

**SBI Clerk 2016 Mains Mock Test Paper**

This Mock Test consists of 190 questions which are spread across 4 sections – English Language, Numerical Ability, Reasoning Ability + Computer Knowledge and General Awareness. The mock test carries 200 marks and of 2 hours 40 minutes duration. There is negative marking of 1/4 marks for each wrong answer.

**Pattern of the Exam –**

Name of the Test	Number of Qs.	Max. Marks
1. Reasoning + Computer	50	60
2. Numerical Ability	50	50
3. English Language	40	40
4. General Awareness (Economy/Banking)	50	50
Total	190	200

**Reasoning and Computer Aptitude**

**1. Statements :**

Some books are pens  
All pens are chairs  
Some chairs are tables

**Conclusions :**

- i. Some books are chairs
- ii. Some chairs are books
- iii. All tables are chairs
- iv. Some tables are chairs
- (a) All follows
- (b) Only i , ii and iii follow
- (c) Only i , ii and iv follow
- (d) Only ii , iii and iv follow
- (e) None of these

**2. Statements :**

All cars are jeeps  
All jeeps are buses  
All buses are trucks

**Conclusions :**

- i. All trucks are buses
- ii. All buses are jeeps
- iii. All jeeps are cars
- iv. All cars are trucks
- (a) None follows
- (b) All follow
- (c) Only iii and iv follow
- (d) Only iv follow
- (e) None of these

**3. Statements :**

Some trees are flowers  
Some flowers are pencils  
Some pencils are tables

**Conclusions :**

- i. Some tables are flowers
- ii. Some pencils are trees
- iii. Some tables are trees
- iv. Some trees are pencils.
- (a) All follow
- (b) None follows
- (c) Only i and iii follows

- (d) Only ii and iv follows  
(e) None of these

**4. Statements :**

All rods are bricks  
Some bricks are ropes  
All ropes are doors

**Conclusions :**

- i. Some rods are doors  
ii. Some doors are bricks  
iii. Some rods are not doors  
iv. All doors are ropes.

- (a) Only i and ii follows  
(b) Only i, ii and iii follows  
(c) Only either i or iii and ii follows  
(d) Only either i or iii and iv follows  
(e) None of these

**5. Statements :**

Some books are pens  
Some pens are watches  
All watches are radios

**Conclusions :**

- i. Some radios are watches  
ii. Some radios are pens  
iii. Some watches are books  
iv. Some books are watches

- (a) All follow  
(b) Only i and iii follows  
(c) Only ii and iv follows  
(d) Only i and iv follows  
(e) None of these

**Directions:** In the following questions, the symbols \$, @, %, © and # are used with the following meanings as illustrated below:

'A©B' means 'A' is greater than 'B'.

'A%B' means 'A' is smaller than 'B'.

'A@B' means 'A' is either greater than or equal 'B'.

'A\$B' means 'A' is either smaller than or equal to 'B'.

'A#B' means 'A' is equal to 'B'.

**6) Statements:** L @ B , B # H, H © T

Conclusions:

- i. L # T  
ii. B @ T  
iii. L @ T  
A. None follows  
B. Only I follow  
C. Only II follows  
D. Only III follows  
E. Only II & III follows

**7) Statements:** F \$ C , C @ R, R # W

**Conclusions:**

- I. W \$ C  
II. F @ R  
III. C © W  
A. Only II follows  
B. Only I and II follows  
C. Only I follows  
D. Only II and III follows  
E. None of these

**8) Statements:** R # E , E @ D, D % A

**Conclusions:**

- I. R @ A
- II. R # D
- III. A @ E
- A. None follows
- B. Only I follow
- C. Only II follows
- D. Only III follows
- E. Only II & III follows

**9). Statements:** V \$ Z , Z @ M, M % H

**Conclusions:**

- I. M @ V
- II. H # V
- III. V @ M
- A. Only I and II follows
- B. Only II and III follows
- C. Only I and III follows
- D. None follows
- E. All follows

**10) Statements:** M @ U , U # S, S @ F

**Conclusions:**

- I. M # S
- II. U # F
- III. M @ S
- A. Either I or III only follows
- B. I and II only follows
- C. Only I follow
- D. II and III only follows
- E. None of these

**Directions (11-15):** Study the following information carefully to answer the questions given below: In a certain code language, 'answer the given question' is written as 'sa pa ka la', 'write the question' is written as 'sa la ta', 'answer is wrong' is written as 'ha ja pa', and 'read the answer' is written as 'sa na pa'.

**11.** What will be the code for 'read'?

- (a) na
- (b) pa
- (c) ja
- (d) ha
- (e) None of these

**12.** 'write to answer' can be coded as

- (a) sa ja da
- (b) da ta pa
- (c) pa na ta
- (d) pa ka ja
- (e) None of these

**13.** 'sa' stands for

- (a) wrong
- (b) write
- (c) read
- (d) the
- (e) None of these

**14.** What will be the code for 'question is given wrong'?

- (a) ha ja da la
- (b) ka la ha ja
- (c) la ha pa ja
- (d) Can't be determined
- (e) None of these

**15.** What will be the code for 'wrong'?

- (a) ha
- (b) pa

- (c) Either ha or ja
- (d) Either ja or pa
- (e) None of these

**Directions (Q. 16-20):** The following questions are based on the five three-digit numbers given below:

**261 489 643 586 729**

**16.** If 2 is added to the first digit of each of the numbers, how many numbers thus formed will be divisible by three?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) All

**17.** If the third digit of the second smallest number is divided by the third digit of the largest number then what will be the result?

- (a) 1
- (b) 0
- (c) 3
- (d) 2
- (e) None of these

**18.** If all the digits in each of the numbers are arranged in descending order within the number, which of the following will be the largest number?

- (a) 261
- (b) 489
- (c) 643
- (d) 729
- (e) 586

**19.** If all the numbers are arranged in ascending order from left to right, which of the following will be the sum of all three digits of the number which is second from the right of the new arrangement?

- (a) 20
- (b) 21
- (c) 13
- (d) 15
- (e) 9

**20.** If the first and the third digit of all the numbers are interchanged, then which of the following will be the second largest number?

- (a) 729
- (b) 643
- (c) 261
- (d) 489
- (e) 586

**Directions (21 - 25):** Study the following information carefully and answer the given questions:

A man has six sons U, V, W, X, Y and Z, who stay in four metro cities. They work in different companies, viz Infosys, Twitter, Tata, Google, Walmart and Facebook but not necessarily in the same order. X stays in Mumbai and works with Google. Those who stay in Kolkata work with Twitter and Walmart. One of the two Mumbaiers works with Facebook. The one who works with Infosys lives in Chennai. Z does not live in Chennai. U works with Tata. V works with Twitter. Y works with Walmart.

**21.** Who among the following works with Infosys?

- (a) U
- (b) W
- (c) X
- (d) Y
- (e) None of these

**22.** Which of the following pairs lives in Kolkata?

- (a) XY
- (b) ZX
- (c) VY
- (d) WU
- (e) None of these

23. Z works with which of the following companies?

- (a) Walmart
- (b) Facebook
- (c) Tata
- (d) Can't be determined
- (e) None of these

24. In which of the following metros does W live?

- (a) Delhi
- (b) Chennai
- (c) Kolkata
- (d) Can't be determined
- (e) None of these

25. Which of the following combinations is true?

- (a) V – Mumbai – Walmart
- (b) Z – Kolkata – Walmart
- (c) Y – Delhi – Facebook
- (d) W – Chennai – Infosys
- (e) None of these

**Directions (Q. 26-30): Study the following information carefully and answer the given questions:**

There are six juices – Mango, Grape, Lychee, Orange, Sweet lime and Pomegranate—kept in six bottles A, B, C, D, E and F but not necessarily in the same order. These bottles are arranged from left to right. Mango juice has been kept in bottle B. Orange juice has not been kept in bottle E but has been placed on the immediate left of A. Pomegranate juice has been kept in bottle F and has been placed exactly between the bottles which contain Orange juice and Mango juice. D has been placed at the extreme left end. The bottle containing Grape juice has not been placed at the extreme ends. Bottle E has been placed at the extreme right end. Sweet lime juice has not been kept near bottle B.

26. Which of the following bottles contains Grape juice?

- (a) B
- (b) A
- (c) C
- (d) D
- (e) None of these

27. Which of the following fruit juices has been placed at the extreme left end?

- (a) Sweet lime
- (b) Mango
- (c) Lychee
- (d) Grape
- (e) None of these

28. Which of the following combinations of bottle and juice is correct?

- (a) E – Sweet lime
- (b) D – Mango
- (c) C – Lychee
- (d) None is correct
- (e) All are correct

29. Four of the following five are alike in a certain way based on their positions in the above arrangement and hence form a group. Which is the one that does not belong to that group?

