

7. The hotel management had the rooms _____.

- ☒ A. refurbished
- B. refurbish
- C. refurbishing
- D. to refurbish

8. Irfan is confident _____.

- A. to succeed
- B. of succeeding
- ☒ C. on succeeding
- D. for succeeding

9. While many people enjoy observing rituals and customs not _____ their culture, they _____ participating in them.

- A. authorized by ... inspire
- B. widespread to ... avoid
- C. supported in ... overlook
- D. dominant to ... delight
- E. familiar to ... evade

10. The _____ addressees enjoyed the reciter.

- A. giggle
- B. giggler
- C. giggled
- D. giggling

11. The greater the demand _____ the price.

- ☒ A. greater
- B. great
- C. the greater
- D. the grate

12. Unlike gold, paper money has no _____ value; it is merely a representation of wealth.

- A. fiscal
- B. hardened
- C. economic
- ☒ D. inherent
- E. monetary

Select the lettered pair that best expresses a relationship similar to that expressed in the original pair in capitals.

13. PASTOR: CONGREGATION::

- A. shepherd: flock
- B. teacher: faculty
- C. cook: bistro
- D. worker: souk
- E. artist: work

14. VEGETATE: ACTIVE::

- A. battle: compressed
- B. mope: gloomy
- ☒ C. produce: trivial
- D. bother: loathsome
- E. receive: inquisitive

15. PROPONENT: THEORY::

- A. disbeliever: wickedness
- B. traitor: country
- C. supporter: confidence
- ☒ D. lawyer: rule
- E. expert: theory

16. SPECIES: ORGANISM::

- ☒ A. specialty: physician
- B. source: impression
- C. linguistic: stranger
- D. sort: works
- E. personal: lineage

17. TRAP: GAME::

- A. story: writer
- B. net: fish
- C. string: canine
- D. divider: household
- E. drape: window

18.TILED: ROOF::

- A. snowflake: glacier
- B. spine: book
- C. private: hall
- D. carved: window
- E. tent: military

19.DWINDLE: SIZE::

- A. sprint: emotion
- B. subpoena: annexation
- C. lynch: wantonness
- D. declaim: logic
- E. dissipate: strength

20.HUNGRY: FAMISHED::

- A. happy: intense
- B. definite: agreeable
- C. scrupulous: friendly
- D. tired: flawed
- E. widespread: boundless

21.SYNOPSIS: CONDENSED::

- A. digression: repeated
- B. mystery: enticing
- C. excursion: pleasant
- D. antiquity: forgotten
- E. plagiarism: pirated

22.DISCHARGED: SOLDIER::

- A. ablaze: mortar
- B. progressed: pupil
- C. chosen: magistrate
- D. transported: member
- E. cropped: wage

23.CUT: LACERATION::

- A. gardens: dwelling
- B. cut: opening
- C. blade: parting
- D. dump: perforation
- E. carbuncle: swelling

24.APOSTATE: FAITH::

- A. apostle: leader
- B. altruist: literature
- C. defector: allegiance
- D. potentate: religion
- E. patriot: principle

25.BLAME : SCAPEGOAT::

- A. explain : answer
- B. convict : punishment
- C. lionize : hero
- D. appreciate : art
- E. relate : secret

Choose the word or phrase that is most nearly opposite in meaning to the word in capital letters.

26.IMAGINARY:

- A. bizarre
- ☒ B. real
- C. changeable
- D. fanciful

27.DAMAGE:

- A. provision
- B. injure
- ☒ C. guard
- D. evade

28.VIRTUE:

- A. vice
- B. deception
- C. naughtiness
- D. misconduct

29.VICTORY:

- A. conquest
- B. steadiness
- C. achievement
- ☒ D. failure

30.UNWARRANTED:

- A. aberrant
- B. impertinent
- C. facetious
- D. befitting
- E. attentive

31.ERADICATE:

- A. disregard
- ☒ B. undo
- C. burn
- D. familiarize
- E. ulcer

32.LUCIDITY:

- A. gleaming
- B. anonymity
- C. seriousness
- D. pull

33.TIRESOME:

- ☒ A. pleasant
- B. straight
- C. dull
- D. impervious

Questions 34-40 are based on the following passage.

