# I.B.P.S. CLERKS 

## INSTITUTE OF BANKING PERSONNEL SELECTION COMMON WRITTEN EXAMINATION PREVIOUS PAPER - 2013

## BASED ON MEMORY

## NUMERICAL ABILITY

Directions (1-10): Solve and find the value of the ? mark

1. $8^{2} \div 2^{2} \times 4^{2}=2^{\text {? }}$
1) 3
2) 8
3) 7
4) 5
5) 4
2. $\frac{2}{3}$ of $\frac{11}{21}$ of $\frac{9}{22}$ of $?=8$
1) 74
2) 64
3) 96
4) 80
5) 56
3. $0.6-0.66+0.06+0.006=$ ?
1) -0.6
2) 0.006
3) 0.6
4) 0.06
5) -0.06
4. $20 \%$ of $855-31 \times 3=$ ?
1) 75
2) 85
3) 78
4) 80
5) 72
5. $[(472-92) \times ?] \div 19=40$
1) 6
2) 4
3) 2
4) 3
5) 5
6. $80 \%$ of $400-? \%$ of $400=120$
1) 20
2) 30
3) 40
4) 25
5) 50
7. $345 \div 5 \div 2.5=$ ?
1) 30
2) 22.4
3) 27.6
4) 20
5) 32.5
8. $1 \frac{5}{7} \times 4 \frac{1}{5} \times 21 \frac{2}{3}=$ ?
1) 84
2) 156
3) 132
4) 164
5) 144

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9. $464-182 \div 13=2 \times ?^{2}$
1) 16
2) 15
3) 19
4) 25
5) 17
10. $1.4 \times 3.5+1.5 \times 2.4=$ ?
1) 8.3
2) 6.8
3) 8.5
4) 7.4
5) 7.2
11. If the length of a rectangle is increased by $15 \%$ and the breadth is decreased by $12 \%$, what is the percentage change in the area of the rectangle?
1) $2.4 \%$ decrease
2) $1.2 \%$ increase
3) $1.8 \%$ decrease
4) $1.2 \%$ decrease
5) $1.8 \%$ increase
12. The simple interest received on a certain sum of money at 12.5 p.a. for 10 years is Rs. 625 . At what rate of interest p.a. the same interest can be received on the same sum after 4 years?
1) $30.75 \%$
2) $35.5 \%$
3) $31.25 \%$
4) $25.25 \%$
5) $32.5 \%$
13. A tap can fill a tank completely in 8 hours. After half the tank is filled, one more similar tap is opened. What is the total time taken to fill the tank completely?
1) 6 hours
2) $6 \frac{1}{2}$ hours
3) $5 \frac{1}{2}$ hours
4) $7 \frac{1}{2}$ hours
5) 7 hours

Directions for (14-18): Find the missing term
14. $16 \quad 17 \quad 21 \quad 30 \quad 46$ ?

1) 82
2) 104
3) 71
4) 92
5) 84
15. $2 \begin{array}{llllll} & 2 & 4 & 12 & 48\end{array}$
1) 180
2) 220
3) 240
4) 160
5) 210
16. $10 \quad 14 \quad 23 \quad 37 \quad 56 \quad$ ?
1) 74
2) 80
3) 118
4) 120
5) 94
17. $4 \begin{array}{llllll}7 & 13 & 25 & 49 & ?\end{array}$
1) 118
2) 136
3) 86
4) 97
5) 124
18. 50
1) 77
2) 45
3) 20
4) 85
5) 60
19. In school ' ABC ', the respective ratio between the number of students in class 8 , class 9 and class 10 in the year 2013, was $4: 5: 6$. If in 2014, the number of students in class 8 and class 9 increased by $10 \%$ and $20 \%$ respectively and the number of students in class 10 decreased by $20 \%$, what was the respective ratio between the number of students in class 8 , class 9 and class 10 in 2014 ?
1) $11: 15: 12$
2) $10: 11: 12$
3) $14: 15: 11$
4) $11: 13: 12$
5) $12: 17: 12$

