

## SBI CLERK PRE-MEMORY BASED 2019 (Question)

### English Language

**Directions (71-78)**- Read the following passage and answer the following questions based on the given passage. Some of the words are highlighted which would help you to answer some of the questions given.

For years, world-wide organisations have become increasingly excited about the prospect of a cloud-based future. As the dream becomes an ever closer reality for many kinds of business and, Forrester predicted that enterprise spending on cloud services is **set to surge**. IDC also predicted that global spending on public cloud services and infrastructure would reach \$210bn in 2019, an increase of 24% from 2018. But one obstacle stands create friction and introduce risk: the process of migration.

As all indications point to a **massive** shift in data deployments to the cloud, it is more important than ever that the transition from on-premises to Cloud is as risk free as possible. In today's climate any loss or disruption to data can have a huge business impact. It's a complex process, is frequently underestimated and many organisations have found there's lots that can go wrong that can impact the business.

Organisations across the globe have found the cloud to be an ideal place to run modern data applications due to big data's elastic resource requirements. Furthermore, with the lack of data talent an ever-looming issue for most companies today they have been determined to **adopt** a cloud-first strategy to ensure business operations are accessible for a range of employees.

The cloud offers great promise for developers especially, as it can increase the speed at which they develop software features and increase the resilience of applications once they are deployed - along with enhanced security through the use of multiple server locations. With all this considered, it is no surprise that 42% of UK businesses leverage some kind of cloud service, according to Eurostat.

However, all the perceived benefits of leveraging the cloud are redundant if organisations come up against barriers to accessing cloud services. Cloud-based data pipelines still suffer from complexity challenges at the moment, along with the lack of visibility into cost and resource usage at the application and user level. The answer to this is automation fueled by robust Machine learning training models and artificial intelligence. These concepts and the tools that enable them can determine the prerequisites of cloud infrastructure, application dependencies, the appropriate target cloud instance profiles, and provide troubleshooting in real-time.

To summarise, the promise of the cloud has created a sense of excitement amongst enterprises, however, they have proceeded to go **full steam ahead** into adopting a cloud service, without sufficient data to **ensure** performance service level agreements (SLAs).

**71.** How can we tackle the risks associated with the process of migration?

- (a) By ensuring that organisations only migrate the apps to the cloud that will thrive in the cloud.
- (b) The surge in the investment in the cloud technology.
- (c) The use of predictive power of Artificial Intelligence.
- (d) The transition from on-premises to Cloud
- (e) None of these

72. Why the promise of the cloud has created a sense of excitement amongst enterprises?  
(a) As it ensures that business operations are accessible for a range of employees.  
(b) As the enterprise spending on cloud services is surging.  
(c) Reduction in the cost of operation it may entail.  
(d) The secure platform it provides to the data it stores.  
(e) None of these
73. How the process of migration stands as an obstacle to the cloud technology?  
(a) The expensive cost of providing safety to the data.  
(b) The lack of sound technology in Artificial Intelligence.  
(c) Complexities of the data migrated to the cloud  
(d) It exposes the companies to the risk of losing important information.  
(e) None of these
74. Which of the following statement(s) is/are correct in context of the passage?  
(1) The cloud technology can help in increasing the speed at which the software features are developed.  
(2) There is no risk associated with the cloud technology.  
(3) Cloud technology is not a very complex process.  
(a) Only (2)  
(b) Both (1) and (2)  
(c) Only (3)  
(d) Only (1)  
(e) All are correct
75. What is the meaning of the phrase “full steam ahead” ?  
(a) Interrupting an activity  
(b) Acting cautiously  
(c) Great increase  
(d) Progressing quickly.  
(e) Prudent progression
76. Which of the following words is most similar to the word “ADOPT” as given in the passage?  
(a) mold  
(b) deduce  
(c) Embrace  
(d) Creative  
(e) Fluster
77. Which of the following words is most similar to the word “ENSURE” as given in the passage?  
(a) Confirm  
(b) Paced  
(c) Redundant  
(d) Weaken  
(e) Reject
78. Which of the following words is **most OPPOSITE** to the word “MASSIVE” as given in the passage?  
(a) Prominent  
(b) Insignificant  
(c) Enlarged  
(d) Filthy  
(e) Vouch

**Directions (79-85):** Read each sentence to find out if there is any 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).

79. It is widely believe (a)/ that the village which is situated on the (b)/ eastern coast of India will be wiped out (c)/ within a decade. (d)/ No error. (e)
80. Yesterday I met (a)/ an old friend (b)/ when I am going (c)/ to the market. (d)/ No error.(e)
81. The criminal was (a)/ sentenced to the (b)/ death and was (c) hung for his crime (d)/ No error.(e)
82. FATF strongly urges (a)/ Pakistan to swiftly complete its action plan (b)/ by October 2019 to stop (c)/ terror funding in the country (d)/ No error.(e)
83. Elon musk is determined (a)/ to be success (b)/ in whatever field (c)/ he chooses. (d)/ No error.(e)
84. New purchasing power will increasingly (a)/ come from Asia and Africa where (b)/ the demographics are still favorable (c)/ for high income growth. (d)/ No error (e).
85. Not only the (a)/ students but also (b)/ the principal were(c)/ laughing at the joke he cracked.(d)/No error (e).