Rebel uprising kills seventy! Plane crash leaves no survivors! Rock star dies of overdose! Evening newscasts and newspapers scream the bad news, the sensational, and the action. Audiences of today focus upon the sensational action, the violence, the loss, the terror. Individually, our lives are redirected, our worlds reshaped, and our images warped. While wary of the danger of change, we human beings surrender daily to exploitation of values, opportunities, and sensitivity. The evolution has brought us to the point that we believe little of what is presented to us as good and valuable; instead, we opt for suspicion and disbelief, demanding proof and something for nothing. Therein lies the danger lurking for the writer seeking to break into the market of today. News reporters sell sensationalism-information as action. The news reporter who loses sight of the simple truth and opts only for the sensation loses the audience over the long run. Only those seeking a short-term thrill are intrigued enough to follow the news reporter is thinking. How, then, do we capture the audience of today and hold it, when the competition for attention is so hectic? The answer is writing to convey action, and the way to accomplish this is a simple one-action verbs. The writer whose product suspends time for the public or viewer is the successful writer whose work is sought and reread. Why? Time often will melt away in the face of the reality of life's little responsibilities for the public. Instead of puzzling over a heading, more active, and more accurate verb,

some news reporters often limp through passive voice and useless tense to squeeze the life out of an action-filled world and fill their writing with missed opportunities to appeal to the public who seeks that moment of suspended time. Recently, a reporter wrote about observing the buildings in a community ravished by rebel uprising as "thousands of bullet holes were in the hotel." A very sterile observation". Suppose he had written, "The hotel was pocked with bullet holes." The visual image conjured up by the latter is far superior to the former. Here is the public ... comfortable in the easy chair before the fire with the dog at his feet. The verb pocked speaks to him. Of course the verb riddled would also evoke an image. But were is the be verb that is bland vanilla as opposed to the Rocky Road of pocked or riddled. The public moves on to the sports page without feeling for the community. The news reporter missed the opportunity to convey the reality.

34. This passage provides information to support which of the following?

- A. News reporters of today find excitement that they convey to their publics.
- B. The need for accurate reporting is obvious in the lack of human-interest stories.
- C. Publics are often too concerned with themselves to care about others.
- D. Writing that is bland escapes the public's imagination.

35. One can infer that news reporters write for an audience that is:

- A. preoccupied with private interests
- B. uninterested in the world's problems
- C. illiterate and unable to understand extensive vocabulary
- D. focused on the sensational and able to sense the macabre

36. The news reporter eager to succeed and capture the public's attention will:

- A. exploit the short attention span and sensationalize
- B. report only the familiar incidents in order to achieve the transfer of understanding
- C. attempt to spice the writing with contrived incidents that will fit the current situation
- D. appeal to emotions and evoke sympathy

37. The passage suggests that publics are NOT affected by all of the following EXCEPT:

- A. dull writing
- B. active writing
- C. local current events
- D. timely reporting

38. One might conclude that publics prefer writing that will:

- A. suspend reality
- B. refer to happy memories
- C. evoke sentiment
- D. fail to exploit them

39. According to the author, which of the following might be true of news reporters?

- A. Most news reporters are eager to report the truth.
- B. News reporters only want to exploit the publics.
- C. Language is the tool of news reporters.
- D. News reporters seek the easy way out.

40. According to this selection, news reporters seize opportunities to communicate with publics by all of the following EXCEPT:

- A. colorful language
- B. imaginative dialogue
- C. bland or vanilla writing
- D. action verbs

Questions 41-44

A bouquet of three flowers must be selected from six flowers: Calendula, Asters, Calla, Gladiolus, Tube Gladiolus and White Rose according to the following conditions:

Either Calendula or Calla, or both, must be selected.
Either Asters or Tube Gladiolus must be selected, but neither Tube Gladiolus nor Calla can be selected with Asters.

41. Which of the following is an acceptable selection of flowers?

- A. Calendula, Asters and Calla
- B. Calendula, Calla and Gladiolus
- C. Calendula, Calla and Tube Gladiolus
- D. Asters, Calla and Tube Gladiolus
- E. Asters, Gladiolus and Tube Gladiolus

42. Which of the following pairs of flowers CANNOT both be among the flowers selected?

- A. Calendula and Asters
- B. Calendula and Gladiolus
- C. Asters and White Rose
- D. Gladiolus and White Rose
- E. Tube Gladiolus and White Rose

43. If Calla are selected, which of the following must also be among the flowers selected?

- A. Calendula
- B. Asters
- C. Gladiolus
- ☒ D. Tube Gladiolus
- E. White Rose

44. If Tube Gladiolus are not selected, which pair of flowers must be among those selected?

- ☒ A. Calendula and Asters
- B. Calendula and Gladiolus
- C. Calendula and White Rose
- D. Asters and Gladiolus
- E. Asters and White Rose

Collectors-whether they collect books, CDs, dolls, spoons, or anything else-would be well advised to purchase one of the various computer database programs available, because any such program will enable them to create catalogs of their collections from which information can be accessed quickly and easily.