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20. In a children's park, total amount received after selling 120 tickets was ₹ 4400/-. If children were charged Rs. 30 per ticket and adults were charged Rs. 50 per ticket, how many children visited the children's park?
1) 65
2) 80
3) 75
4) 70
5) 60
21. The respective ratio between a two digit number and sum of its digit is $4: 1$. If the digit at the one's place is twice the digit at ten's place, what is the number?
1) 12
2) 36
3) 48
4) 24
5) Cannot be determined
22. Sakshi travelled a distance of 48 km in 6 hours. She travelled the distance partly on foot at $4 \mathrm{~km} / \mathrm{hr}$ and partly on bicycle at $10 \mathrm{~km} / \mathrm{hr}$. What is the distance that she travelled on foot?
1) 9 km
2) 10 km
3) 6 km
4) 5 km
5) 8 km
23. A and B together complete a piece of work in $6 \frac{2}{5}$ days. If A takes four times the number of days taken by B to complete the same piece of work, in how many days B alone completes the work?
1) 8
2) 18
3) 12
4) 24
5) 32
24. Mr. Shindy had a sum of money which he decided to be distributed among his wife, his one son and one daughter. He gave $25 \%$ of the total money to his wife and the remaining amount he distributed in the respective ratio of $2: 3$ among his son and daughter. If his daughter got Rs. 24,300 , how much money did Mr. Shindy have?
1.) ₹ $54,000 /-$
2) ₹ $64,000 /-$
3) ₹ $48,000 /-$
4) ₹ 40,000 -
5) ₹ $60,000 /-$
25. A and B started a business with an investment which is in the ratio $6: 7$ respectively. After 6 months from the start of the business, $C$ joins with an investment equal to $A$ 's investment. If at the end of the year, the total profit earned was Rs. 4,080 . What was C's share?
1) ₹ $765 /-$
2) ₹ $810 /-$
3) ₹ $480 /$
4) ₹ 780/-
5) ₹ $642 /-$

Directions (26-30): Study the following table carefully to solve the questions that follow.
Number of books sold by 4 book stores during five months

| Book Stores | A | B | C | D |
| :--- | :---: | :---: | :---: | :---: |
| Months |  |  |  |  |
| January | 180 | 200 | 80 | 100 |
| February | 150 | 220 | 100 | 80 |
| March | 240 | 300 | 200 | 50 |
| April | 200 | 250 | 240 | 150 |
| May | 160 | 200 | 250 | 160 |

26. What is the average number of books sold in January by book stores A, B and D?
1) 150
2) 165
3) 180
4) 160
5) 155

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27. What is the respective ratio between total number of books sold by stores $C$ and $D$ together in April and total number of books sold by same stores together in February?
1) $15: 7$
2) $11: 6$
3) $14: 9$
4) $13: 6$
5) $13: 8$
28. What is the difference between total number of books sold by store B in January and April together and total number of books sold by store D in the same months together?
1) 100
2) 250
3) 200
4) 180
5) 150
29. Number of books sold by store $A$ in March and May together is what percent more than the number of books sold by store B in March?
1) $36 \frac{1}{6} \%$
2) $33 \frac{1}{3} \%$
3) $32 \frac{2}{3} \%$
4) $31 \frac{1}{6} \%$
5) $35 \frac{2}{3} \%$
30. The number of books sold by store $C$ has increased by what percent from February to May?
1) $150 \%$
2) $140 \%$
3) $120 \%$
4) $160 \%$
5) $180 \%$
31. Madhu's present age is four times Aarohi's present age. Nine years ago, the sum of their ages was 42 years. What is the present age of Madhu? (in years)
1) 46
2) 32
3) 20
4) 12
5) 48
32. Albert invested an amount $₹ 8,000$ in a fixed deposit scheme for 2 years at compound interest rate 5 p.c.p.a. How much amount will Albert get on maturity of the fixed deposit?
1) ₹ 8920
2) ₹ 8850
3) ₹ 8820
4) ₹ 8900
5) ₹ 8800
33. The square of a number $X$ is equal to 24 times a second number $Y$. If the value of $X$ is two times the value of Y , what is the value of X ?
1) 24
2) 6
3) 8
4) 14
5) 12
34. There is a mixture of milk and water in a vessel. The quantity of milk and water is 60 litres and 24 litres respectively. If 21 litres of mixture was taken out from the vessel, what is the remaining quantity of milk in the mixture? (in litres)
1) 48.5
2) 46.5
3) 42
4) 45
5) 40
35. The perimeter of two squares are 80 cm and 63 cm . What is the perimeter of third square whose area is equal to the difference of the two squares?
1) 48 cm
2) 72 cm
3) 56 cm
4) 42 cm
5) 46 cm

