CLASSIFICATION

Direction (1-40): In each of the following questions, a series is given, with one term/number/letter missing, choose the correct alternative from the given ones that will complete the series.

1. 3, 5, 6, 11, 9, 17, 12, ?
    (1) 20   (2) 10
    (3) 22   (4) 23

2. 2, 5, 7, 12, 19, 31, ?, 81
    (1) 30   (2) 40
    (3) 50   (4) 60

3. 4320, 720, ?, 36, 12, 6
    (1) 144   (2) 24
    (3) 72   (4) 48

4. 1000, 200, 40, ?
    (1) 10   (2) 20
    (3) 15   (4) 8

5. 36, 34, 30, 28, 24, ?
    (1) 20   (2) 22
    (3) 23   (4) 26

6. 14, 28, 20, 40, 32, 64 ?
    (1) 52   (2) 56
    (3) 128   (4) 48

7. 1.5, 2.3, 3.1, 3.9 ?
    (1) 3.12   (2) 4.7
    (3) 4.9   (4) 5.1

8. 1, 4, 9, 16, 25, _____, 49
    (1) 36   (2) 64
    (3) 81   (4) 27

9. 36, 34, 30, 28, 24, ?
    (1) 22   (2) 23
    (3) 26   (4) 20

10. 70, 71, 76, _____, 81, 86, 70, 91
    (1) 96   (2) 70
    (3) 80   (4) 71

11. 62, 61, 63, 62, 64, 63, _____.
    (1) 66   (2) 62
    (3) 64   (4) 65

12. 69, 72, 78, 87, ?, 114
    (1) 111   (2) 99
    (3) 93   (4) 96

13. 7, 8, 10, 13, 17, ?
    (1) 22   (2) 21
    (3) 23   (4) 20

14. 48, 82, 44, 77, 40, 72, ?
    (1) 76   (2) 70
    (3) 36   (4) 40

15. 2, 5, 9, ?, 20, 27,?
    (1) 14   (2) 16
    (3) 18   (4) 24

16. 225, 289, ?, 441
    (1) 361   (2) 375
    (3) 383   (4) 386

17. 6, 11, 21, 26, 36, ?, 51
    (1) 41   (2) 39
    (3) 47   (4) 48

18. 1, 6, 13, 22, ?, 46
    (1) 32   (2) 33
    (3) 40   (4) 43

19. 256, 16, 4, ?
    (1) 8   (2) 6
    (3) 2   (4) 4

20. 5, ?, 23, 47, 95, 191.
    (1) 13   (2) 10
    (3) 17   (4) 11

21. SFJ, RGK, QHL,   ?
    (1) EMD   (2) VIJ
    (3) PIM   (4) PKL

22. ACDFGIJLMOP   ?
    (1) Q   (2) R
    (3) S   (4) T

23. GON, JRQ, MUT, ?
    (1) NOG   (2) PXW
    (3) JQR   (4) TUM

24. QAR, RAS, SAT, TAU, ?
    (1) UAV   (2) UAT
    (3) TAS   (4) TAT

25. QPO, NML, KJI, ?, EDC
    (1) HGF   (2) CAB
    (3) JKL   (4) GHI

26. ALN, DNR, GPR, ?
    (1) KLM   (2) JRT
    (3) RNU   (4) RNV

27. BDF, CFI, DHL, ?
    (1) EJO   (2) CJM
    (3) EML   (4) EMI

28. LXF, MTJ, NPN, OLR ?
    (1) PIU   (2) PPV
    (3) PHV   (4) PJW

29. C A G E K I O M _ _
    (1) US   (2) QS
    (3) OQ   (4) SQ

30. V, VIII, XI, XIV, ?, XX
    (1) XV   (2) XVII
    (3) IX   (4) XXIII

31. SCD, TEF, UGH, ?, WKL
    (1) VIJ   (2) VJI
    (3) CMN   (4) UJI

32. XGH, WIJ, VKL, UMN   ?
    (1) TOP   (2) SOP

(3) HOW (4) UJI

33. AZY, EXW, IVU ?
(1) MTS (2) MQR
(3) NRQ (4) LST

34. A, Z, B, Y, C, X, ?, ?.
(1) EV (2) WD
(3) DW (4) YV

35. CFL, EIK, G J, IOI, ?
(1) KRH (2) KRJ
(3) JRH (4) KQH

36. J, Q, I, R, H, S, ?, ?
(1) F T (2) G T
(3) H U (4) K T

37. A, P, C, Q, E, R, G, ? .. ?.
(1) S I (2) H I
(3) I S (4) T J

38. FLU, GMV, HNW, IOX, ?
(1) JYP (2) WYP
(3) WPY (4) JPY

39. EAC, GCE, IEG, ?
(1) JHI (2) KGI
(3) JGI (4) KIJ

40. Y, S, U, O, Q, ? ?
(1) N O (2) L M
(3) J K (4) H I

Direction (41-60): In each of the following questions, which one set of letters or letter series when sequentially placed at the gaps in the given letter series shall complete it ?