45. All of the following are valid objections to the argument above EXCEPT

- A. some database programs may be more appropriate for creating catalogs of collection than others
- B. entering information into a computer database can be extremely time consuming
- C. not every collector has or is comfortable using a computer
- D. not all collectors are interested in cataloging their collections
- E. a catalog of a collection may be created using handwritten index cards instead of a computer

Questions 46-52

Seven lead pencils R, S, T, V, W, X and Y are to be divided into two plastic packs, pack 1 and pack 2. Pack 1 must have three pencils, and pack 2 must have four pencils. The pencils are being packed to packs according to the following conditions:

R cannot be in the same pack as T.
If S is in pack 1, V must be in pack 1. If W is in pack 1, T must be in pack 2. X must be in pack 2.

46. Which of the following is an acceptable packing of the pencils to the two packs?

	PACK 1	PACK 2
A.	R, S, Y	T, V, W, X
B.	R, T, V	S, W, X, Y
C.	T, V, X	R, S, W, Y
D.	T, V, Y	R, S, W, X
E.	T, W, Y	R, S, V, X

47. If pencil R is in pack 2, which of the following must also be in Pack 2?

- A. T
- B. V
- C. W
- D. Y
- ☒ E. S

48. If pencil W is in pack 1, which of the following must also be in pack 1?

- A. S
- B. T
- C. V
- D. R
- E. Y

49. If pencils T and Y are both in pack 1, which of the following must be true?

- A. S is in the same pack as V.
- B. S is in the same pack as W.
- C. V is in the same pack as R.
- D. W is in the same pack as T.
- E. Y is in the same pack as X.

50. If pencil W is in the same pack as T, any of the following is a pair of pencils that could be in a pack together EXCEPT

- A. T and Y
- B. V and Y
- C. W and X
- D. R and S
- E. S and Y

51. If pencil V is in the same pack as Y, which of the following must be true?

- A. R is in pack 1.
- B. W is in pack 2.
- C. Y is in pack 2.
- D. S is in pack 1.
- E. T is in pack 1.

52. If S is in pack 1, which of the following must be true?

- A. T is in pack 2.
- B. Y is in pack 1.
- C. Y is in pack 2.
- D. R is in pack 1.
- E. T is in pack 1.

CHANNEL 10 advertises that it has the most local news reporting in the country. Assuming that this claim is true, it is obvious that someone who wants to learn as much as possible about the day's news should watch CHANNEL 10.

53. Which of the following statements would most effectively weaken the above argument?

- A. The country only has two stations that present any news broadcasts.
- B. CHANNEL 10 broadcasts more sporting events and comedies than any other station in the country.
- C. CHANNEL 10's claim is based only on the number of times the news is broadcast, including repeats of the same news reports.
- D. No other channel claims to broadcast as much news as CHANNEL 10 does.
- E. Not everyone in the country cares about watching the news.

Questions 54-57

Six Nokia mobiles U, V, W, X, Y and Z are to be placed in the display shelves of a mobile shop. There are six display shelves numbered 1, 2, 3, 4, 5, 6 and one mobile is to be put in one shelf. However;

Mobile U cannot be immediately to the left or immediately to the right of V.

Mobile W must be immediately to the left of X. Mobile Z cannot be in shelf number 6.

54. Which of the following mobiles cannot be placed in shelf no. 1?

- A. W
- B. X
- C. U
- D. V
- E. None of the above

55. If Mobile X is placed in shelf no. 3, W must be placed in which shelf?

- A. 1
- B. 2
- C. 4
- D. 5
- E. 6

56. If Mobile U is placed in shelf no. 5, which of the following mobiles must be placed in shelf no. 6?

- A. X
- B. Y
- C. V
- D. W
- E. None of the above

57. If Mobile Z is placed in shelf no. 3 immediately to the right of X, which mobile must be placed in shelf no. 5?

- A. U
- B. V
- C. W
- D. X
- E. None of the above

A particular construction project needs two operating loading machines in order to complete a job in one day. Today, Ali, one of the loading machine operators, is sick and cannot work. Therefore, the project will not be completed in one day.

