവിന്റെ പര്യായം അല്പാത്ത പദം

- (a) മാകനം
- (b) രസാലം
- (c) മകരനം
- (d) ചൂതം

93. ആവിർഭാവം എന്ന പദത്തിന്റെ വിപരീതം

- (a) പുരോഭാവം
- (b) തിരോഭാവം
- (c) അസ്തമയം
- (d) പ്രാദുർഭാവം

94. പൈതൃകം എന്ന പദത്തിന്റെ വിഗ്രഹാർത്ഥം

- (a) പിതാവിന്റെ അവസ്ഥ
- (b) പിതാവിനെ സംബന്ധിച്ച
- (c) പിതാവിൽ നിന്ന് ആർജിച്ച സ്വത്ത്
- (d) പിതാവിന്റെ ഭാവം

95. സുഹൃദ്യലയം-എന്ന പദം പിരിച്ചെഴുതുന്നത്

- (a) സുഹൃദ് + വലയം
- (b) സൗഹൃദ + വലയം
- (c) സുഹൃത് + വലയം
- (d) സുഹൃത്വ + വലയം

96. രാഷ്ട്രപിതാവിന്റെ പൂർണ്ണകായ പ്രതിമ ചെയ്തു. വിട്ടുപോയ ഭാഗം പൂരിപ്പി കുവാൻ ഉചിതമായ പദം

- (a) അനാച്ഛാദനം
- (b) അനുധാവനം
- (c) അനാവരണം
- (d) അനാവൃതം

97. ശരിയായ പ്രയോഗം ഏത്

- (a) ബാങ്ക് ദേശവത്കരണം
- (b) ബാങ്ക് ദേശീകരണം
- (c) ബാങ്ക് ദേശസാത്കരണം
- (d) ബാങ്ക് ദേശവത്കരണം

98. ശരിയായ വാക്യം ഏത്

- (a) ഗാന്ധിജിയെ ലോകം മുഴുവൻ സത്യവാദി എന്നറിയപ്പെടുന്നു.
- (b) ലോകം മുഴുവൻ ഗാന്ധിജിയെ സത്യവാദിയായി അറിയപ്പെടുന്നു.
- (c) ഗാന്ധിജി ലോകം മുഴുവൻ സത്യവാദി എന്നറിയുന്നു.
- (d) സത്യവാദിയായി ലോകം മുഴുവൻ ഗാന്ധിജിയെ അറിയുന്നു.

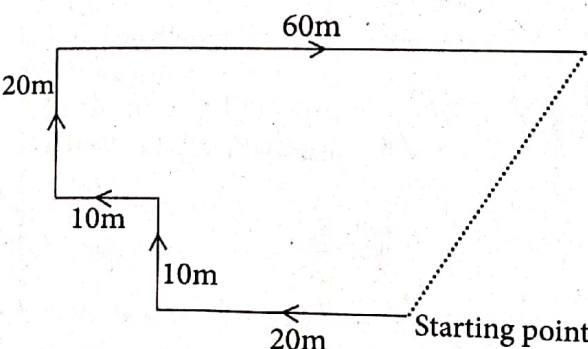
99. You should be more punctual എന്നതിന്റെ മലയാള പരിഭാഷ

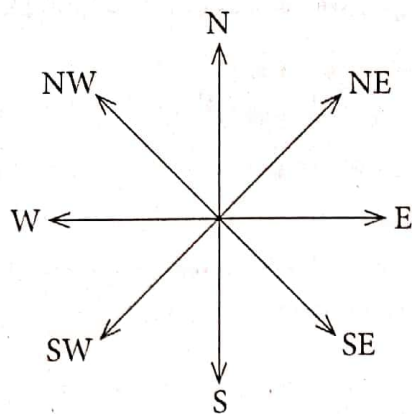
- (a) നിങ്ങൾ വളരെ കൃത്യനിഷ്ഠ പാലിക്കണം.
- (b) നിങ്ങൾ കുറച്ചുകൂടി സമയനിഷ്ഠ പാലിക്കണം.
- (c) നിങ്ങൾ ഹാജരിൽ കുറച്ചുകൂടി കൃത്യനിഷ്ഠ പാലിക്കണം.
- (d) നിങ്ങൾ കുറച്ചുകൂടി കൃത്യനിഷ്ഠ പാലിക്കാൻ ശ്രമിക്കണം.