41. ___fgg___eg___eeff___ef___gg
(1) eefge (2) fegef
(3) efege (4) fgege

42. _acca _ ccca _ acccc _ aaa
(1) a c c a (2) c a a a
(3) c c a a (4) c a a c

43. p_ _ p _ _ p q r p _ r
(1) q r s t q (2) q q r r q
(3) q r q r q (4) q q r q r

44. g _ _ g _ _ gh _ g _ i
(1) h h i i h h (2) j k l j k l
(3) h i j k l i (4) h i h i i h

45. ww_ x _ x _ yyzz _
(1) w z x y (2) w x x z
(3) w x y z (4) x w z w

46. m _ n m _ n _ a n _ a _ m a _
(1) a m a m m n (2) a a m n a n
(3) a m m a n m (4) a a m m n n

47. b _ y _ _ by _ b _ yt
(1) bgtbt (2) btbtb
(3) atbbt (4) cbbte

48. _ _ dan _ _ nda _ dand _
(1) dnadna (2) ndanda
(3) andana (4) danndn

49. a __ b a __ b b __ a b __ a
(1) b a a b (2) a a b a
(3) a b a b (4) b a a a

50. a_ bcaa _ caa _ _
(1) a b c c (2) a b a c
(3) a a b c (4) b a a c

51. __ b b __ c __ b g __ b __g
(1) c b g b c (2) c g b c b
(3) c g b c c (4) g b c b b

52. a __ cdd __ bcd __ abc __ dab __
(1) b a d d c (2) a b d d c
(3) b a d c d (4) b d a d c

53. __ XX __ Y __ XYYX __ Y
(1) YYXY (2) YXYX
(3) XYYX (4) YYXX

54. KLM__, KL_N, K_MN, _LMN
(1) NMLK (2) KLMN
(3) LKNM (4) KLNM

55. L__NOO__ML__MNO__NML
(1) MNLO (2) ONML
(3) NLMO (4) LOMN

56. d _ n _ _ _ nndm _ n
(1) ndmnm (2) mdnmn
(3) mndmn (4) dmnnn

57. a – yz – xy – ax – zax – z
(1) xayzy (2) xayyz
(3) xazyy (4) axzyy

58. c _ bba _ cab_ ac _ ab _ ac
(1) babcc (2) bcacb
(3) acbcb (4) abcbc

59. bca __ b __ aabc __ a __ caa
(1) c b a b (2) b a c c
(3) a c a b (4) b c b b

60. The numbers of letters skipped in between adjacent letters in the series is increased by one each time. Which of the following series observes the rule?
(1) ADHMS (2) HKOSV
(3) GJNSX (4) FLQUX

61. Find the wrong number in the given series : 6, 14, 31, 64, 137, 280
(1) 31 (2) 64
(3) 137 (4) 280

62. Find the wrong number in the given series. 13, 24, 29, 39, 44, 54, 61, 69,
(1) 61 (2) 13
(3) 44 (4) 24

63. Select the number which does not belong to the given series: 2, 8, 3, 27, 4, 64, 5, 225

(1) 27   (2) 8
(3) 225   (4) 64

64. Find out the wrong number in the series 216, 163, 120, 72, 24
   (1) 216   (2) 163
   (3) 72   (4) 24

Direction (69): In questions, numbers of letters skipped in between adjacent letters in the series is increased by one. Which of the following series observes the rule?

65. Find out the wrong number in the given series. 5, 27, 61, 122, 213, 340, 509
   (1) 27   (2) 61
   (3) 122   (4) 509

66. Find the wrong number in the following series :
   16, 16, 17, 21, 27, 46, 71
   (1) 27   (2) 46
   (3) 16   (4) 71

Direction (73-76): In each of the following questions, a series is given, with one term/number/letter missing. choose the correct alternative from the given ones that will complete the series.

67. B2CD, _____, BCD4, B5CD, BC6D
   (1) B2CD   (2) BCD2
   (3) BC3D   (4) BCD7

68. 3463 (2218) 1245, 5324 (?) 3626
   (1) 1698   (2) 1592
   (3) 2312   (4) 1142

69. 1 8 ? 27
   (1) 35   (2) 61
   (3) 41   (4) 64

70. If 364 (146) 437, then 574 (?) 641
   (1) 250   (2) 134
   (3) 236   (4) 356

71. How many 9 are followed by an even number and preceded by an odd number in the following series ? 469259339467924894
   (1) 4   (2) 3
   (3) 2   (4) 1

72. How many '0' are followed by an even number and preceded by an odd number in the following series ? 3 0 2 5 0 3 2 0 3 2 0 2 7 0 4 0 5 8 0 7 0 4 2 0 8
   (1) 4   (2) 3
   (3) 2   (4) 1

73. In the following series of numerals, which digit has maximum frequency?
   8 4 6 7 3 4 3 7 8 3 4 4 5 6 3 4 6 4 3 8 4
   (1) 8   (2) 6
   (3) 4   (4) 3

74. How many 7s in the following sequence of numbers are immediately preceded by 6 but not immediately followed by 8 ?
   3 4 8 7 6 1 5 6 7 8 4 9 6 7 5
   (1) 1   (2) 2

(3) 3   (4) 0

Directions (81-85): Study the following arrangement carefully and answer the questions given below.