58. Which of the following is an assumption that provides the basis for the above conclusion?

- A. The company will lose money if the project is not completed in one day.
- B. Ali is the best person to operate the loading machine.
- C. No other worker is available to operate the loading machine during Ali's absence.
- D. Ali's illness is very serious and his doctor ordered him to stay in bed.
- E. One loading machine working alone cannot complete the job in one day.

A Cardiologist has scheduled seven sick persons A, B, C, D, E, F, G to be examined on a single day, from first to seventh. Each sick person will be examined exactly once during the day, and no two sick persons will be examined at the same time. The order of examinations must conform to the following restrictions:

A is examined immediately before E is examined.

If B is examined fifth, F is examined sixth. If D is examined second, A is examined third. G is examined either fourth or sixth. F is not examined first or fifth.

59. Which one of the following is an acceptable ordering of sick person examinations?

- A. B, D, A, E, F, G, C
- B. B, F, D, G, A, E, C
- C. C, D, F, G, A, E, B
- D. D, A, E, B, G, C, F
- E. D, C, A, E, B, G, F

60. If D is examined second, which one of the following sick persons must be examined fifth?

- A. A
- B. B
- C. C
- D. E
- E. G

61. If B is examined fifth and C is examined before G is examined, then which one of the following must be true?

- A. A is examined first.
- B. C is examined third.
- C. D is examined seventh.
- D. E is examined second.
- E. G is examined sixth.

62. If A is examined third, which one of the following is a complete and accurate list of sick persons who can be examined fifth?

- A. B
- B. D
- C. B, D
- D. C, D
- E. B, C, D

Questions 63-65

63. If G is examined immediately after B is examined, and D is examined immediately after F is examined, then C must be examined:

- A. third
- B. fourth
- C. fifth
- D. sixth
- E. seventh

64. If E and F are both examined sometime after G is examined, then the number of possible orderings of sick person examinations is

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

65. If C is examined fourth, which one of the following could be true?

- A. A is examined third.
- B. B is examined first.
- C. D is examined second.
- D. D is examined seventh.
- E. E is examined seventh.

66. Burkina Faso is to Ivory Coast as _____?

- A. Bahrain is to Manama
- B. Cameroon is to Yaounde
- C. Iceland is to Reykjavik
- D. Kiribati is to Tokelau

67. Kenny Rogers is to country songs as

- A. Nusrat Fateh Ali Khan is to Qawali
- B. Abida Parveen is to classical songs
- C. Abrar-ul-Haq is to folk songs
- D. Alamgir is to pop songs

68. The next number in series is 2, 16, 1024, _____

- A. 4194304
- B. 230400
- C. 1048576
- D. 5186208

69. Commemorate is to honor as

- A. Bold is to meek
- B. Custom is to tradition
- C. Artificial is to natural
- D. Ally is to enemy

70. In how many ways 4 boys and 3 girls can be seated in a row so that they are alternate.

- A. 144
- B. 288
- C. 156
- D. 244

71. The order of a differential equation is the order of the _____ derivative occurring in the equation

- A. Highest
- B. Lowest
- C. Mean
- D. Median

72. $y' + p(x)y = q(x)$, $x \in I$ is called a _____ equation, if $q(x)$ is _____ not equal to 0

- A. linear homogeneous
- B. Linear non-homogeneous
- C. General Linear
- D. Linear heterogeneous
- E. Non-linear

73. The equations $x + 2y = 1$ and $2x + 4y = 3$ represent a pair of _____ lines and hence there is no point of intersection.

- A. Horizontal
- B. Vertical
- C. Congruent
- ☒ D. Parallel

74. Two linear systems are said to be _____ if one can be obtained from the other by a finite number of elementary operations

- ☒ A. Disjoint
- B. Equivalent
- C. Non-linear
- D. Unequal

75. A matrix Q is said to be in the row reduced echelon form if _____

- A. Q is already in the row reduced form
- B. The rows consisting of all zeros comes below all non-zero rows
- C. The leading terms appear from left to right in successive rows
- D. All of the above
- E. None of the above

76. 60% of a number when added to other number then the other number is increased by 1.5 times to its original. What is the ratio between two numbers?

- A. 4 : 1
- B. 6 : 5
- C. 3 : 2
- D. 9 : 1
- E. Data insufficient

77. A gear 50 inches in diameter turns a smaller gear 30 inches in diameter. If the larger gear makes 15 revolutions, how many revolutions does the smaller gear make in that time?