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## REASONING

Directions for (36-40): In the following questions two statements followed by two conclusions numbered I and II have been given. You have to consider the two given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.
36. Statements: All lions are animals

All lions are mammals
Conclusions: I. No mammal is an animal
II. At least some mammals are animals

1) both conclusions I and II are true
2) neither conclusion I nor II are true
3) either conclusion I or II is true
4) only conclusion I is true
5) only conclusion II is true
37. Statements: Some pans are utensils

No utensil is a sheet
Conclusions: I. All sheets are pans
II. Some pans are definitely not sheets

1) both conclusions I and II are true
2) neither conclusion I nor II is true
3) either conclusion I or II is true
4) only conclusion I is true
5) only conclusion II is true
38. Statements: No skill is a talent

All skills are gifts
Conclusions: I. No gift is a talent
II. All gifts are skills

1) both conclusions I and II are true
2) neither conclusion I nor II is true
3) either conclusion I or II is true
4) only conclusion I is true
5) only conclusion II is true
39. Statements: All chairs are furniture

Some chairs are tables
Conclusions: I. Some tables are furniture
II. All tables are furniture

1) both conclusions I and II are true
2) neither conclusion I nor II is true
3) either conclusion I or II is true
4) only conclusion I or II is true
5) only conclusion II is true
40. Statements: Some cents are dollars

Some dollars are Euros
Conclusions: I. No Euro is a cent
II. Atleast some Euros are cent

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1) both conclusions I and II are true
2) neither conclusion I nor II is true
3) either conclusion I or II s true
4) only conclusion I is true
5) only conclusion II is true
41. Which of the following will come in place of the question mark (?) in the following series as per English alphabetical order?

## AN BO DQ ? KX

1) FS
2) FT
3) GU
4) GT
5) GS

Directions for (42-47): Study the following seating arrangement carefully to answer the questions that follow.

L, M, N, O, P, Q, R \& S are seated in a straight line facing North, but not necessarily in the same order.
N is an immediate neighbour of both Q and S . Q sits at one of the extreme ends of the line.
Only two people sit between $S$ and $M$.
O sits third to the left of L. L is not an immediate neighbour of M.
Only one person sits between S and R
42. How many persons are seated between $R$ and $Q$ ?

1) One
2) Two
3) Three
4) None
5) Four
43. If all the people are made to sit in alphabetical order from left to right, the positions of how many of them will remain unchanged?
1) Three
2) None
3) One
4) Two
5) Four
44. Which of the following is true with respect to P as per the given arrangement?
45. Only one person sits to the left of $P$
46. Both L and N are immediate neighbours of P
47. None of the given options is true

## 2. N sits to immediate left of P

4. Only two people sit between $P$ and $R$
5. Who amongst the following sits exactly in the middle of the person who sits third from the right and person who sits fourth from the left?
6. S
7. N
8. R
9. M
10. L
11. What is the position of L with respect to N ?
12. Second to the left
13. Second to the right
14. Fourth to the left
15. Third to the right
16. Fifth to the right
17. Which of the following represents the persons seated at the extreme ends of the line?
1.M
2.P
3.S
4.N
5.L

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48. J is the daughter of $\mathrm{P} . \mathrm{T}$ is married to $\mathrm{N} . \mathrm{N}$ is the brother of $\mathrm{L} . \mathrm{P}$ is married to L. How is T related to P ?
1) Mother-in-law
2) Daughter
3) Aunt
4) Daughter-in-law
5) Cannot be determined

Directions for (49-53): Study the following arrangement to answer the questions that follow:
Ten people are sitting in two parallel rows having five people each in such a way that there is an equal distance between adjacent persons.

In row 1: F, G, H, I and J are seated (but not necessarily in the same order) and all of them are facing South.

In row 2: $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D} \& \mathrm{E}$ are seated (but not necessarily in the same order) and all of them are facing North. Therefore, in the given series of arrangement, each member seated in a row faces another member in the other row.