R 4 P I J M Q 3 % T @ © U K 5 V 1 W $ Y 2 B E 6 # 9 D H 8 G & Z N

75. Which of the following is the sixth to the left of the fifteenth from the left end of the given arrangement?
   (a) 2   (b) #
   (c) %   (d) $ (e) None of these

76. How many such numbers are there in the given arrangement, each of which is immediately preceded by a consonant and not immediately followed by a letter?
   (a) None   (b) One   (c) Two
   (d) Three   (e) More than three

77. How many such symbols are there in the given arrangement, each of which is immediately followed by a letter but not immediately preceded by a number?
   (a) None   (b) One   (c) Two
   (d) Three   (e) More than three

78. How many such consonants are there in the given arrangement, each of which is immediately preceded by a consonant and immediately followed by a symbol?
   (a) None   (b) One   (c) Two
   (d) Three   (e) More than three

79. What should come in the place of question mark (?) in the following series based on the above arrangement?
   PJQ T©K 1$2 ?
   (a) E#D   (b) 69D   (c) 698
   (d) 6#D   (e) 69H

Directions (86-90): Study the following arrangement and answer questions given:

2 0 4 5 3 6 8 4 2 5 1 7 4
8 5 6 9 3 2 0 4 7 4 5 8
9 2 5 7 3 1 7 4 2 9 0

80. Which of the following is the 9th letter to the left of the 21st letter from the right end?
   A) 4   B) 8
   C) 6   D) 2   E) 5

81. How many such 4's are there in the above arrangement, each of which is immediately preceded by an odd digit and immediately followed by an even digit? (0 is neither odd nor even)
   A) Four   B) Three   C) Two
   D) One   E) Five

82. How many such 7's are there in the above arrangement, each of which is immediately preceded by a perfect square?
   A) Four   B) Three   C) Two
   D) One   E) Five

83. How many such 5's are there in the above arrangement, each of which is immediately followed by a digit which has a numerical value greater than 6?
A) None   B) One   C) Two
D) Three   E) More than three

84. If all the odd numbers are deleted from the above arrangement, then which of the following will be 9th from the right end?
A) 2   B) 6
C) 4   D) 0   E) 8

Directions (91-95): Study the following arrangement and answer questions given:
648 483 295 333 261 312

85. If the positions of first and second digits are changed in each number, which is the lowest number?
A) 261   B) 312
C) 295   D) 648   E) 483

86. If in each number 1 is added to first digit and then first and third are interchanged, then which is the largest number?

a) 312   b) 261
c) 295   d) 648   e) none

87. In all numbers are arranged in ascending order, then what is the difference between the numbers which is third from the left and second from the right?
a) 186   b) 171
c) 165   d) 123   e) none

88. If one is subtracted from all even digits in the numbers, then in how many numbers, a digit appear twice within a number?
a) None   b) one
c) two   d) three
e) more than three

89. What is the resultant if first digit of second highest number is divided by the second digit of the second lowest number?
A) 1.32   B) 0.94
C) 0.44   D) 2.00   E) 0.59

Answer Key

1. 4	2. 3	3. 1	4. 4	5. 2	6. 2	7. 2	8. 1	9. 1	10. 2
11. 2	12. 2	13. 1	14. 3	15. 1	16. 1	17. 1	18. 2	19. 3	20. 4
21. 3	22. 2	23. 2	24. 1	25. 1	26. 2	27. 1	28.	29. 4	30. 2
31. 1	32. 1	33. 1	34. 3	35. 1	36. 2	37. 1	38. 4	39. 2	40. 2
41. 2	42. 2	43. 3	44. 4	45. 3	46. 4	47. 2	48. 3	49.	50. 1
51. 2	52. 1	53. 4	54. 1	55. 1	56. 3	57. 3	58. 3	59. 3	60. 1
61. 2	62. 4	63. 3	64. 2	65. 1	66. 1	67. 3	68. 1	69. 4	70. 2
71. 3	72. 2	73. 3	74. 1	75. A	76. E	77. B	78. A	79. A	80. B
81. C	82. B	83. C	84. B	85. B	86. D	87. B	88. D	89. C	