- A. 9
- B. 12
- C. 20
- D. 25
- E. 30

78. If Ahmed purchases a watch for Rs.600 and pays 15% sales tax, the total amount spent on purchase is?

- A. Rs.660
- B. Rs.670
- C. Rs.680
- ☒ D. Rs.690
- E. Rs.700

79. If Arif can read 39 pages of a book in half an hour, how long will it take him to finish a book that has 1287 pages?

- A. 10 h
- B. 12 h
- ☒ C. 13.5 h
- D. 14.6 h
- E. 16.5 h

80. A number exceeds another number by 5. The sum of the numbers is 19. Find the smaller number.

- A. 5
- B. 6
- ☒ C. 7
- D. 12
- E. 19

81. A lorry covers a distance of 100 km in 2 hours and 30 minutes. A private car runs with a speed of 55 km/hour. Determine the ratio of their speeds.

- A. 8 : 11
- B. 20 : 11
- ☒ C. 4 : 11
- D. 11 : 11
- E. 4 : 8

82. In a certain class, the ratio of men to women is 3:5. If the class has 24 people in it, how many are women?

- A. 9
- B. 12
- ☒ C. 15
- D. 18
- E. 21

83. If the area of a square of side x is 5, what is the area of a square of side $3x$?

- A. 15
- B. 45
- C. 95
- D. 75
- E. 225

84. The average age of A and B is 20 years, that of B and C is 19 years and that of A and C is 21 years. What is the age (in years) of B?

- A. 39
- B. 21
- C. 20
- D. 19
- E. 18

85. $\frac{\sqrt{?}}{200} = 0.02$

- A. 0.4
- B. 4
- C. 16
- D. 1.6
- E. -16

86. A man travels a distance of 20 miles at 60 miles per hour and then returns over the same route at 40 miles per hour. What is the total time (in minutes) of his journey?

- A. 50
- B. 48
- C. 47
- D. 46
- E. 45

87. The sum of two numbers is 40 and their difference is 4. The numbers are:

- A. 21 and 19
- B. 31 and 19
- C. 22 and 18
- D. 23 and 17

88. A factory worker can produce 28 toys in eight-hours a day. If there are 42 workers in total, how many toys are produced every hour?

- A. 147 toys
- B. 1176 toys
- C. 200 toys
- D. 150 toys
- E. 400 toys

89. If $p - 7 = 5 - p$, then $p =$

- A. -6
- B. -2
- C. 1
- D. 6
- E. 12

90. Muzamil's quiz scores in math were 95, 87, 84, 84, and 60. What was the average of these scores?

- A. 80.2
- B. 81
- C. 81.5
- D. 82
- E. 84

91. $(a - b)^2 =$

- A. $a^2 - b^2$
- B. $a^2 + b^2$
- C. $b^2 - a^2$
- D. $(b - a)^2$
- E. $-(b - a)^2$

92. Length of a square is increased by 8 cm. Its area becomes 400 sq. cm. Find its perimeter.

- A. 400 cm
- B. 200 cm
- C. 80 cm
- D. 116 cm
- E. 64 cm

93. Ali is 5 times as old as his son. 2 years ago the sum of their ages was 50. Find the present age of son?

- A. 7 years
- B. 8 years
- C. 9 years
- D. 10 years
- E. 43 years

94. Find the greatest number which divides 2300 and 3500 leaving 32 and 56, respectively, as remainders.

- A. 80
- B. 82
- C. 84
- D. 86
- E. 100

95. If 3 : 4 is equivalent to a : 12, then a = ?

- A. 1
- B. 9
- C. 11
- D. 12
- E. 14

96. 125% of 260 + ? % of 700 = 500

- A. 32
- B. 56
- C. 25
- D. 46

97. Simplify
$$2\frac{1}{7} - 2\frac{1}{2}$$

$$2\frac{1}{4} + 1\frac{1}{7}$$

- A. $-\frac{1}{2}$
- B. $-\frac{1}{8}$
- C. $-\frac{2}{19}$
- D. $-\frac{1}{4}$

98. A man completes $\frac{2}{15}$ of his journey by aeroplane, $\frac{2}{5}$ by train and the rest by taxi. What part of his journey does he complete by taxi?

- A. $\frac{8}{15}$
- B. $\frac{7}{15}$
- C. $\frac{9}{15}$
- D. $\frac{2}{3}$

99. For which of the following values of "n" is $\frac{30}{n}$ NOT an integer?

- A. 2
- B. 3
- C. 4
- D. 5
- E. 6

100. $\frac{23}{1,000} + \frac{6}{100} + \frac{7}{10} = ?$

- A. 0.7623
- B. 0.0042
- C. 0.783
- D. 0.2367
- E. 0.327