E sits to immediate left of A. Only two people sit between E and D.
Neither E nor H sits at extreme ends of the line. One of the immediate neighbours of D faces J. The one who faces C sits second to the left of F. H and I are immediate neighbours of each other. H is not an immediate neighbour of F or J .
49. Four of the following five are alike in a certain way based on the given seating arrangement and thus form a group. Which is the one that does not belong to that group?

1) $G$
2) F
3) A
4) C
5) $D$
50. Which of the following is true regarding J?
1) $F$ is an immediate neighbour of $J$.
2) J faces $A$
3) I sits to immediate right of J .
4) An immediate neighbour of H faces J .
5) None of the given options is true.
51. Who amongst the following sits second to the right of the person who sits exactly in the middle of row?
1) $F$
2) I
3) J
4) G
5) H
52. Who amongst the following faces E ?
1) H
2) $G$
3) F
4) J
5) I
53. Who amongst the following sits to the immediate right of person who faces I ?
1) $B$
2) C
3) A
4) E
5) D
54. In a certain code, 'FATHOM' is written as 'IBWIRN' and 'PLANET' is codes as 'SMDOHU'. How will 'NORMAL' be coded in the same code?
1) QRUPDO
2) PQTOCN
3) QPUNDM
4) MDNQPU
5) QUPNMD
55. Among four friends $\mathrm{W}, \mathrm{X}, \mathrm{Y}$ and Z (each works for different number of hours), who works for the most number of hours?
I. Y works less than X but more than Z . W works more than Y , but not the most.
II. W works less than $\mathrm{X}, \mathrm{Z}$ works less than both Y and W .
1) W
2) $X$
3) Y
4) $Z$
5) None

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56. How many bouquets does the florist sell on Sunday?
I. On Sunday, he sold 7 more bouquets than he sold the previous day.
II. He sold 22 bouquets each on Thursday, Friday and Saturday.
1) 26
2) 27
3) 28
4) 29
5) 30
57. How is B related to A?
I. A is the son of C. D is the husband of C.
II. K is married to B . B has two children D and $\mathrm{E}, \mathrm{D}$ is the father of A .
1) Mother
2) Daughter
3) Father
4) Grandfather
5) Cannot be determined

Directions for (58-64): A statement, along with two conclusions I \& II is given. Read the statement carefully and find out which of the following conclusion follows:
58. Statements: $\mathrm{W}>\mathrm{O} \leq \mathrm{R}=\mathrm{K}<\mathrm{M}<\mathrm{T}$

Conclusions: I. W >M II. T > O

1) Only I follows
2) only II follows
3) either I or II follows
4) both I \& II follows
5) None follows
59. Statements: $\mathrm{D}>\mathrm{S}<\mathrm{I}=\mathrm{G} \geq \mathrm{N}<\mathrm{H}$

Conclusions: I. N < D II. H > S

1) only I follows
2) either I or II follows
3) None follows
4) only II follows
5) both I \& II follows
60. Statements: $M=A \geq R=G \geq N$

Conclusions: $\mathrm{I} . \mathrm{M}=\mathrm{N} \quad$ II. $\mathrm{N}<\mathrm{M}$

1) only I follows
2) only II follows
3) either I or II follows
4) both I \& II follows
5) None follows
61. Statements: $\mathrm{O}<\mathrm{P}=\mathrm{T} \geq \mathrm{N}$; F $>\mathrm{T}$

Conclusions: I. F $>\mathrm{N} \cap$ II. $\mathrm{N} \leq \mathrm{P}$

1) only I follows
2) only II follows
3) either I or II follows
4) both I \& II follows
5) none follows
62. Statements: $\mathrm{O}<\mathrm{P}=\mathrm{T} \geq \mathrm{N} ; \mathrm{F}>\mathrm{T}$

Conclusions: I. F > N II. N $\leq \mathrm{P}$

1) only I follows
2) only II follows
3) either I or II follows
4) both I \& II follows
5) none follows

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63. Statements: $\mathrm{O}<\mathrm{P}=\mathrm{T} \geq \mathrm{N} ; \mathrm{F}>\mathrm{T}$