- (a) EC
- (b) FD
- (c) AF
- (d) BD
- (e) CB

30. Which of the following juices has been kept in bottle D?

- (a) Pomegranate
- (b) Lychee
- (c) Mango
- (d) Orange
- (e) None of these

31. A character is represented in EBCDIC by

- (a) one bit
- (b) four bits
- (c) eight bits

- (d) sixteen bits  
(e) None of the above
- 32.** Which is a secondary memory device?  
(a) CPU  
(b) ALU  
(c) Floppy disk  
(d) Mouse  
(e) None of the above
- 33.** Which is the computer memory that does not forget?  
(a) ROM  
(b) RAM  
(c) PROM  
(d) All of the above  
(e) None of the above
- 34.** A computer derives its basic strength from  
(a) Speed  
(b) Accuracy  
(c) Memory  
(d) all of the above  
(e) None of the above
- 35.** Which can read data and convert them to a form that a computer can use?  
(a) Logic  
(b) Storage  
(c) Control  
(d) Input device  
(e) Output device
- 36.** Software instruction intended to satisfy a user's specific processing needs are called  
(a) System software  
(b) A microcomputer  
(c) Documentation  
(d) Applications software  
(e) All of the above
- 37.** Which of the following is the most powerful type of computer?  
(a) Super micro  
(b) Super conductor  
(c) Microcomputer  
(d) Super computer  
(e) Mega frame
- 38.** Reusable optical storage will typically have the acronym \_\_\_\_\_.  
(a) CD  
(b) RW  
(c) DVD  
(d) ROM  
(e) None of these
- 39.** The \_\_\_\_\_ tells the computer how to use its components.  
(a) utility  
(b) network  
(c) operating system  
(d) application program  
(e) None of these
- 40.** A(n) \_\_\_\_\_ is a program that makes the computer easier to use.  
(a) application  
(b) utility  
(c) network  
(d) operating system  
(e) None of these
- 41.** What key links records from one database table to a record or records in another database table?  
(a) Primary key

- (b) Principal key  
(c) Foreign key  
(d) Link key  
(e) None of these
- 42.** When you link one database table to another database table, what are you creating?  
(a) Primary link  
(b) Connectivity  
(c) Relationships  
(d) Referential integrity  
(e) None of these
- 43.** What would you need to establish if you wanted to insure that the key in one database table was the same as a key in another database table?  
(a) Top-level grouping  
(b) Connectivity  
(c) Referential integrity  
(d) Field properties  
(e) None of these
- 44.** What database tool would you use to find answers to your questions about data stored in your database?  
(a) Queries  
(b) Tables  
(c) Show  
(d) Q&A  
(e) None of these
- 45.** When we describe, or define, the categories of information we collect in an Excel worksheet, what type of table are we creating?  
(a) Categorization  
(b) Classification  
(c) Explanation  
(d) List definition  
(e) None of these
- 46.** If you wished to limit what you would see on an Excel worksheet, what data function would you use?  
(a) Sort  
(b) Filter  
(c) Conditional format  
(d) Data analysis  
(e) None of these
- 47.** If you wished to highlight, not hide, some information in a worksheet because it met some criteria, what Excel tool would you use?  
(a) Table  
(b) Format  
(c) Conditional Format  
(d) Filter  
(e) None of these
- 48.** What Excel tool allows you to create quickly and automatically summary data from a large data set?  
(a) Conditional formatting  
(b) Sorting  
(c) Pivot tables  
(d) Field lists  
(e) None of these
- 49.** When creating a custom filter in Excel, which of the following would not be considered a Boolean operator?  
(a) If  
(b) And  
(c) Or  
(d) Not  
(e) None of these
- 50.** Which of the following is a good habit to get into when creating a worksheet?  
(a) Placing titles for columns in the first row of data  
(b) Using conditional formatting to spot spelling errors  
(c) Inserting comments in each cell to define that data or type of data  
(d) Grouping records according to some classification

(e) None of these

## Quantitative Aptitude

51.  $17/1276 * 326656 + ? = 9938$

- (a) 5586
- (b) 4352
- (c) 5685
- (d) 4532
- (e) None of these

52.  $42\% \text{ of } 445 + ?\% \text{ of } 354 = 289.56$

- (a) 25
- (b) 27
- (c) 29
- (d) 31
- (e) None of these

53.  $3/8 \text{ of } 4/7 \text{ of } 7/9 \text{ of } 738 = ?$

- (a) 123
- (b) 132
- (c) 142
- (d) 143
- (e) None of these

54.  $3/5 * 2/7 * ? = 534$

- (a) 3125
- (b) 3525
- (c) 3215
- (d) 3318
- (e) None of these

55.  $(99736 + 97369 + 99678 + 84767) \div (963 + 889 + ? + 1922) = 65$

- (a) 2096
- (b) 1998
- (c) 2192
- (d) 2022
- (e) None of these

56.  $748 \div 17 = ?\% \text{ of } 110$

- (a) 25
- (b) 40
- (c) 50
- (d) 75
- (e) None of these

57.  $40\% \text{ of } 60\% \text{ of } 3/5 \text{ of } 2750 = ?$

- (a) 372
- (b) 384
- (c) 396
- (d) 412
- (e) 424

58.  $134.27 - 48.76 + 519.08 - 178.60 = ?$

- (a) 421.49
- (b) 425.99
- (c) 427.89
- (d) 431.19
- (e) 437.49

59.  $(36\% \text{ of } 180) \div 0.4 = ?$

- (a) 160
- (b) 162
- (c) 164
- (d) 172
- (e) 180

60.  $44544 \div 348 = ?$



- (a) 122
- (b) 124
- (c) 126
- (d) 128
- (e) 132

61.  $(1107 \div 27) \times 3.5 = ?$

- (a) 141.5
- (b) 143.5
- (c) 145.5
- (d) 147.5
- (e) 149.5

62. 12% of 15% of 40% of 27500 = ?

- (a) 192
- (b) 194
- (c) 196
- (d) 198
- (e) 204

63.  $8.4 \times 6.5 + 4.6 \times 11.5 = ? \div 4$

- (a) 410
- (b) 420
- (c) 430
- (d) 440
- (e) 450

64. 4.8% of 550 – 3.2% of 750 = ?

- (a) 5.4
- (b) 4.8
- (c) 4.2
- (d) 3.6
- (e) 2.4

65. 42% of ? = 4116

- (a) 9400
- (b) 9600
- (c) 9800
- (d) 10200
- (e) 10400

**Directions (66 -70): In each of the following number series, a wrong number is given, find out that number.**

66. 3, 9, 23, 99, 479, 2881, 20159

- (a) 9
- (b) 23
- (c) 99
- (d) 479
- (e) 2881

67. 1, 3, 6, 11, 20, 39, 70

- (a) 3
- (b) 39
- (c) 11
- (d) 20
- (e) 6

68. 50, 51, 47, 56, 42, 65, 29

- (a) 51
- (b) 47
- (c) 56
- (d) 42
- (e) 65

69. 2, 13, 27, 113, 561, 3369, 23581

- (a) 27
- (b) 13
- (c) 113
- (d) 561
- (e) 3369

70. 7, 4, 6, 9, 20, 52.5, 160.5

- (a) 6
- (b) 4
- (c) 20
- (d) 9
- (e) 52.5

**What will come in place of question mark (?) in the given number series?**

71. 3, 5, 13, 49, 241, ?

- (a) 1210
- (b) 1451
- (c) 1221
- (d) 1441
- (e) 1200

72. 7, 13, 31, 85, 247, ?

- (a) 409
- (b) 727
- (c) 733
- (d) 649
- (e) 444

73. 64, 36, 22, 15, ?, 9.75

- (a) 12
- (b) 11
- (c) 11.5
- (d) 11.75
- (e) 10

74. 508, 256, 130, 67, 35.5, ?

- (a) 18.25
- (b) 19.75
- (c) 17.25
- (d) 15.75
- (e) 17.75

75. 17 9 15 40 143.5 ?

- (a) 505.75
- (b) 578.5
- (c) 650.25
- (d) 578
- (e) 678.5

76. A can do a particular work in 6 days . B can do the same work in 8 days. A and B signed to do it for Rs. 3200. They completed the work in 3 days with the help of C. How much is to be paid to C?

- (a) Rs. 380
- (b) Rs. 600
- (c) Rs. 420
- (d) Rs. 400
- (e) Rs. 500

77. Ayisha's age is  $\frac{1}{6}$ th of her father's age. Ayisha 's father's age will be twice the age of Sreder's age after 10 years. If Sreder's eight birthdays was celebrated two years before, then what is Ayisha 's present age.