**Directions (86-90):** In each of the following sentences, there is a blank space. Below in each sentence, there are five words out of which one can be used to fill the blank to make the sentence grammatically and coherently correct. Find the most appropriate word that fit into the blank contextually.

86. There is nothing to indicate the building's past, \_\_\_\_\_ the fireplace.  
(a) except  
(b) included  
(c) belonged  
(d) barred  
(e) Foster
87. Two circus elephants that performed together \_\_\_\_\_ when crossing paths 23 years later  
(a) happy  
(b) believe  
(c) angered  
(d) rejoiced  
(e) greater
88. The law \_\_\_\_\_ farmers not only to save and resow (multiply) seeds, but also to sell them to other farmers, no matter what the original source of the seed is.  
(a) coverts  
(b) implements  
(c) emits  
(d) permits  
(e) deserts
89. Small farmers must be educated and \_\_\_\_\_ with proper incentive structures, to engage with agriculture.  
(a) fascinated  
(b) encouraged  
(c) discouraged  
(d) harvested  
(e) invited
90. Raipur despite being \_\_\_\_\_ between two rivers, the Krishna and the Tungabhadra, it is a dust bowl in May first week.  
(a) Surrounded  
(b) Located  
(c) Revealed  
(d) Settle  
(e) None of these.

**Directions (91-95):** Given sentences are not in their exact position. Rearrange them to make a coherent paragraph and then answer the questions given below.

**A.** It can even make exercise more fun and productive.

**B.** Plus, hearing others laugh, even for no apparent reason, can often trigger genuine laughter.

**C.** To add simulated laughter into your own life, search for laugh yoga or laugh therapy groups. Or you can start simply by laughing at other people's jokes, even if you don't find them funny.

**D.** A Georgia State University study found that incorporating bouts of simulated laughter into an exercise program helped improve older adults' mental health as well as their aerobic endurance.

**E.** Believe it or not, it's possible to laugh without experiencing a funny event—and simulated laughter can be just as beneficial as the real thing.

**91.** Which of the following should be the **FOURTH** sentence after the rearrangement?

(a) A

(b) B

(c) C

(d) D

(e) E

**92.** Which of the following should be the **SECOND** sentence after the rearrangement?

(a) A

(b) B

(c) C

(d) D

(e) E

**93.** Which of the following should be the **THIRD** sentence after the rearrangement?

(a) A

(b) B

(c) C

(d) D

(e) E

**94.** Which of the following should be the **FIRST** sentence after the rearrangement?

(a) A

(b) B

(c) C

(d) D

(e) E

**95.** Which of the following should be the **FIFTH** sentence after the rearrangement?

(a) A

(b) B

(c) C

(d) D

(e) E

**Directions (96-100):** In the following questions, a sentence is divided into four parts consisting of a highlighted word in each part. Choose the option reflecting the word which is either misspelt or grammatically incorrect. If all the highlighted words are correct, choose option (e) i.e. "all are correct" as your answer choice.



96. A British court has **ruled** that British arms **sales** to Saudi Arabia **wear** unlawful on Humanitarian **Grounds**.
- (a) ruled
  - (b) sales
  - (c) wear
  - (d) Grounds
  - (e) All are correct
97. I'm **tyred** of **hearing** politicians making **pious** pronouncements about their **devotion** to the people
- (a) tyred
  - (b) hearing
  - (c) pious
  - (d) devotion
  - (e) All are correct
98. It is likely that weaving **prospered** and partly **relocated** towards areas **within** easy reach of the army **contractors**.
- (a) prospered
  - (b) relocated
  - (c) within
  - (d) contractors
  - (e) All are correct
99. This cat and mouse **tactic** was **purposely** designed to provoke, **inrage** and **panic** the unemployed.
- (a) tactic
  - (b) purposely
  - (c) inrage
  - (d) panic
  - (e) All are correct
100. Indian democracy's **robustness** is underscored by high voter **turnouts**, and large number of **candedates** in the **fray**.
- (a) robustness
  - (b) turnouts
  - (c) candedates
  - (d) fray
  - (e) No correction required.

**SBI CLERK PRE-MEMORY BASED 2019 (Question)**

**Reasoning Ability**

**Direction (1-5):** Study the following information carefully and answer the questions given below:

Eight persons are sitting around a circular table facing to the center but not necessarily in the same order. Two persons sit between Q and P (either from left or right). R sits immediate to the right of Q. One person sits between R and S, who faces to T. Q and T are not immediate neighbors of each other. W sits 2<sup>nd</sup> to the left of V. Three persons sit between U and V.

1. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
  - (a) Q-W
  - (b) P-U
  - (c) S-W
  - (d) V-T
  - (e) Q-P
2. Who among the following sits immediate right of U?
  - (a) W
  - (b) R
  - (c) T
  - (d) S
  - (e) V
3. The number of persons sit between Q and T , when counted to right of Q is same as the number of persons sit between W and \_\_, when counted to the left of \_\_?
  - (a) P
  - (b) S
  - (c) T
  - (d) U
  - (e) None of these
4. Who among the following faces R?
  - (a) U
  - (b) V
  - (c) P
  - (d) W
  - (e) Q
5. Who among the following sits 3<sup>rd</sup> to the right of S?
  - (a) P
  - (b) U
  - (c) Q
  - (d) T
  - (e) None of these

**Direction (6-10):** Study the following information carefully and answer the questions given below:

Ten persons are sitting in two parallel rows containing five persons in each row such a way that there is an equal distance between adjacent persons. In the first row, A, B, C, D and E are seated and all of them are facing north. In the second row, P, Q, R, S and T are seated and all of them are facing south. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row.