100. Charity begins at home എന്ന അർത്ഥം വരാത്ത പഴഞ്ചൊല്ല്

- (a) അത്താഴം മുടക്കി പത്തായം നിറയ്ക്കരുത്.
- (b) നാടുമറന്നാലും മൂടുമറക്കരുത്.
- (c) ഇല്ലം മുടക്കി ചാത്ത (ശ്രാദ്ധം) മുട്ടരുത്.
- (d) തേവരെ വിറ്റ് ഉത്സവം ഘോഷിക്കരുത്.

Answers with Explanation

1. (b)
 x be the number
 $\frac{1}{5}x = 76$
 $x = 76 \times 5 = 380$
 $15\% \text{ of } x = 380 \times \frac{15}{100} = 57$
2. (b)
 If a pipe fills a tank in x hrs another fills the same tank in y hrs but a third one empties the full tank in z hrs and all of them are opened together then the time taken to fill the tank = $\frac{xyz}{yz+xz-xy}$ hrs
 $x=60$ minute, $y=75$ minute, $z=50$ minute
 $\frac{xyz}{yz+xz-xy} = \frac{60 \times 75 \times 50}{75 \times 50 + 60 \times 50 - 60 \times 75} = \frac{60 \times 75 \times 50}{2250}$
 $= 100 \text{ minutes} = 1 \text{ hr } 40 \text{ minute}$
3. (c)
 $\frac{5.436 \times 0.12}{0.05436 \times 0.3} = \frac{5.436 \times 100000 \times 0.12 \times 10}{0.05436 \times 100000 \times 0.3 \times 10}$
 $= \frac{543600 \times 1.2}{5436 \times 3}$
 $= 100 \times 0.4 = 40$
4. (a)
 $90\% \text{ of CP} - 85\% \text{ of CP} = 80$
 $5\% \text{ of CP} = 80$
 $\text{CP} = \frac{80 \times 100}{5} = 1600$
5. (c)
 $\text{Average speed} = \frac{2xy}{x+y} = \frac{2 \times 60 \times 45}{60+45} = \frac{2 \times 60 \times 45}{105}$
 $\text{Total time taken} = 14 \text{ hrs.}$
 $\text{Total distance} = \text{Average speed} \times \text{Time}$
 $= \frac{2 \times 60 \times 45}{105} \times 14 = 720 \text{ km}$
6. (b)
 $\text{The number is } 10x+y$
 $10x+y-(10y+x) = 63$
 $9x-9y = 63$
 $x-y = 7$
 $x+y = 11$
 $2x = 18$
 $x = \frac{18}{2} = 9$
 $y = 2$
 $\text{Required number is } 10 \times 9 + 2 = 92$
7. (b)
 $a = \left(\frac{1}{10}\right)^2 = \frac{1}{100} = 0.01$
 $b = \frac{1}{5} = 0.2$
 $c = \sqrt{\frac{1}{100}} = \sqrt{0.01} = 0.1$
 $0.01 < 0.1 < 0.2$
 $a < c < b$
8. (d)
 $\text{Suppose } a = 2x - 5, b = 2x - 3, c = 2x - 1$
 $d = 2x + 1, e = 2x + 3$
- Average = $\frac{2x-5+2x-3+2x-1+2x+1+2x+3}{5}$
 $= \frac{10x-5}{5} = 2x - 1 = c$
9. (c)
 $\text{Amount of copper} = \frac{5}{7} \times 17.5 = 12.5 \text{ kg}$
 $\text{Amount of zinc} = \frac{2}{7} \times 17.5 = 5 \text{ kg.}$
 $\text{Now, the amount of zinc} = 5 + 1.25 = 6.25 \text{ kg}$
 $\text{Required ratio} = 12.5 : 6.25$
 $= 2 : 1$
10. (a)
 $\text{Let the work he finished in 'a' days.}$
 $\text{Then } \frac{a}{8} + \frac{a-1}{16} + \frac{2}{24} = 1$
 $\frac{6a+3(a-1)+4}{48} = 1$
 $\frac{6a+3a-3+4}{48} = 1$
 $9a+1 = 48$
 $9a = 47$
 $a = \frac{47}{9} = 5 \frac{2}{9} \text{ days}$
11. (a)
 $0 \rightarrow 1^3 - 1$
 $6 \rightarrow 2^3 - 2$
 $24 \rightarrow 3^3 - 3$
 $60 \rightarrow 4^3 - 4$
 $120 \rightarrow 5^3 - 5$
 $210 \rightarrow 6^3 - 6$
 $\text{Next term} = 7^3 - 7$
 $= 343 - 7 = 336$
12. (b)
 $\text{Second is the noise produced by the first}$
13. (d)
 $\delta = \beta F 2 * \boxed{K} \boxed{S} 7 5 \# \$ \boxed{P} \boxed{L} \boxed{V} \boxed{S} @ \boxed{M} \boxed{U} \boxed{E} 6$
 $\uparrow \boxed{\Phi} \boxed{G} \odot 9 3 4 \boxed{T} Y \pounds$
 $\text{there are 8 such letters}$
14. (c)