- (a) 10 years
- (b) 12 years
- (c) 5 years
- (d) 8 years
- (e) 15 years

78. A boat can travel with a speed of 22 km/hr in still water. If the speed of the stream is 5 km/hr, find the time taken by the boat to go 54 km downstream

- (a) 5
- (b) 4
- (c) 3
- (d) 2
- (e) 6

79. A starts a business with a capital of Rs. 85,000. B joins in the business with Rs.42500 after some time. For how much period does B join, if the profits at the end of the year are divided in the ratio of 3 : 1?
- (a) 5 months  
(b) 6 months  
(c) 7 months  
(d) 4 months  
(e) 8 months
80. Two trains are moving in opposite directions with speed of 60 km/hr and 90 km/hr respectively. Their lengths are 1.10 km and 0.9 km respectively. the slower train cross the faster train in \_\_\_\_\_ seconds
- (a) 56  
(b) 48  
(c) 47  
(d) 26  
(e) 35
81. P is able to do a piece of work in 15 days and Q can do the same work in 20 days. If they can work together for 4 days, what is the fraction of work left?
- (a) 8/15  
(b) 7/15  
(c) 11/15  
(d) 2/11  
(e) 4/15
82. Present ages of Kalam and Syam are in the ratio of 5 : 4 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Syam's present age in years?
- (a) 28  
(b) 27  
(c) 26  
(d) 24  
(e) 25
83. A man's speed with the current is 15 km/hr and the speed of the current is 2.5 km/hr. The man's speed against the current is
- (a) 8 km/hr  
(b) 10 km/hr  
(c) 12.5 km/hr  
(d) 9 km/hr  
(e) 11 km/hr
84. Suraj started a business with Rs.20,000. Kiran joined him after 4 months with Rs.30,000. After 2 months, Suraj withdrew Rs.5,000 of his capital and 2 more months later, Kiran brought in Rs.20,000 more. What should be the ratio in which they should share their profits at the end of the year?
- (a) 21:32  
(b) 32:21  
(c) 12:17  
(d) 17:12  
(e) 18:32
85. Two trains of equal length are running on parallel lines in the same direction at 46 km/hr and 36 km/hr. If the faster train passes the slower train in 36 seconds, what is the length of each train?
- (a) 88  
(b) 70  
(c) 52  
(d) 60  
(e) 50
86. P sells an article to Q at 15% profit. Q sells it to C at 10% loss. If R pays Rs. 517.50/- for it then P purchased it at
- (a) Rs. 500/-  
(b) Rs. 7,50/-  
(c) Rs. 1,000/-  
(d) Rs. 1,250/-  
(e) none of these
87. Two pipes A and B can fill a tank in 36 min. and 45 min. respectively. A water pipe C can empty the tank in 30 min. First A and B are opened. After 7 min, C is also opened. In how much time, the tank is full?
- (a) 39 min  
(b) 40 min

- (c) 42 min  
(d) 38 min  
(e) 36 min

88. Mohan bought a jute bag @ 30% discount on the list price. He then sold it at a price which is 160% of the list price thereby making a profit of `81. What is the list price of the bag?

- (a) 180  
(b) 100  
(c) 90  
(d) 200  
(e) None of these

89. A sum is lent at 18% pa compound interest. What is the ratio of increase in the amount of 6th year to that in the 7th year?

- (a) 11:16  
(b) 20:23  
(c) 18:31  
(d) 15:27  
(e) 25:27

90. A bus started its journey from Allahabad and reached Lucknow in 1 hour 30 minutes at its average speed of 75 kmph. If the average speed of the bus is decreased by 21 kmph, how much time will it take to cover the same distance?

- (a) 2 hours 45 min  
(b) 2 hour 22 min  
(c) 2 hour 5 min  
(d) 2 hour 18 min  
(e) 1 hour 55 min

**Directions (Q. 91-95):** In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer

- (1) if  $x > y$   
(2) if  $x \geq y$   
(3) if  $x < y$   
(4) if  $x \leq y$   
(5) if  $x = y$  or relation cannot be established between 'x' and 'y'.

91. I.  $x^2 + 3x - 40 = 0$  II.  $y^2 - 14y + 48 = 0$

92. I.  $x^2 + x - 2 = 0$  II.  $y^2 + 5y + 6 = 0$

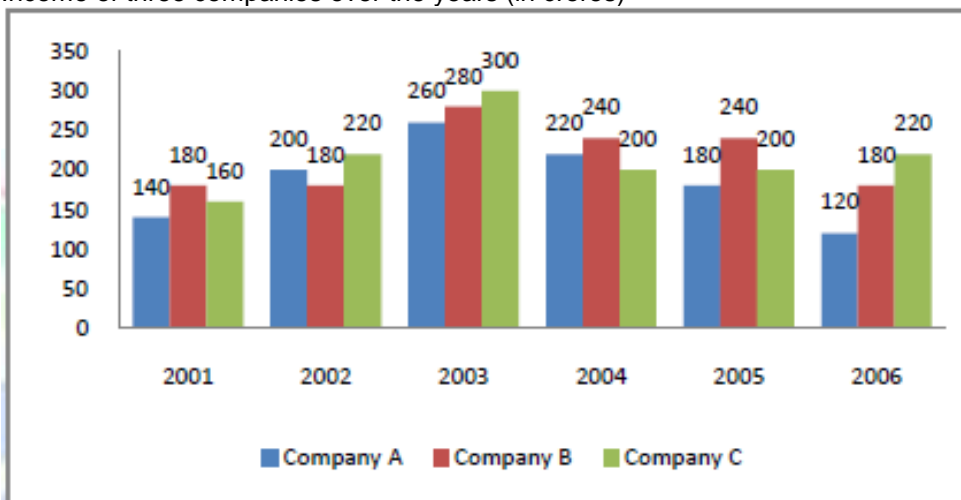
93. I.  $7x + 5y = 11$  II.  $7y - 8x = 51$

94. I.  $x^2 = 49$  II.  $y^2 - 16y + 63 = 0$

95. I.  $2x^2 + 13x + 21 = 0$  II.  $2y^2 + 27y + 88 = 0$

**Questions [96 – 100]:** Study the bar graph carefully to answer the questions given below.

Income of three companies over the years (in crores)



96. What is the percentage increase in the income of company B from 2002 to 2004?

- (A)  $51 \frac{1}{2}$   
(B)  $26 \frac{2}{3}$   
(C)  $36 \frac{1}{4}$

(D) 33  $\frac{1}{3}$

(E) 26  $\frac{1}{4}$

97. The total income of all three companies together was minimum in which of the following years?

(A) 2005

(B) 2002

(C) 2003

(D) 2006

(E) 2001

98. What is the approximate average income of the three companies together in 2005?

(A) 210 crore

(B) 240 crore

(C) 300 crore

(D) 260 crore

(E) 250 crore

99. What is the ratio of total income of all three companies in 2001 to that in 2002?

(A) 5:7

(B) 4:7

(C) 3:4

(D) 4:5

(E) 3:5

100. The income of the Company C in 2004 is what percentage of income of Company B in 2011?

(A) 76  $\frac{1}{2}$

(B) 72  $\frac{2}{3}$

(C) 63  $\frac{2}{3}$

(D) 83  $\frac{1}{3}$

(E) 59  $\frac{1}{4}$

### General English

**Directions (101-105):** Which of the phrases a), b), c) and d) given below should replace the phrase given in bold in the following sentence to make the sentence to make the sentence grammatically meaningful and correct?.If the sentence is correct as it is and 'No correction is required', mark e) as the answer.

101. There was something I needed to do today but it **totally slipped from my mind**.

(a) it got totally slipped off mind

(b) it was slip of mind

(c) it slipped from mind

(d) it totally slipped my mind

(e) No correction required

102. If that's the case, you'd better stop talking and get **back to the grind**.

(a) back the grind

(b) back for grinding

(c) back into grind

(d) back after grinding

(e) No correction required

103. If you can just **get the point** may be I can help you.

(a) get to the point

(b) getting the point

(c) get on the points

(d) get at the point

(e) No correction required

104. My wife is **under weather**, so I need to get home early today.

(a) in the weather

(b) by the weather

(c) under the weather

(d) in weather

(e) No correction required

105. I know that you're sad, **its written over your face**.

(a) it's written on your face

(b) it's written at your face

(c) it's written all over your face

(d) its written in your face

(e) No correction required

**Directions (106-110):** Read the sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is e). (Ignore errors of punctuation, if any.)

**106.** It will not be possible for you a)/ to catch the train on time b)/ because the nearest railway station c)/ is at ten kilometres away. d)/ No error e)

**107.** When I called him yesterday, a)/ he offered to donate b)/ a handsome sum to c)/ the flood relief fund. d)/ No error (e)

**108.** The constable said that a)/ the prisoner seize a b)/ fully loaded gun from a policeman c)/ and shot the prosecutor. d)/ No error e)

**109.** Although he has been a)/ winning the elections b)/ all years, this year his popularity c)/ has substantially reduced. d)/ No error e)

**110.** If a person is given a)/ diplomatic immunity then he b)/ cannot be arrested on a c)/ foreign land under any circumstance. d)/ No error e)

**Directions (Q. 111-115):** Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph and then answer the questions given below.