E sits 2<sup>nd</sup> from one of the extreme end of the row. P faces the one who sits 2<sup>nd</sup> to the right of E. D sits 2<sup>nd</sup> to the left of B, who does not sit at the extreme end. Two persons sit between S and Q. R sits immediate left of S. C sits next to B.

6. Who among the following faces Q?
  - (a) B
  - (b) D
  - (c) A
  - (d) C
  - (e) None of these
7. Who among the following sits at the extreme end of the row?
  - (a) E
  - (b) T
  - (c) C
  - (d) R
  - (e) P
8. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
  - (a) Q
  - (b) A
  - (c) T
  - (d) D
  - (e) P
9. Who among the following sits 2<sup>nd</sup> to the right of P?
  - (a) S
  - (b) R
  - (c) Q
  - (d) T
  - (e) None of these
10. What is the position of A with respect to E?
  - (a) 3<sup>rd</sup> to the left
  - (b) Immediate to the left
  - (c) 2<sup>nd</sup> to the left
  - (d) 3<sup>rd</sup> to the right
  - (e) 2<sup>nd</sup> to the right
11. In the word 'PRODUCE', how many pairs of the letters have the same number of letters between them in the given word as they have in the English alphabet series?
  - (a) Four
  - (b) Two
  - (c) One
  - (d) Three
  - (e) More than four

**Direction (12-15):** In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

**12. Statements:** All Chocolate are Toffee. No Toffee is Muffin. Only a few Muffin are Dark.

**Conclusions:** I. No Chocolate is Muffin.  
II. Some Toffee can never be Dark.

- (a) If only conclusion II follows.
- (b) If only conclusion I follows.
- (c) If neither conclusion I nor II follows.
- (d) If either conclusion I or II follows.
- (e) If both conclusions I and II follow.

**13. Statements:** No Party is Gathering. All Summary are Gathering. Only a few Gathering are Committee.

**Conclusions:** I. Some Committee can be Summary.  
II. Some Party can be Committee.

- (a) If either conclusion I or II follows.
- (b) If only conclusion I follows.
- (c) If neither conclusion I nor II follows.
- (d) If only conclusion II follows.
- (e) If both conclusions I and II follow.

**14. Statements:** No Market is Home. Only a few Home are Room. Only a few Room is Vance.

**Conclusions:** I. Some Home are Vance.  
II. Some Market can never be Room.

- (a) If only conclusion I follows.
- (b) If neither conclusion I nor II follows.
- (c) If either conclusion I or II follows.
- (d) If only conclusion II follows.
- (e) If both conclusions I and II follow.

**15. Statements:** Some Ball are Garden. All Garden are Trade. Only a few Trade are Pump.

**Conclusions:** I. Some Ball are Pump.  
II. Some Garden can be Pump.

- (a) If only conclusion II follows.
- (b) If neither conclusion I nor II follows.
- (c) If either conclusion I or II follows.
- (d) If only conclusion I follows.
- (e) If both conclusions I and II follow.

**Direction (16-20):** Study the following information carefully and answer the questions given below:

Seven persons are buying different things. Only one person buy thing between C and A. B is buying thing immediately before C. Two persons buy things between C and D. C buy things after D. E buys thing immediately before D. More than three persons buy things between E and F. Only three persons buy things **between D and G.**

**16.** How many persons buy things between A and F?

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) More than four

17. Who among the following buy thing immediately after F?  
(a) D  
(b) B  
(c) G  
(d) A  
(e) No one
18. Who among the following buy thing immediately before G?  
(a) D  
(b) B  
(c) C  
(d) A  
(e) No one
19. How many person buy things before A?  
(a) One  
(b) Two  
(c) Three  
(d) Four  
(e) More than four
20. As many as persons are buying things before D as after \_\_\_?  
(a) E  
(b) B  
(c) F  
(d) A  
(e) G

**Direction (21-23):** Study the following information carefully and answer the questions given below:

Point S is 15m west of point R. Point R is 30m south of point Q. Point P is 20m west of point Q. Point U is 15m south of point P. Point T is 35 north of point S.

21. If point V is exactly between point Q and R, then how far and in which direction is point U with respect to V?  
(a) 15m, North-East  
(b) 15m, East  
(c) 10m, North-west  
(d) 20m, West  
(e) 20m, North-East
22. Four of the following are alike in a certain way, so form a group. Which of the following does not belong to that group?  
(a) P, T  
(b) U, Q  
(c) R, P  
(d) S, Q  
(e) U, T
23. If point W is in 5m east of point U, then what is the distance between point W and Point S?  
(a) 5m  
(b) 15m  
(c) 25m  
(d) 10m  
(e) 20m

**Direction (24-26):** Study the following information carefully and answer the questions given below:

A certain number of persons are sitting in the row. All of them are facing towards north. Q sits sixth from the right of S. T sits forth to left of Q. Only two persons sit between Q and P. R sits forth to the left of S. U sits between S and T. V sits second to the right of U. W is third from any of the end. S is eight from the left end of the row. Six persons sit between W and V.