Conclusions: I. F > O $\quad$ II. $\mathrm{N}<\mathrm{O}$

1) only I follows
2) only II follows
3) either I or II follows
4) both I \& II follows
5) None follows
64. If each vowel in the word STORIES is changed to next letter in the English alphabetical series and each consonant is changed to previous letter in the English alphabetical series and then all alphabets in the word thus formed is arranged in alphabetical order (from left to right), then which of the following will be third letter from the left end of the new arrangement thus formed?
1) J
2) $F$
3) S
4) R
5) P

Directions (65-70): Study the given information and answer the questions that follow:
Eight people: P, Q, R, S, T, U, V and W are sitting around a circular table facing the centre, with equal distances, between each other but not necessarily in the same order.
$P$ sits to the immediate right of $U$. Only three people sit between $U$ and $R . R$ is an immediate neighbour of both W and T . Only two people sit between T and $\mathrm{S} . \mathrm{Q}$ sits to the immediate right of S .
65. How many people sit between $S$ and $V$ as per the given arrangement?

1) Three
2) None
3) One
4) Two
5) More than three
66. Who amongst the following sits third to the right of $S$ ?
1) $P$
2) $R$
3) $U$
4) T
5) V
67. Which of the following pairs represents the immediate neighbours of $V$ ?
1) $R, W$
2) P, W
3) T, S
4) T, P
5) $\mathrm{Q}, \mathrm{P}$
68. Which of the following is true as per the given arrangement?
1) $V$ sits second to the right of $P$.
2) $P$ is an immediate neighbour of $S$.
3) $T$ sits to the immediate left of $R$.
4) $V$ sits third to the left of $Q$.
5) None of the given options is true.
69. What will come in place of the question mark (?) in the following series based on the given arrangement?

TR RS SP PW ?

1) WV
2) WT
3) WR
4) WQ
5) WS
70. Based on the given arrangement, four of the following five are alike in a certain way and so form a group. Which of the following does not belong to the group?
1) $\mathrm{Q}, \mathrm{T}$
2) $\mathrm{V}, \mathrm{U}$
3) $\mathrm{S}, \mathrm{R}$
4) U, S
5) $W, T$

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## ENGLISH LANGUAGE

Directions (71-80): In the following passage there are blanks, each of which has been numbered. These numbers are again printed below the passage and against each, five words are suggested, one of which fits the blank appropriate. Find out the appropriate word in each case.

Mr. Chamberlain had come to get gift of thirty-million pounds from South Africa and to win the hearts of Englishmen and Boers. So he gave a (71) shoulder to the Indian deputation. You know, he said, that, the Imperial Government has little control over self-governing colonies. You grievances seem to be genuine. I shall do what I can, but you must try your (72) to placate in 'Europeans, if you wish to live in their midst'. The replay cast a chill over the members of the (73). I was also disappointed. It was an eye opener for us all, and I saw that we should start with our work do novo. I (74) the situation to my colleagues. As a matter of fact there was nothing wrong about Mr. Chamberlain's replay. It was well that he did not mince (75). He had brought home to us in a rather gentle way the rule of might being (76) or the law of the sword. But sword we had none. We (77) had the nerve and the muscle even to receive sword cuts. Mr. Chamberlain had given only a short time to the subcontinent. If Sri Nagar to Cape Comorin is 1,900 miles, Durban to Cape town is not less than 1,100 miles, and Mr. Chamberlain had to cover the long distance at hurricane speed. From Natal he hastened to the Transvaal. I had to prepare the case for the Indians there as well and (78) it to him. But how was I to get to Pretoria? Our people there were not in a position to (79) the necessary legal facilities for my getting to them in time. The war had reduced the Transvaal to a howling wilderness. There was neither provisions nor clothing available. Empty or closed shops were there, waiting to be (80) or opened but that was a matter of time.
71. 1) cold
2) cool
3) hot
3) least
3) delegate
3) explained
5) denied
75. 1) lectures
2) matter
5) deals
76. 1) wrong
2) right
2) rare
5) scarce
78. 1) through
5) fill
79. 1) secure
5) buy
80. 1) replenished
4) filled
2) procure
2) fed
3) booked
2) permit
3) submit
4) warm
4) fate
73. 1) reputation
2) crowd
4) leader
74. 1) expressed
2) said

3) topic
4) words
5) weak
77. 1) hardly
2) rare
3) might
4) do
4) deposit
5) emptied