(A) The great achievement during the last century prior to Independence had been related largely to pure research.

(B) A range of industries, from small to the most sophisticated, has been established covering a wide range of utilities, services and goods.

(C) At the time of Independence, our scientific and technological infrastructure was neither strong nor organised as compared to the developed world.

(D) India has a long and distinguished tradition in science and technology from the ancient times.

(E) This resulted in our being technologically dependent on the skills and expertise available in other countries.

(F) In the past six decades, an infrastructure and capability largely commensurate with meeting national needs has been created, minimising our dependence on other countries.

**111.** Which of the following would be the FIRST sentence after rearrangement?

- (a) E
- (b) B
- (c) A
- (d) D
- (e) C

**112.** Which of the following would be the THIRD sentence after rearrangement?

- (a) D
- (b) F
- (c) C
- (d) A
- (e) B

**113.** Which of the following would be the SECOND sentence after rearrangement?

- (a) A
- (b) E
- (c) B
- (d) C
- (e) D

**114.** Which of the following would be the FOURTH sentence after rearrangement?

- (a) C
- (b) D
- (c) F
- (d) B
- (e) E

**115.** Which of the following would be the LAST (SIXTH) sentence after rearrangement?

- (a) F
- (b) B
- (c) D
- (d) E
- (e) A

**Directions: (116 to 120):** In each of the following sentences there are two blank spaces. Below each sentence there are five pairs of words denoted by numbers a), b), c), d), and e). Find out which pair of words can be filled up in the blanks in the sentence in the same sequence to make it meaningful complete.

**116.** There are numerous NGOs, international and national, in the field of human rights.

- (a) who is very active
- (b) that is more active
- (c) that are lesser active
- (d) which are very active
- (e) there are hardly active

117. You can \_\_\_\_\_ on our leaders to stay a step ahead of the law.

- (a) buy
- (b) bank
- (c) believe
- (d) mind
- (e) stand

118. \_\_\_\_\_ the blanket protests, the \_\_\_\_\_ of Telangana, India's 29th state, appears certain.

- (a) In spite of, launch
- (b) Moreover, beginning
- (c) Despite, birth
- (d) However, start
- (e) Unlike, division

119. Delhi's Shastri Bhawan, \_\_\_\_\_ to the Petroleum and Natural Gas ministry, easily \_\_\_\_\_ the award for the most paranoid corridors of power complex in a city that \_\_\_\_\_ in Machiavellian intrigue.

- (a) house, received, interests
- (b) building, get, enjoys
- (c) palace, achieved, involves
- (d) residence, caught, helps
- (e) home, gets, specialises

120. Exide is \_\_\_\_\_ to present the first ever maintenance free tubular battery with wheels attached.

- (a) pride
- (b) proud
- (c) glorified
- (d) haughty
- (e) arrogant

**Directions (121-130): in the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate words.**

Illiterate and weak-minded people all over the world often are a **(121)** to superstitions. Their lives are ruled by them and they base their actions on the various superstitious **(122)**. Superstitious people can be called backward. They tend to **(123)** every **(124)** irrationally. They **(125)** a happening illogically and **(126)** their actions on the **(127)** of these beliefs. Although most people know that superstitions are based on **(128)** and are nowhere close to the truth, but **(129)** a few people are **(130)** guided by superstitions.

121.

- a) plunder b) prey c) hunt d) predator e) suffering

122.

- a) laws b) custom c) beliefs d) thinking e) rules

123.

- a) interpret b) interfere c) interpose d) mediate e) meditate

124.

- a) ideals b) imagination c) invention d) discovery e) phenomenon

125.

- a) assist b) assess c) ascribe d) support e) manipulate

126.

- a) drive b) restrict c) impose d) guide e) expose

127.

- a) hypothesis b) fundamentals c) ideology d) basis e) conception

128.

- a) imagination b) delusion c) empathy d) fear e) logic

129.

- a) quit b) why c) quite d) simply e) never

130.

- a) somehow b) unusually c) upto d) yet e) still

**(131-140): Read the following passage carefully and answer the questions given below it. Certain words/phrases in the passage are printed in bold to help you locate them while answering some of the questions.**



That women in India are much more financially excluded than the men is evident from the figures as of March 2011. Only 21 per cent of total bank deposit accounts were held by women and these accounted for just about 12 per cent of the total volume of deposits. Similarly, women availed only 18 per cent of the total small credit from banks in 2011. The problem must be understood in the context of larger issues arising from the underprivileged status of a woman in India. Finance minister P Chidambaram has proposed to deal with the financial exclusion of Indian women by setting up a women's bank. There are two reasons why the idea is not **exciting** for some of us. First, merely setting up an all women bank is not likely to address the **core** issue of attitudinal bias against women, which is so prevalent in our banking institutions. There is both overt and covert exclusion in the system. Second, there is no guarantee that the all-women bank is going to **mitigate** the problem of financial exclusion of Indian women. My scepticism also **stems** from the limited success of other previous attempts at focused banking, such as the setting up of the regional rural banks. In order to assess the likely impact of the proposed womenonly bank, it would be interesting to draw an analogy with the launching of the regional rural banks in the 1970s. The RRBs were set up in 1976 as special conduits of credit delivery in rural India. They were supposed to combine the "local feel and familiarity of rural problems with the professionalism and large resource base of commercial banks". Thus, there was an acknowledgment that mainstream commercial banks could not effectively cater to the needs of the villages, so a new type of locally oriented banks, the RRBs had to be set up. This is very similar to the proposed women's bank's ambition "to address the genderrelated issues of financial inclusion". On the face of it, there is nothing wrong in setting up new institutions that target specific segments of the population. However, we have seen in the case of the RRBs that, less than ten years into operation, their financial viability became a matter of concern. Starting from 1981, more than 10 committees were set up to address various issues (of financial viability, reconstruction and amalgamation, manpower and human resources and technological upgradation) relating to operation of the RRBs. Following this, the RRBs went through the process of recapitalisation and amalgamation so as to make them financially sound. Due to amalgamation and mergers, some RRBs have become large entities that defeat the very concept of "locally oriented" banks. Ironically the number of urban and metropolitan branches of RRBs has increased over the years, while that of their rural branches has declined. Between 1992 and 2009, there was a 22-percentage point decline in the proportion of rural bank branches of RRBs while there was a 16-percentage point increase in the share of their nonrural branches. Thus the creation of "localised rural banks" as a means for tackling the "lack of familiarity of rural problems on the part of mainstream commercial banks" does not seem to have served its purpose. In fact, rural India is much more financially excluded today when compared to the 1990s, both in terms of banking outlets and availability of institutional credit. Going by this analogy, it must be asked if the women only bank can promote financial inclusion of India women unless we address the core issue of exclusion at a more fundamental level. Attitudinal changes in our banking system should be an essential and integral part of all our efforts to promote financial inclusion. Not too long ago, the Rangarajan Committee on financial inclusion had emphasised the correction of mindsets of the bank staff. Citing a study conducted in Madhya Pradesh, the committee highlighted that the "majority of the bank branch managers held negative attitudes towards lending to (the) poor, although (the) poor, if guided properly, not only succeed as entrepreneurs but also are good repayers". There is no doubt that if the poor happens to be a woman, this **discrimination** gets doubled.

**131.** Why is the author apprehensive about the success of the women's bank?

- Because women are not so competent as men.
- Because previous attempts at focused banking such as the setting up of the RRBs have shown limited success.
- Because there is no ready infrastructure for the setting up of the all-women's bank.
- The government itself is under severe financial constraints as of now.
- All the above

**132.** Find the incorrect statement regarding Regional Rural Banks.

- The RRBs were set up as a special channel of credit delivery in rural India.
- The RRBs were set up to cater to the needs of the villages.
- The number of urban branches of RRBs has increased over the years.
- The number of both rural and metropolitan branches of RRBs has increased over the years.
- None of these

**133.** Which of the following statements is/are true about the operation of RRBs in the first decade of their inception?