15. (d)

A D E G I **K** N N R T U

16. (c)

Number of boys in the line = $15 + 1 + 28 = 44$
Total number of boys in the class = $44 + 6 + 5 = 55$

17. (a)

A _{↓+1}	D _{↓+1}	H _{↓+1}
B _{↓+1}	E _{↓+1}	I _{↓+1}
C _{↓+1}	F _{↓+1}	J _{↓+1}
D	G	K

18. (c)

4th June 2002 = 2001 year + period from
1.1. 2002 + 4. 6. 2002
Odd days in 1600 years = 0
Odd days in 400 years = 0
Odd days in 1 ordinary year = 1
Odd days in 2001 years = $0 + 0 + 1 = 1$
January - 31
February - 28
March - 31
April - 30
May - 31

June - 4

Total 155 days = 22 weeks + 1 day → 1 odd day

Total number of odd days = $1 + 1 + 2$

∴ Required day is Tuesday

19. (b)

8 9 5 1 7 6 9 8 2 1 9 8 4 3 5 9 1 3 6 9 5

20. (d)

Indu's Mother's son - Indu's brother. So Sharon is the son of Indu's brother or Indu is Sharon's aunt

Answers

1.(b)	2.(b)	3.(c)	4.(a)	5.(c)
6.(b)	7.(b)	8.(d)	9.(c)	10.(a)
11.(a)	12.(b)	13.(d)	14.(c)	15.(d)
16.(c)	17.(a)	18.(c)	19.(b)	20.(d)
21.(c)	22.(b)	23.(a)	24.(c)	25.(c)
26.(d)	27.(c)	28.(a)	29.(b)	30.(b)
31.(b)	32.(a)	33.(c)	34.(d)	35.(c)
36.(c)	37.(a)	38.(d)	39.(c)	40.(b),
41.(d)	42.(a)	43.(d)	44.(a)	45.(c),
46.(d)	47.(b)	48.(d)	49.(b)	50.(b)
51.(b)	52.(b)	53.(d)	54.(b)	55.(d),
56.(d),	57.(d)	58.(b)	59.(a)	60.(b)
61.(a)	62.(d)	63.(c)	64.(d)	65.(c)
66.(a)	67.(a)	68.(a)	69.(c)	70.(c)
71. (a)	72. (c).	['Homophone' means 'a word pronounced like another word but with a different meaning or spelling']		
73. (b)	74. (a)	75. (b)	76. (c): in detail,	
77. (c)	78. (b)	79. (d)	80. (a)	81. (b)
82. (c)	83. (d)	84. (b)	85. (c)	86. (d)
87. (b)	88. (c)	89. (d)	90. (b)	91. (c)
92. (c)	93. (b)	94. (b)	95. (c)	96. (c)
97. (c)	98. (c)	99. (b)	100. (b)	

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