24. How many numbers of persons could sit in the row?  
(a) 14  
(b) 18  
(c) 23  
(d) 15  
(e) 20
25. What is the position of 'W' with respect to Q?  
(a) Fourth to the right  
(b) Fifth to the right  
(c) Fourth to the left  
(d) Eighth to the right  
(e) Sixth to the left
26. If X sits immediate right of V then how many persons sit between X and P?  
(a) Five  
(b) Six  
(c) Four  
(d) Three  
(e) None of these
27. If it is possible to make only one meaningful word with the 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> letters of the word 'UNILATERAL' which would be the second letter of the word from the right end? If more than one such word can be formed give 'Y' as the answer. If no such word can be formed, give 'Z' as your answer.  
(a) Y  
(b) N  
(c) L  
(d) T  
(e) Z

**Directions (28-30):** In each of the question, relationships between some elements are shown in the statements. These statements are followed by conclusions numbered I and II. Read the statements and give the answer.

- (a) If only conclusion I follows.  
(b) If only conclusion II follows.  
(c) If either conclusion I or II follows.  
(d) If neither conclusion I nor II follows.  
(e) If both conclusions I and II follow.
28. **Statements:**  $A \geq B \geq C = D > E \leq F < G$   
**Conclusions:** I.  $E < B$   
II.  $G > E$
29. **Statements:**  $P \leq R < T = U$ ;  $Q \geq T \leq S \geq V$   
**Conclusions:** I.  $Q > P$   
II.  $V < R$
30. **Statements:**  $L > M = O \geq P$ ;  $N \leq M \geq S \geq T$   
**Conclusions:** I.  $T \leq P$   
II.  $N < L$

**Directions (31-35):** Study the following sequence and answer the given questions.

**A @ 3 4 % E N M \$ 8 6 & L D S # 9 8 6 Q Y Z 1 7 % R O G @ 2 I B 2 U &**

31. Which of the following element is sixth to the left of the fourteenth from the left end of the given arrangement?
- (a) 6
  - (b) %
  - (c) \$
  - (d) M
  - (e) None of these
32. If all the symbols are dropped from the series, which element will be twelfth from the right end?
- (a) 9
  - (b) Q
  - (c) R
  - (d) Y
  - (e) None of these
33. How many such numbers are there in the given series which are immediately preceded by a symbol and followed by a letter?
- (a) None
  - (b) One
  - (c) Two
  - (d) Three
  - (e) Four
34. How many such letters are there in the given series which are immediately preceded by number and immediately followed by a symbol?
- (a) One
  - (b) Two
  - (c) Three
  - (d) More than three
  - (e) None of these
35. Find the odd one out?
- (a) N64
  - (b) D86
  - (c) Y%8
  - (d) R27
  - (e) 8EL

**SBI CLERK PRE-MEMORY BASED 2019 (Question)**

**Numerical Ability**

**Directions (36-40):** What will come in the place of question mark (?) in the following number series:

36. 11, ?, 16, 21, 29, 41

- (a) 12
- (b) 14
- (c) 15
- (d) 13
- (e) 11

37. 1800, ?, 60, 15, 5, 2.5

- (a) 300
- (b) 600
- (c) 120
- (d) 240
- (e) 360

38. 4, 3, 4, 9, 32, ?