- They did not reflect the desired results as expected at the time of their launch.
- To make the RRBs financially sound the process of mergers and amalgamation were adopted.
- Various committees were formed to address various issues related to operations of the RRBs.
- Only 1) and 3)
- All 1), 2) and 3)

**134.** What is/are the reason(s) for setting up of the all women's bank?

- Financial inclusion of Indian women
- To address the core issue of attitudinal bias against women
- To provide financial assistance and loans only to women professionals



- a) All (A), (B) and (C)
- b) Only (A) and (B)
- c) Only (A) and (C)
- d) Only (B) and (C)
- e) Only (A)

**135.** Which of the following needs to be done to promote financial inclusion?

- a) General mindset towards women in general and poor women in particular needs to be changed.
- b) Women should be granted financial aids at comparatively low rate of interest.
- c) Women at village level should be educated through meetings, hoardings, banners and posters.
- d) It should be made mandatory to bring all rural women under the umbrella of financial inclusion.
- e) None of these

**Directions (Q. 136-138): Choose the word/group of words which is MOST SIMILAR in meaning to the word/group of words printed in bold as used in the passage.**

**136. Discrimination**

- a) description b) insight c) revelation d) distinction e) contradiction

**137. Core**

- a) right b) temporary c) central d) vast e) burning

**138. Stems**

- a) declines b) moves c) extracts d) trunks e) originates

**Directions (Q. 139-140): Choose the word/group of words which is MOST OPPOSITE in meaning of the word/group of words printed in bold as used in the passage.**

**139. Exciting**

- a) repulsive b) provoking c) interesting d) useful e) elating

**140. Mitigate**

- a) allay b) enhance c) relieve d) waste e) vindicate

## **General and Financial Awareness**

**141.** The Rajya Sabha Chairman turned down liquor baron Vijay Mallya's resignation on procedural grounds recently. Name the present chairman of Rajya Sabha.

- (a) KV Thomas
- (b) Mohd Hamid Ansari
- (c) Najma Heptullah
- (d) K Rahman Khan
- (e) PJ Kurien

**142.** Which state govt launched Chandranna Bima Yojana, an insurance scheme for the working class people recently?

- (a) Telangana
- (b) Tamil Nadu
- (c) Karnataka
- (d) Andhra Pradesh
- (e) Kerala

**143.** The initiative named MICE, launched by the central govt recently is aimed at up-gradation of which sector in India?

- (a) Tourism
- (b) Health
- (c) Coal
- (d) Electricity
- (e) Space

**144.** Time magazine's 2016 list of the 100 most reputable universities in the world is topped by?

- (a) University of Oxford
- (b) University of Cambridge
- (c) Stanford University
- (d) Massachusetts Institute of Technology
- (e) Harvard University

**145.** The BCCI has recommended Indian Test captain Virat Kohli for the Rajiv Gandhi Khel Ratna Award and \_\_\_\_\_ for the Arjuna award.

- (a) Ravichandran Ashwin
- (b) Rohit Sharma
- (c) Ajinkya Rahane
- (d) Shikhar Dhawan
- (e) Ravindra Jadeja

**146.** The ADMM-Plus(ASEAN Defence Ministers' Meeting Plus) Exercise on Maritime Security and Counter Terrorism

was held recently in?

- (a) Cambodia
- (b) Thailand
- (c) Brunei
- (d) Vietnam
- (e) Papua New Guinea

**147.** India has agreed to pay Iran an interest of what per cent on \$6.5 billion that refiners owe it in oil dues?

- (a) 0.5 per cent
- (b) 1 per cent
- (c) 1.25 per cent
- (d) 1.5 per cent
- (e) 1.75 per cent

**148.** The BHEL recently commissioned a 600 MW coalbased thermal power plant in Jhabua Thermal Power Project (TPP) located in Seoni district in?

- (a) Rajasthan
- (b) Madhya Pradesh
- (c) Maharashtra
- (d) Gujarat
- (e) Uttar Pradesh

**149.** The International Monetary Fund(IMF) retained India's growth forecast at what per cent for FY17 recently?

- (a) 6.7 per cent
- (b) 6.9 per cent
- (c) 7.1 per cent
- (d) 7.3 per cent
- (e) 7.5 per cent

**150.** Name the cricketer who has been roped in as the country's goodwill ambassador for the upcoming Rio Olympics. He will accompany Salman Khan and Abhinav Bindra.

- (a) Sachin Tendulkar
- (b) MS Dhoni
- (c) Kapil Dev
- (d) Virat Kohli
- (e) Sunil Gavaskar

**151.** Union Minister of Petroleum and Natural Gas Dharmendra Pradhan has said that Under the Direct Benefit Transfer Scheme more than 15 crore people have been benefited and government saved around how much in the last two years?

- (a) Rs 72,400 crore
- (b) Rs 52,500 crore
- (c) Rs 84,700 crore
- (d) Rs 22,000 crore
- (e) None of the above

**152.** Mexico support to India's membership to the Nuclear Supplier Group and working towards elevating relationship from Privilege Partners to Strategic Partnership were two important outcomes of the bilateral talks held by Prime Minister Narendra Modi with Mexican President. Who is the present president of Mexico?

- (a) Ollanta Humala
- (b) Enrique Pena Nieto
- (c) Yingluck Shinawatra
- (d) Rosen Plevneliev
- (e) None of the above

**153.** India has expressed concern over the continuous decline in contributions to the UN Development Programme (UNDP) at a time when the agency has to step up its activities and assist member states in their efforts to achieve the ambitious 2030 development agenda. Where is the headquarter of UNDP?

- (a) Paris, France
- (b) Nairobi, Kenya
- (c) Brussels, Belgium
- (d) Tokyo, Japan
- (e) New York, USA

**154.** Maria Sharapova has been banned for two years by the International Tennis Federation for using a prohibited drug. She belongs to which of the following country?

- (a) USA

- (b) France
- (c) Russia
- (d) Denmark
- (e) China

**155.** T S John has passed away at a hospital recently. He was the former assembly speaker of?

- (a) Kerala
- (b) Tamil Nadu
- (c) Karnataka
- (d) Bihar
- (e) Gujarat

**156.** Asian Development Bank has approved a USD 100 million (around Rs. 660 crores) loan to strengthen a key irrigation system and improve water management in the Vennar sub-basin of Cauvery Delta in which state?

- (a) Kerala
- (b) Madhya Pradesh
- (c) Maharashtra
- (d) Gujarat
- (e) Tamil Nadu

**157.** The International Monetary Fund(IMF) approved 1.5 billion US dollar loan to which of the following country. IMF has already transferred 168 million US dollars as the first Installment with immediate effect to support the country's economy?

- (a) Greece
- (b) Jordan
- (c) Bulgaria
- (d) Sri Lanka
- (e) Qatar

**158.** The Union Government has decided to introduce International Yoga Award Scheme. The award will be introduced with an aim to promote yoga. Who is the present minister of State for AYUSH?

- (a) Dharmendra Pradhan
- (b) Rajyavardhan Singh Rathore
- (c) Shripad Yesso Naik
- (d) Jitendra Singh
- (e) None of the above

**159.** Thailand-based agro-industrial conglomerate Charoen Pokphand Foods Public Company Limited (CP Foods) has forayed into the packaged foods business in India with a new chicken processing plant in which of the following states?

- (a) Karnataka
- (b) Andhra Pradesh
- (c) Kerala
- (d) Gujarat
- (e) Maharashtra

**160.** The government under the Chief Minister's Nagarothana scheme will take up a slew of projects worth how much to revamp the IT City's (Bengaluru) infrastructure?

- (a) Rs 7,300 crore
- (b) Rs 28,100 crore
- (c) Rs 17,400 crore
- (d) Rs 95,200 crore
- (e) Rs 55,300 crore

**161.** Name the bank whose tagline is 'Good people to grow with' and its headquarter is situated at Chennai?

- (a) Indian Bank
- (b) Indian Overseas Bank
- (c) Corporation Bank
- (d) Canara Bank
- (e) Andhra Bank

**162.** Recently, Essar Mahan power plant of 600 MW unit at Mahan project has resumed commercial production after a gap of 17 months. In which state the plant is located?

- (a) Uttar Pradesh
- (b) Madhya Pradesh
- (c) Bihar
- (d) Rajasthan
- (e) Maharashtra

**163.** 'Anything But Khamosh'; The Shatrughan Sinha's Biography is authored by?

- (a) Bharathi S Pradhan

- (b) Pramod Kapoor
- (c) Amar Chitra Katha
- (d) Govind Pansare
- (e) Shantanu Guha Ray

**164.** Recently, the National Tiger Conservation Authority (NTCA) has accorded final approval to Kudremukh National Park and Rajaji National Park for being declared as tiger reserves. In which state/s these national parks are located?

- (a) Maharashtra and Uttarkhand respectively
- (b) Karnataka and Madhya Pradesh respectively
- (c) Uttarkhand and Madhya Pradesh respectively
- (d) Karnataka and Uttarkhand respectively
- (e) Madhya Pradesh and Uttarkhand respectively

**165.** The United Nations World Tourism Organization (UNWTO) is the United Nations agency responsible for the promotion of responsible, sustainable and universally accessible tourism. The Headquarters of UNWTO is situated at?