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Directions (80-85): In each sentence below four words have been printed in bold type, which are numbered (1), (2), (3), (4). One of these words may be either wrongly spelt or inappropriate in the context of the sentence. The number of that word is the answer. If all the four words are spelt correctly. The answer is 5, i. e. All correct.
81. He slipped (1)/ away in the right (2)/ and reached (3)/ there in the mourning. (4)/ All correct (5).
82. The latter (1)/ came out with open statement (2)/ repeating (3)/ some of the charges. (4)/ All correct (5).
83. He arranged (1)/ a grand programme (2)/ and invited aminent (3)/ musicians (4) to it / All correct (5).
84. This pleased (1)/ a client (2)/ but at the same (3) time annoyed (4) All correct (5).
85. The gardener (1)/ was very faithful (2)/ and he took a good (3)/ care (4) of it./ All correct (5).

Directions (86-90): Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The number of that part is your answer. If there is no error the answer is '5'. (Ignore error of punctuations. if any)
86. He was (1)/ the man who (2)/ they determined (3)/ should be the next mayor. (4)/ No error (5)
87. He asked me (1)/ whether either (2)/ of the applications (3)/ was suitable. (4)/ No error (5).
88. He never has and (1)/ ever will (2)/ take such (3)/ strong measures. (4)/ No error (5).
89. When at last I succeeded in convincing him (1)/ that I want to get home quickly (2)/ he agreed to (3)/ give me a lift in his car. (4)/ No error (5).
90. We decided not tell to (1)/ the patient about (2)/ the disease he was (3)/ suffering from. (4)/ No error (5).
91. We never thought (1)/ that Mahesh was (2)/ oldest than the other (3)/ player in the team (4)/ No error (5)
92. Even after requesting (1)/ him, he did not (2)/ tell us that how (3)/ he solved the problem (4)/ No error (5).
93. Since his appeal (1)/ could not be reaching to (2)/many people he will not (3)/ receive much response (4)/No error (5).
94. I am thoroughly (1)/ convinced now that (2)/ walking is (3)/ conducive for good health. (4)/ No error (5).
95. Greece has one (1)/ of the oldest (2)/ culture and history (3) in this world. (4) No error (5).
96. It is definitely (1)/ kind of this attitude (2)/ that is required in (3)/ this day and age. (4)/ No error (5).
97. We must try (1)/ to reach home early (2)/ because all our friends (3)/must waiting for us. (4)/ No error (5).
98. He usually travel (1)/ by air (2)/ but last Saturday he (3)/ travelled by train. (4)/ No error (5).
99. The postman finds (1)/ it very difficult to delivery (2)/ letters if the addresses (3)/ are not legible (4)/ No error (5).
100. I would have committed (1)/ the same mistake of jumping (2)/ into the lake if my brother (3)/ would not have fore warned me. (4)/ No error (5).

## ANSWERS

1-2; 2-5; 3-2; 4-3; 5-3; 6-5; 7-3; 8-2; 9-2; 10-3; 11-2; 12-3; 13-1; 14-3; 15-3; 16-2; 17-4; 18-1; 19-1; 20-2; $21-5 ; 22-5 ; 23-1 ; 24-1 ; 25-1 ; 26-4 ; 27-4 ; 28-3 ; 29-2 ; 30-1 ; 31-3 ; 32-3 ; 33-3 ; 34-3 ; 35-1 ; 36-5 ; 37-5 ; 38-2$; 39-4; 40-3; 41-4; 42-3; 43-2; 44-4; 45-3; 46-1; 47-2; 48-5; 49-4; 50-1; 51-1; 52-1; 53-4; 54-3; 55-2; 56-4; $57-5 ; 58-2 ; 59-3 ; 60-3 ; 61-4 ; 62-1 ; 63-2 ; 64-5 ; 65-1 ; 66-1 ; 67-4 ; 68-3 ; 69-1 ; 70-1 ; 71-1 ; 72-2 ; 73-3 ; 74-3$; 75-2; 76-2; 77-5; 78-3; 79-2; 80-1; 81-4; 82-3; 83-3; 84-5; 85-1; 86-5; 87-5; 88-1; 89-2; 90-1; 91-3; 92-3; 93-2; 94-4; 95-3; 96-2; 97-4; 98-1; 99-2; 100-4.