- (a) 75
- (b) 155
- (c) 125
- (d) 175
- (e) 165

39. ?, 100, 150, 375, 1312.5

- (a) 50
- (b) 100
- (c) 75
- (d) 25
- (e) 200

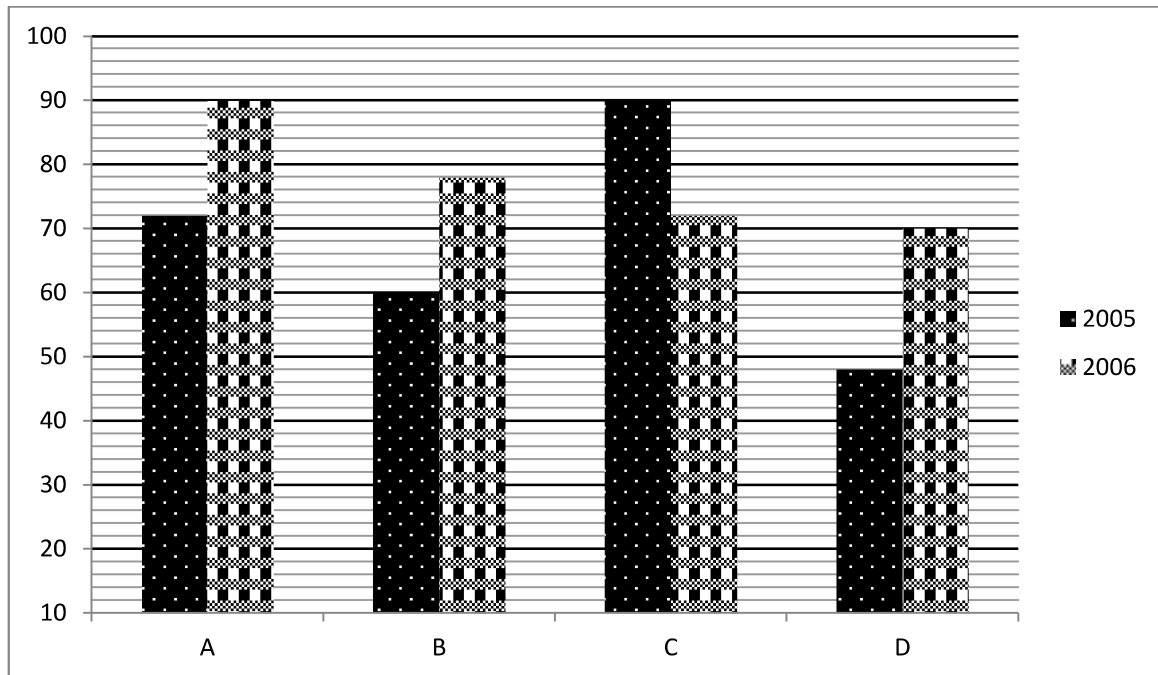
40. 0, 6, 24, 60, ?, 210

- (a) 130
- (b) 170
- (c) 90
- (d) 120
- (e) 150

**Directions (41-45):** Study the bar chart given below and answer the following questions.

Bar chart shows the number of books read by 4 different persons (A, B, C & D) in 2005 and 2006.





41. Find average number of books read by A, C & D in 2005.
- 64
  - 70
  - 75
  - 60
  - 56
42. Find ratio of books read by B & C together in 2005 to books read by A & D together in 2006.
- 15 : 16
  - 5 : 6
  - 1 : 5
  - 4 : 7
  - 2 : 3
43. Books read by A & D together in 2005 are what percent more than books read by C in 2006?
- $46\frac{2}{3}\%$
  - $54\frac{1}{3}\%$
  - $25\frac{2}{3}\%$
  - $33\frac{1}{3}\%$
  - $66\frac{2}{3}\%$
44. Books read by A & C together in 2005 are how much more or less than books read by B & D together in 2006?
- 24
  - 14
  - 18
  - 22
  - 28

45. Books read by B & C together in 2006 are what percent of books read by B in 2005?

- (a) 100%
- (b) 120%
- (c) 250%
- (d) 200%
- (e) 160%

**Directions (46-55):** - What will come in place of (?) question mark in the following questions?

46.  $\frac{17.28 \div ?}{3.6 \times 0.2} = 200$

- (a) 120
- (b) 1.20
- (c) 12
- (d) 0.12
- (e) None of these

47.  $486 \div ? \times 7392 \div 66 = 1008$

- (a) 54
- (b) 55
- (c) 52
- (d) 53
- (e) 51

48.  $14\frac{2}{7}\%$  of  $4200 \div \sqrt{576} = (?)^{\frac{1}{2}}$

- (a) 125
- (b) 225
- (c) 25
- (d) 5
- (e) 625

49.  $\frac{2}{7} \times \frac{5}{6} \times \frac{3}{8} \times ? = 90$

- (a) 1208
- (b) 1108
- (c) 1008
- (d) 1128
- (e) 1348

50.  $(0.05 \times 6.25) \div 2.5 = ?$

- (a) 12.55
- (b) 0.125
- (c) 0.115
- (d) 1.25
- (e) None of these

51.  $1496 \div 17 = ?\%$  of 220

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

52.  $(36\% \text{ of } 180) \div 0.4 = ?$   
(a) 160  
(b) 164  
(c) 166  
(d) 162  
(e) 180
53.  $0.08\% \text{ of } 55500 - 16.4 = ?$   
(a) 26.6  
(b) 28  
(c) 29.2  
(d) 30.4  
(e) 32
54.  $35\% \text{ of } 150 \times 16 = ? - 22$   
(a) 865  
(b) 932  
(c) 864  
(d) 862  
(e) None of these
55.  $(3080 + 6160) \div ? = 330$   
(a) 26  
(b) 22  
(c) 28  
(d) 29  
(e) 18
56. Difference of the compound interest received in first year and second year at 20% per annum at CI is Rs 1200 then find the sum?  
(a) Rs 25,000  
(b) Rs 36,000  
(c) Rs 35,000  
(d) Rs 24,000  
(e) Rs 30,000
57. Find the total distance covered by boat in each upstream and downstream in 7 hours if the speed of boat in still water and speed of current is 21 km/h and 3 km/h respectively?  
(a) 280 km  
(b) 294 km  
(c) 315 km  
(d) 301 km  
(e) 322 km
58. Ratio of income of A to that of B is 5:9. If expenditure of

A is  $\frac{3}{8}$ th of his income and expenditure of B is  $\frac{4}{9}$ th of his income and sum of their saving is Rs 1950 then find the difference between their income?

- (a) Rs 900
- (b) Rs 1000
- (c) Rs 880
- (d) Rs 960
- (e) Rs 920

59. A alone can do a work in 12 days while A and B together can do that work in 7.5 days. Find the time taken by C alone to do that work if C takes 3 days more than that of B alone to do that work?

- (a) 33 days
- (b) 30 days
- (c) 23 days
- (d) 27 days
- (e) 28 days

60. Ratio of base and perpendicular side of a right-angled triangle is 3:4 and its base is equal to the side of a square having area  $81 \text{ cm}^2$ . Find the perimeter of the triangle?

- (a) 30 cm
- (b) 36 cm
- (c) 33 cm
- (d) 42 cm
- (e) 40 cm

**Directions (61-65):** In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer

- (a) if  $x > y$
- (b) if  $x \geq y$
- (c) if  $x < y$
- (d) if  $x \leq y$
- (e) if  $x = y$  or no relation can be established between  $x$  and  $y$ .