- (a) London, United Kingdom
- (b) Vienna, Austria
- (c) Rome, Italy
- (d) Geneva, Switzerland
- (e) Madrid, Spain

**166.** How much is the allocation for rural sector in the Union budget 2016-17?

- (a) 26,765 crore
- (b) 10,765 crore
- (c) 76,765 crore
- (d) 87,765 crore
- (e) None of the above

**167.** Who is the present Solicitor General of India?

- (a) Mukul Rohatgi
- (b) Ranjit Kumar
- (c) Nripendra Misra
- (d) Ajit Doval
- (e) None of the above

**168.** Argentina is a massive South American nation with terrain encompassing Andes mountains. What is the capital city of Argentina?

- (a) London
- (b) Paris
- (c) Buenos Aires
- (d) Damascus
- (e) None of the above

**169.** Thawar Chand Gehlot is an Indian politician who serves in the Narendra Modi government as a Cabinet minister in the Ministry of?

- (a) Women and Child Development
- (b) Information & Broadcasting
- (c) Power, Coal, New and Renewable Energy
- (d) Minister of External Affairs
- (e) Minister of Social Justice and Empowerment

**170.** The Grand Slam tournaments, also called majors, are the four most important annual events. Grand Slam is famous in which of the following games?

- (a) Tennis
- (b) Cricket
- (c) Chess
- (d) Football
- (e) None of the above

**171.** Which Bank formalized the MoU for the listing of the \$500-million green bond on the London Stock Exchange?

- (a) Bharatiya Mahila Bank
- (b) Axis Bank
- (c) State Bank of India
- (d) Bandhan Bank
- (e) Yes Bank

**172.** RBI will purchase government securities for a total \_\_\_\_\_ crore to inject liquidity into the market.

- (a) Rs.8000cr
- (b) Rs.10000cr
- (c) Rs.12000cr
- (d) Rs.15000cr
- (e) Rs.20000cr

**173.** Which e-commerce company plans to launch grocery delivery?

- (a) Amazon
- (b) Paytm
- (c) Flipkart
- (d) Snapdeal
- (e) None of the above

**174.** Which company donates cloud computing 'worth \$1 billion' in the hands of non-profit groups and university researchers free of charge?

- (a) Alphabet
- (b) Google
- (c) Microsoft
- (d) Micromax
- (e) Apple Inc

**175.** Which Company is bringing Carter's Inc., a leading American brand of children's clothing, gifts and accessories, to its chain of BabyOye stores across India?

- (a) Hinduja Group
- (b) Mahindra Group
- (c) Tata group
- (d) Hyundai
- (e) Suzuki

**176.** The Japan International Cooperation Agency (JICA) has pledged a loan for around Rs 4,000 crore for two major highways projects in Mizoram and \_\_\_\_\_.

- (a) Tripura
- (b) Haryana
- (c) Kerala
- (d) Meghalaya
- (e) Chhattisgarh

**177.** The Economic Survey is compiled by the \_\_\_\_\_

- (a) Ministry of Home Affairs
- (b) Ministry of Finance
- (c) Ministry of Rural Development
- (d) Central Board of Direct Taxes
- (e) None of these

**178.** World Economic and Prospects is published by?

- (a) World Bank
- (b) IMF
- (c) ADB
- (d) United Nations
- (e) None of these

**179.** The Reserve Bank of India (RBI) has signed a Memorandum of Understanding (MoU) on Supervisory Cooperation and Exchange of Supervisory information with which bank?

- (a) Bank of Israel
- (b) Bank of Japan
- (c) Bangladesh bank
- (d) People's bank of China
- (e) None of these

**180.** Which of the following statements is true regarding Reserve Bank of India.

- (1) Sir Osborne Smith was the first Governor of the Reserve Bank.
- (2) Dr. Raghuram Rajan assumed charge as the 23<sup>rd</sup> Governor of the Reserve Bank of India on September 4, 2013.
- (3) Chintaman Dwarkanath Deshmukh, was the first Indian Governor of the Bank.
- (4) RBI central office got relocated to Mumbai in 1937
- (5) None of these

- (a) Only 1
- (b) 1 and 3
- (c) 1,2,3 and 4
- (d) 1 and 2

(e) Only 4

**181.** The Afghan passport has been identified as the least powerful in the world. Passport of which country is the most powerful passport in the world ?

- (a) Germany
- (b) Switzerland
- (c) USA
- (d) China
- (e) India

**182.** Which bollywood actor has been awarded with the Master Dinanath Mangeshkar Award?

- (a) Ranveer Singh
- (b) Salman Khan
- (c) Abhishek Bachchan
- (d) Ranbeer Kapoor
- (e) None of these

**183.** According to the Economic Survey 2015-16, what per cent of earning people is paying tax in India?

- (a) 5.50%
- (b) 5.80%
- (c) 6.10%
- (d) 6.00%
- (e) 5.00%

**184.** Which state will host the popular National Lagori Championship 2016 ?

- (a) Rajasthan
- (b) Kerala
- (c) Goa
- (d) Haryana
- (e) Punjab

**185.** What is the rank of Reliance Industries Chairman Mukesh Ambani in Forbes' Billionaires List 2016?

- (a) 34th
- (b) 21th
- (c) 36th
- (d) 37th
- (e) 40th

**186.** What is India's projected GDP growth by Japanese financial services firm Nomura for 2016-17?

- (a) 7.8%
- (b) 7.5%
- (c) 7.4%
- (d) 7.0%
- (e) 7.7%

**187.** China and \_\_\_\_\_ agreed to expand trade to \$600 bn in a decade.

- (a) Malaysia
- (b) Iraq
- (c) Philippines
- (d) Indonesia
- (e) Iran

**188.** Centre has approved how much of worth to Mumbai Trans Harbour Link?

- (a) Rs.11370 cr
- (b) Rs.12370 cr
- (c) Rs.13370 cr
- (d) Rs.14370 cr
- (e) Rs.15370 cr

**189.** The government announced a \_\_\_\_\_ per year credit guarantee mechanism to support innovative start-ups in the country while launching start-up action plan recently.

- (a) Rs.500cr
- (b) Rs.1000cr
- (c) Rs.1500cr
- (d) Rs.2000cr
- (e) None of the above

**190.** Which among the following central banks took one of its main interest rates into negative territory recently?



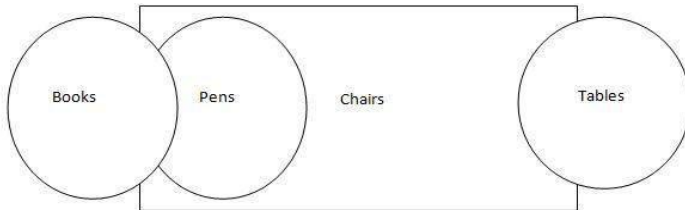
- (a) Bank of Korea
- (b) Peoples Bank of China
- (c) Bank of Japan
- (d) Federal Bank
- (e) None of these

## Solution

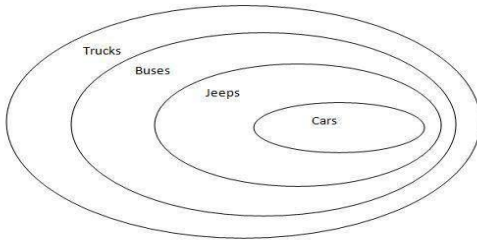
### SBI Clerk Mains 2016- Model Mock Test-1 (Answers and Solutions)

Direction (01-05):

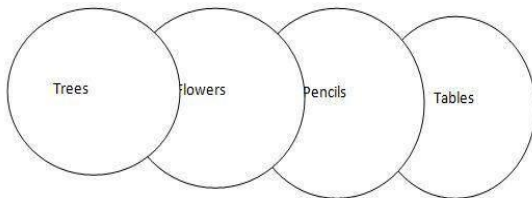
1.



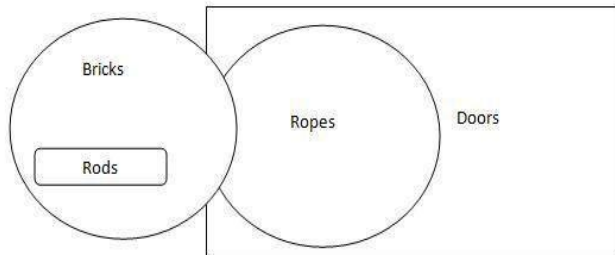
2.



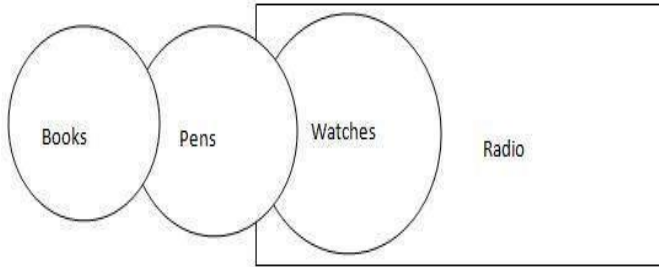
3.



4.



5.



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

**Direction (06-10):**

'A © B' means "A > B"

'A % B' means "A < B"

'A @ B' means "A ≥ B"

'A \$ B' means "A ≤ B"

'A # B' means "A = B"

6. L ≥ B , B = H, H > T

L = T

B ≥ T

L ≥ T

None follows

7. F ≤ C , C ≥ R, R = W

W ≤ C follows

F ≥ R not follows

C > W not follows

8. R = E , E ≥ D, D < A

R > A

R = D

A > E

None follows

9. V ≤ Z , Z > M, M < H

M ≥ V

H = V

V > M

None follows

10. M ≥ U , U = S , S ≥ F

M = S

U = F

M > S

Either I or III follows

6. A

7. C

8. A

9. D

10. A

answer the given question - sa pa ka la ... (i)

write the question - sa la ta ... (ii)

answer is wrong - ha ja pa ... (iii)

read the answer - sa na pa ... (iv)

11. A

12. B

13. D



14. B

15. C

**Direction (16-20):**

261 489 643 586 729

16. After adding 2 to the first digit in each of the numbers. Thus 843 and 786.

17. The third digit of the second smallest number is 9. The third digit of the largest number is 9. Then, required answer =  $9/9 = 1$

18. After rearrangement, 621 984 643 865 972

19. After rearrangement in ascending order of the numbers from left to right. 261, 489, 586, 643, 729 Now, sum of the digits of the second number from the right =  $6 + 4 + 3 = 13$

20. After rearrangement, 162, 984, 346, 685, 927 Thus, second highest number is 927, which comes from 729.

16. C

17. A

18. B

19. C

20. A

Person	City	Name
X	Mumbai	Google
V	Kolkata	Twitter
Y	Kolkata	Walmart
Z	Mumbai	Facebook
W	Chennai	Infosys
U	Delhi	Tata

21. B

22. C

23. B

24. B

25. D

26. B

27. C

28. A

29. D

30. B

D	B	F	C	A	E
Lychee	Mango	Pomegrante	Orange	Grape	Sweet lime

31. C

32. C

33. A

34. D

35. D

36. D

37. D

38. B

39. C

40. B

41. C

42. C

43. C

44. A

45. D

46. B

47. C

48. C

49. A

50. A

51. A

52. C

53. A

54. E  
55. A  
56. E  
57. C  
58. B  
59. B  
60. D  
61. B  
62. D  
63. C  
64. E  
65. C  
66. C  
67. B  
68. D  
69. B  
70. A  
71. D  
72. C  
73. B  
74. B  
75. C  
76. D  
77. C  
78. D  
79. E  
80. B  
81. A  
82. D  
83. B  
84. A  
85. E  
86. A  
87. A  
88. C  
89. E  
90. C  
91. C  
92. B  
93. C  
94. D  
95. A  
96. D  
97. E  
98. A  
99. D  
100. D

$$51. ? = 17/1276 * 326656 + ? = 9938$$

$$\text{or, } 17 \times 256 + ? = 9938$$

$$\text{or, } 4352 + ? = 9938$$

$$\text{or, } ? = 9938 - 4352 = 5586$$

$$52. 42 * 445 + ? * 354 = 289.56$$

$$100 \quad 100$$

$$\text{or, } 186.9 + 354 * ? = 289.56$$

$$100$$

$$\text{or, } 354 * ? = 289.56 - 186.9 = 102.66$$

$$100$$

$$\text{or, } 102.66 * 100 = 29$$

354

$$53. ? = \frac{3}{8} * \frac{4}{7} * \frac{7}{9} * 738 = 123$$

$$54. \frac{3}{5} * \frac{2}{7} * ? = 534$$

$$\text{or, } ? = 534 * 35 = 3115$$

6

$$55. (99736 + 97369 + 99678 + 84767) \div (963 + 889 + ? + 1922) = 65$$

$$\text{or, } 381550 \div (3774 + ?) = 65$$

$$\text{or, } 3774 + ? = 381550$$

65

$$\text{or, } 3774 + ? = 5870$$

$$\text{or, } ? = 2096$$

$$56. ? * 100 = 748/17 = 44$$

100

$$\text{or, } ? = 440/11 = 40$$

$$57. ? = 40/100 * 60/100 * \frac{3}{5} * 2750 = 396$$

$$58. ? = 134.27 - 48.76 + 519.08 - 178.60 = 425.99$$

$$59. ? = (180 \times 0.36) \div 0.4 = 64.8 \div 0.4 = 162$$

$$60. ? = 44544/348 = 128$$

$$61. ? = (1107 \div 27) \times 3.5 = 41 \times 3.5 = 143.5$$

$$62. ? = 27500 \times 0.12 \times 0.15 \times 0.4 = 198$$

$$63. ? = 4 \times (8.4 \times 6.5) + (4.6 \times 11.5) = 4 \times (54.6 + 52.9) = 4 \times 107.5 = 430$$

$$64. ? = (4.8 \times 5.5) - (3.2 \times 7.5) = 26.4 - 24 = 2.4$$

$$65. 42 * ? = 4116$$

100

$$\text{or, } ? = 4116 * 100 = 9800$$

42

$$66. \text{ The series is } 3 \times 2 + 3 = 9, 9 \times 3 - 4 = 23, 23 \times 4 + 5 = 97, 97 \times 5 - 6 = 479, 479 \times 6 + 7 = 2881, 2881 \times 7 - 8 = 20159$$

Hence, there should be 97 in place of 99.

$$67. \text{ The series is } 1 \times 2 + 1 = 3, 3 \times 2 + 0 = 6, 6 \times 2 - 1 = 11, 11 \times 2 - 2 = 20, 20 \times 2 - 3 = 37, 37 \times 2 - 4 = 70.$$

Hence, there should be 37 in place of 39.

$$68. \text{ The series is } 50 + 12 = 51, 51 - 22 = 47, 47 + 32 = 56, 56 - 42 = 40, 40 + 52 = 65, 65 - 62 = 29.$$

Hence, there should be 40 in place of 42.

$$69. \text{ The series is } 2 \times 2 + 7 = 11, 11 \times 3 - 6 = 27, 27 \times 4 + 5 = 113, 113 \times 5 - 4 = 561, 561 \times 6 + 3 = 3369, 3369 \times 7 - 2 = 23581.$$

Hence, there should be 11 in place of 13.

$$70. \text{ The series is } x0.5 + 0.5, x1 + 1, x 1.5 + 1.5, x 2 + 2, x 2.5 + 2.5, x 3 + 3...$$

Hence, there should be 5 in place of 6.

$$71. \text{ The series is } *2-1, *3-2, *4-3, *5-4, *6-5$$

$$72. \text{ The series is } +3 * 2, +3 * 6, +3 * 18, +3 * 54, +3 * 162$$

$$73. \text{ The whole series is } *0.5 + 4$$

$$74. \text{ The whole series is } /2 + 2$$

$$75. \text{ The series is } *0.5 + 0.5, *1.5 + 1.5, *2.5 + 2.5, *3.5 + 3.5, *4.5 + 4.5$$

$$76. \text{ Amount of work A can do in 1 day} = 1/6$$

$$\text{Amount of work B can do in 1 day} = 1/8$$

$$\text{Amount of work A + B can do in 1 day} = 1/6 + 1/8 = 7/24$$

$$\text{Amount of work A + B + C can do} = 1/3$$

$$\text{Amount of work C can do in 1 day} = 1/3 - 7/24 = 1/24$$

$$\text{work A can do in 1 day: work B can do in 1 day: work C can do in 1 day}$$

$$= 1/6 : 1/8 : 1/24 = 4 : 3 : 1$$

Amount to be paid to C =  $3200 \times (1/8) = 400$

77. Consider Ayisha's present age =  $x$

Then her father's age =  $6x$

Given that Ayisha's father's age will be twice the age of Sreder's age after 10 years