61. I.  $x^2 - 13x + 40 = 0$

II.  $2y^2 - y - 15 = 0$

62. I.  $5x^2 + 17x + 6 = 0$

II.  $2y^2 + 11y + 12 = 0$

63. I.  $7x^2 - 19x + 10 = 0$

II.  $8y^2 + 2y - 3 = 0$

64. I.  $x^2 - 8x + 15 = 0$

II.  $y^2 - 3y + 2 = 0$

65. I.  $3x^2 - 7x + 4 = 0$

II.  $2y^2 - 9y + 10 = 0$

66. A person travels half of the distance at the speed of  $x \text{ km/h}$  and remaining half of the distance at  $4x \text{ km/h}$ . Find the value of 'x' if the average speed is  $36.8 \text{ km/h}$ ?

- (a) 21
- (b) 25
- (c) 24
- (d) 23
- (e) 20

67. A, B and C invested in a ratio of 7: 8: 5 in a business. They got an annual profit of Rs. 136800. If A and C withdrew their amount at the end of 3 months and 7 months respectively. Then find the difference between A and C's share of profit?
- (a) Rs. 12,600
  - (b) Rs. 11,500
  - (c) Rs. 13,500
  - (d) Rs. 10,500
  - (e) Rs. 13,000
68. Retailer sold one article at  $33\frac{1}{3}\%$  profit and another at 100% profit. Find his overall profit percentage if the selling price of both the article is same?
- (a) 60%
  - (b) 55%
  - (c)  $66\frac{2}{3}\%$
  - (d) 75%
  - (e)  $56\frac{2}{3}\%$
69. A mixture has milk and water in the ratio 4: 1. When 50% of the mixture is taken out and replaced by 24 liters of water then the ratio of milk to water in the mixture becomes 1: 1. Find initial quantity of mixture.
- (a) 80 liters
  - (b) 45 liters
  - (c) 70 liters
  - (d) 60 liters
  - (e) 75 liters
70. 4 years ago, ratio of Shivam's age to Deepak's age was 2: 3 and ratio of Shivam's age 4 years ago to Deepak's age 5 years hence is 8: 15. Find present age of Shivam.
- (a) 32 years
  - (b) 28 years
  - (c) 40 years
  - (d) 24 years
  - (e) 36 years

## SBI Clerk Prelims Memory Based 2019 (Solution)

### English Language

**S71. Ans.(c)**

**Sol.**

Refer the last few lines of the 5<sup>th</sup> paragraph of the passage, “The answer to this is automation fueled by robust Machine learning training models and artificial intelligence..... provide troubleshooting in real-time.”

**S72. Ans.(a)**

**Sol.**

Refer the 3<sup>rd</sup> paragraph of the passage, “Furthermore, with the lack of data talent an .....ensure business operations are accessible for a range of employees.”

**S73. Ans.(d)**

**Sol.**

Refer to the 2<sup>nd</sup> line of the 2<sup>nd</sup> paragraph of the passage, “In today’s climate any loss or disruption to data can have a huge business impact.”

**S74. Ans.(d)**

**Sol.**

Statement (1) is correct. Refer the 4<sup>th</sup> paragraph of the passage, “The cloud offers great promise for developers .....the use of multiple server locations”

**S75. Ans.(c)**

**Sol.**

If something such as a plan or a project goes full steam ahead, it progresses quickly.

**S76. Ans.(c)**

**Sol.**

Embrace means accept (a belief, theory, or change) willingly and enthusiastically hence it is similar in meaning to adopt.

**S77. Ans.(a)**

**Sol.**

**Ensure** means make certain that (something) will occur or be the case hence confirm is the word which is most similar in meaning.

**S78. Ans.(b)**

**Sol.**

**Massive** means exceptionally large hence insignificant is the word which is most opposite in meaning.

**S79. Ans.(a)**

**Sol.**

There is an error in part (a) of the sentence in place of “believe” we will use “believed”.

**S80. Ans.(c)**

**Sol.**

There is an error in part (c) of the sentence.

In place of “am” we will use “was” because the events of the sentences are in past.

**S81. Ans.(d)**

**Sol.**

Use “hanged” in place of “hung”

**S82. Ans.(e)**

**Sol.**

There is no error in the sentence.

**S83. Ans.(b)**

**Sol.**

There is an error in part (b) of the sentence. Use “to succeed” in place of “to be success” because after “determined” we use “to infinitive”.

**S84. Ans.(e)**

**Sol.**

There is no error in the sentence.

**S85. Ans.(c)**

**Sol.**

Replace 'were' with 'was'.

When two subjects are joined by 'not only...but also', the verb must agree with the second subject.

The correct sentence should be: “Not only the students but also the principal was laughing at the joke he cracked.

The same rule applies when two subjects are joined by 'or', the verb must agree with the second subject.

For e.g. Krish and his brothers were there. (Second subject is 'plural')

Mohan or Sohan is responsible for this. (Second subject is 'singular')

**S86. Ans.(a)**

**Sol.**

“Except” which means “not including” is the word which should fit the blank.

**S87. Ans.(d)****Sol.**

“Rejoiced” which means feel or show great joy or delight will fit the blank most appropriately.

**S88. Ans. (d)****Sol.**

Here, “permits” which means “*officially allow (someone) to do something*” perfectly fits in the given blank making the sentence grammatically correct and contextually meaningful. Hence, option (d) is the most suitable answer choice.