= Sreder's age after 10 years =  $\frac{1}{2}(6x + 10) = 3x + 5$

Also given that Sreder's eight birthdays was celebrated two years before =>

Sreder's age after 10 years =  $8 + 12 = 20$

=  $3x + 5 = 20$

=  $x = 15/3 = 5$

= Ayisha's present age = 5 years

78. Speed of the boat in still water = 22 km/hr

speed of the stream = 5 km/hr

Speed downstream =  $(22+5) = 27$  km/hr

Distance travelled downstream = 54 km

Time taken = distance/speed =  $54/27 = 2$  hours

79. Let B joins for  $x$  months. Then A:B =  $85000 \times 12 : x \times$

$42500 = 3 : 1$

=  $850 \times 12 : 425x = 3 : 1$

=  $850 \times 12 / 425x = 3/1 = 3$

=  $850 \times 4 / 425x = 1$

=  $2 \times 4 / x = 1$

=  $x = 8$

80. Relative speed =  $60+90 = 150$  km/hr (Since both trains are moving in opposite directions)

Total distance =  $1.1+.9 = 2$  km

Time =  $2/150$  hr =  $1/75$  hr =  $3600/75$  seconds =

$1200/25 = 240/5 = 48$  seconds

81. Amount of work P can do in 1 day =  $1/15$

Amount of work Q can do in 1 day =  $1/20$

Amount of work P and Q can do in 1 day =  $1/15 + 1/20 = 7/60$

Amount of work P and Q can together do in 4 days =  $4 \times (7/60) = 7/15$

Fraction of work left =  $1 - 7/15 = 8/15$

82. Ratio of the present age of Kalam and Syam =  $5 : 4$

= Let the present age of Kalam =  $5x$

Present age of Syam =  $4x$

After 3 years, ratio of their ages =  $11:9$

=  $(5x + 3) : (4x + 3) = 11 : 9$

=  $(5x+3) / (4x+3) = 11/9$

=  $9(5x + 3) = 11(4x + 3)$

=  $45x + 27 = 44x + 33$

=  $x = 33-27 = 6$

Syam's present age =  $4x = 4 \times 6 = 24$

83. Man's speed with the current = 15 km/hr

= speed of the man + speed of the current = 15 km/hr

= speed of the current is 2.5 km/hr

Hence, speed of the man =  $15 - 2.5 = 12.5$  km/hr

man's speed against the current = speed of the man - speed of the current

=  $12.5 - 2.5 = 10$  km/hr

84. Suraj invest 20000 for initial 6 months and 15000 for the next 6 months.

Hence his term of ratio

=  $(20000 \times 6 + 15000 \times 6)$

Kiran invest Rs.30000 for 4 months and Rs.50000 for

next 4 months.

Hence his term of ration

$$= (30000 \times 4 : 50000 \times 4)$$

$$\text{Suraj} : \text{Kiran} = (20000 \times 6 + 15000 \times 6) : (30000 \times 4 : 50000 \times 4)$$

$$= (20 \times 6 + 15 \times 6) : (30 \times 4 + 50 \times 4)$$

$$= (20 \times 3 + 15 \times 3) : (30 \times 2 : 50 \times 2)$$

$$= 105:160$$

$$= 21:32$$

85. Assume the length of each train = x

Total distance covered for overtaking the slower train =

$$x+x = 2x$$

$$\text{Relative speed} = 46-36 = 10\text{km/hr} = (10 \times 10)/36 = 100/36 \text{ m/s}$$

$$\text{Time} = 36 \text{ seconds}$$

$$2x / (100/36) = 36$$

$$= (2x \times 36) / 100 = 36$$

$$= x = 50 \text{ meter}$$

86. Let CP of P be x Rs

$$= 115x/100 \times 90/100 = 517.5$$

$$x = 500$$

$$87. \text{ Part filled in 7 min.} = 7 \times ((1/36) + (1/45)) = (7/20).$$

$$\text{Remaining part} = (1 - (7/20)) = (13/20).$$

Net part filled in 1min. when A,B and C are

$$\text{opened} = (1/36) + (1/45) - (1/30) = (1/60).$$

Now, (1/60) part is filled in one minute.

$$(13/20) \text{ part is filled in } (60 \times (13/20)) = 39 \text{ minutes.}$$

88. Let the LP be 100

$$\text{So, cost price} = 100 \times 70\% = 70$$

$$\text{SP} = 100 \times 160\% = 160$$

$$\text{Profit} = 160 - 70 = 90$$

$$\text{When profit is 90, LP} = 100$$

$$\text{When profit is 81 LP} = 100 \times 81 = 90$$

$$90$$

$$89. P[(1+r/100)]^6 / [(1+r/100)]^7 = 1 / [1+(r/100)] = 100/(100+r)$$

$$\text{Now, } 100/(100+18) = 100/118 = 25/27$$

$$\text{Required ratio} = 25:27$$

$$90. \text{ Distance} = 75 \times (90/60)$$

$$\text{Now, new average speed} = 75 - 21 = 54 \text{ kmph}$$

Now, let the time taken by the new average be x hours

$$(75 \times 90)/60 = (54 \times x)/60$$

$$X = (75 \times 90)/54 = 125 \text{ minutes}$$

$$\text{Time} = 2 \text{ hours } 5 \text{ minutes}$$

91.

$$\text{I. } x^2 + 3x - 40 = 0$$

$$\text{or, } x^2 + 8x - 5x - 40 = 0$$

$$\text{or, } x(x + 8) - 5(x + 8) = 0$$

$$\text{or, } (x - 5)(x + 8) = 0$$

$$\text{or, } x = 5, -8$$

$$\text{II. } y^2 - 14y + 48 = 0$$

$$\text{or, } y^2 - 6y - 8y + 48 = 0$$

$$\text{or, } y(y - 6) - 8(y - 6) = 0$$

$$\text{or, } (y - 6)(y - 8) = 0$$

$$\text{or, } y = 6, 8$$

Hence,  $x < y$

92.

$$\text{I. } x^2 + x - 2 = 0$$

$$\text{or, } x^2 + 2x - x - 2 = 0$$

$$\text{or, } x(x + 2) - 1(x + 2) = 0$$

$$\text{or, } (x - 1)(x + 2) = 0$$

$$x = 1, -2$$

**II.**  $y^2 + 5y + 6 = 0$

$$\text{or, } y^2 + 2y + 3y + 6 = 0$$

$$\text{or, } y(y + 2) + 3(y + 2) = 0$$

$$\text{or, } (y + 2)(y + 3) = 0$$

$$\text{or, } y = -2, -3$$

Hence,  $x \geq y$

93.

$$\text{eqn (I) } 8 \text{ eqn (II) } 7$$

$$56x - 40y = 88$$

$$-56x + 49y = 357$$

$$89y = 445$$

$$\text{or, } y = 5 \text{ and } x = -2$$

Hence,  $x < y$

94.

**I.**  $x^2 = 49$

$$\text{or, } x = +7, -7$$

**II.**  $y^2 - 16y + 63 = 0$

$$\text{or, } y^2 - 7y - 9y + 63 = 0$$

$$\text{or, } y(y - 7) - 9(y - 7) = 0$$

$$\text{or, } (y - 7)(y - 9) = 0$$

$$\text{or, } y = 7, 9$$

Hence,  $x \leq y$

95.

**I.**  $2x^2 + 13x + 21 = 0$

$$\text{or, } 2x^2 + 6x + 7x + 21 = 0$$

$$\text{or, } 2x(x + 3) + 7(x + 3) = 0$$

$$\text{or, } (2x + 7)(x + 3) = 0$$

$$\text{or, } x = -7/2, -3$$

**II.**  $2y^2 + 16y + 11y + 88 = 0$

$$\text{or, } 2y(y + 8) + 11(y + 8) = 0$$

$$\text{or, } (2y + 11)(y + 8) = 0$$

$$\text{or, } y = -8, -11/2$$

Hence,  $x > y$

96. D

$$\text{Required \% increase} = (240 - 180) / 180 \times 100 ; 60$$

$$/ 180 * 100 = 100/3 = 33 \frac{1}{3}\%$$

97. E

From the graph – in 2001.

98. A

$$\text{Average} = (180 + 240 + 200) / 3 = 620 / 3 = 206.6 \text{ crore}$$

$$= 210 \text{ crore.}$$

99. D

$$\text{Required ratio} = (140 + 180 + 160) / (200 + 180 + 220)$$

$$= 480 / 600 = 4 : 5$$

100. D

$$\text{Required \%} = 200 / 240 \times 100 = 250 / 3 \% = 88$$

$$1/3\%$$

101. D

102. E

103. A

104. C

105. C

106. D Delete 'at'.

107. E No error

108. B Substitute 'seized' for 'seize'.

109. C Substitute 'every year' for 'all years'.

110. E No error  
111. D  
112. C  
113. A  
114. E  
115. B  
(111-115): DACEFB  
116. D  
117. B  
118. C  
119. E  
120. B  
121. B  
122. C  
123. A  
124. E  
125. B  
126. D  
127. D  
128. A  
129. C  
130. E  
131. B  
132. D  
133. E  
134. B  
135. A  
136. D  
137. C  
138. E  
139. A  
140. B  
141. B  
142. D  
143. A  
144. E  
145. C  
146. C  
147. D  
148. B  
149. E  
150. A  
151. D  
152. B  
153. E  
154. C  
155. A  
156. E  
157. D  
158. C  
159. B  
160. A  
161. B  
162. B  
163. A  
164. D  
165. E  
166. D  
167. B  
168. C

- 169. E
- 170. A
- 171. E
- 172. B
- 173. A
- 174. C
- 175. B
- 176. D
- 177. B
- 178. A
- 179. A
- 180. C
- 181. A
- 182. A
- 183. A
- 184. A
- 185. C
- 186. A
- 187. E
- 188. A
- 189. A
- 190. C