Coverts: a thicket in which game can hide.

Implements: put (a decision, plan, agreement, etc.) into effect.

Emits: produce and discharge (something, especially gas or radiation).

Deserts: what a person deserves with regard to reward or (more usually) punishment.

**S89. Ans.(b)****Sol.**

Here, “encouraged” which means “*give support, confidence, or hope to (someone)*” perfectly fits in the given blank making the sentence grammatically correct and contextually meaningful. Hence, option (b) is the most suitable answer choice.

Fascinated: strongly attracted and interested.

Discouraged: having lost confidence or enthusiasm; disheartened.

Harvested: gather (a crop) as a harvest.

Invited: make a formal or polite request for (something) from someone

**S90. Ans.(b)****Sol.**

‘Surrounded’ should be followed by ‘By’ or ‘with’, hence it is an incorrect option. Also, option (d) is grammatically incorrect and option (c) doesn’t make a meaningful sentence. So, option (b) is the only option which makes the sentence both meaningfully and grammatically correct. Hence, option (b) is the most suitable answer choice.

**S91. Ans.(b)****Sol.**

The correct sequence for the given sentences is **EADBC**.

**S92. Ans.(a)****Sol.**

The correct sequence for the given sentences is **EADBC**.

**S93. Ans.(d)****Sol.**

The correct sequence for the given sentences is **EADBC**.

**S94. Ans.(e)****Sol.**

The correct sequence for the given sentences is **EADBC**.



**S95. Ans.(c)**

**Sol.**

The correct sequence for the given sentences is **EADBC**.

**S96. Ans.(c)**

**Sol.**

“Were” should be used in place of “wear”

**S97. Ans.(a)**

**Sol.**

Correct Spelling is **Tired**

**S98. Ans.(e)**

**Sol.**

All the given words are correct.

**S99. Ans.(c)**

**Sol.**

The correct spelling is “enrage”

**S100. Ans.(c)**

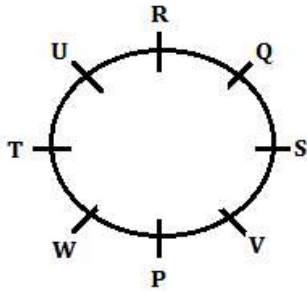
**Sol.**

From the given highlighted words, ‘Candedates’ is misspelled, correct spelling is ‘Candidates’ Hence, option (c) is the correct answer.

SBI Clerk Prelims Memory Based 2019 (Solution)

**Reasoning Ability**

Direction (1-5):



S1. Ans. (a);

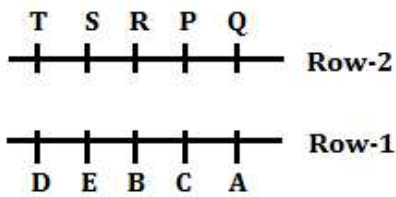
S2. Ans. (c);

S3. Ans. (b);

S4. Ans. (c);

S5. Ans. (b);

Direction (6-10):



S6. Ans.(c);

S7. Ans.(b);

S8. Ans.(e);

S9. Ans.(a);

S10. Ans.(d);

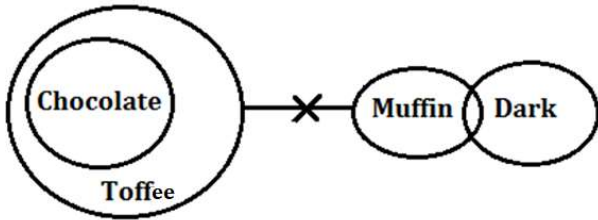
S11. Ans.(c);

┌  
PRODUCE

Direction (12-15):

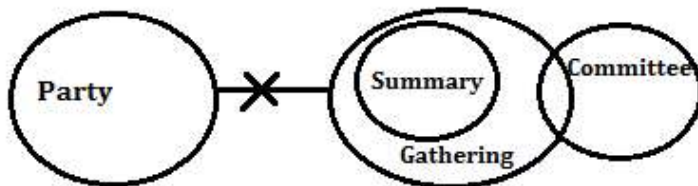
S12. Ans.(b);

Sol.



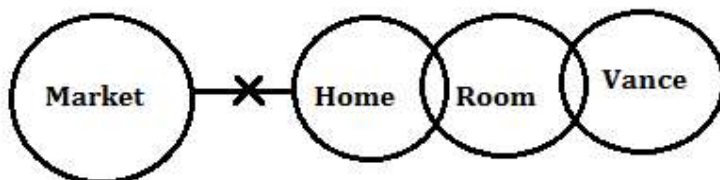
S13. Ans.(e);

Sol.



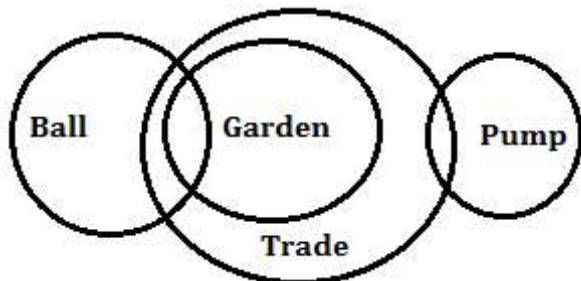
S14. Ans. (b);

Sol.



S15. Ans.(a);

Sol.



**Direction (16-20):**

Persons
E
D
A
B
C
G
F

**S16. Ans.(c);**

**S17. Ans.(e);**

**S18. Ans.(c);**

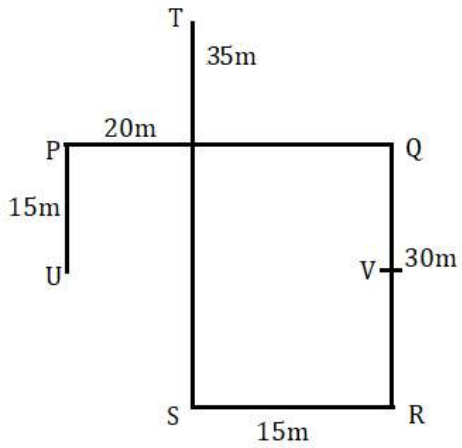
**S19. Ans.(b);**

**S20. Ans.(e);**

**Direction (21-23):**

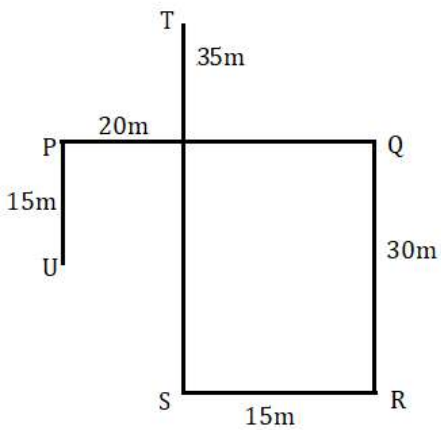
**S21. Ans. (d);**

**Sol.**



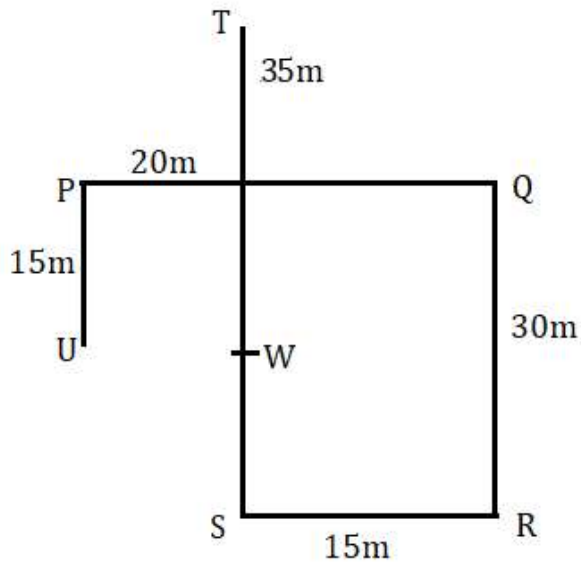
**S22. Ans.(c);**

**Sol.**

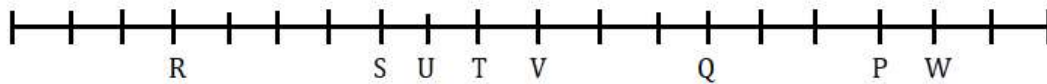


S23. Ans.(b);

Sol.



Direction (24-26):



S24. Ans.(e);

S25. Ans.(a);

S26. Ans.(c);

S27. Ans.(b);

Sol.

One word formed- lent

Direction (28-30):

S28. Ans.(e);

Sol.

I.  $E < B$  (True)

II.  $G > E$  (True)

S29. Ans.(a);

Sol.

I.  $Q > P$  (True)

II.  $V < R$  (False)

**S30. Ans.(b);**

**Sol.**

I.  $T \leq P$  (False)

II.  $N < L$  (True)

**Direction (31-35):**

**S31. Ans.(d);**

**Sol.**

M

**S32. Ans.(d);**

**Sol.**

Y

**S33. Ans.(b);**

**Sol.**

One-@2l

**S34. Ans.(a);**

**Sol.**

One - 2U&

**S35. Ans.(e);**

**Sol.**

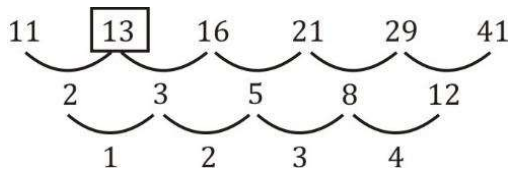
8EL

SBI Clerk Prelims Memory Based 2019 (Solution)

Numerical Ability

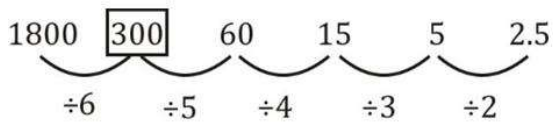
S36. Ans (d)

Sol.



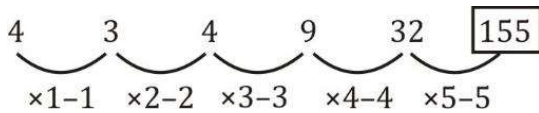
S37. Ans (a)

Sol.



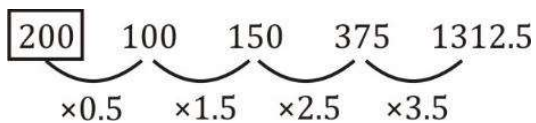
S38. Ans (b)

Sol.



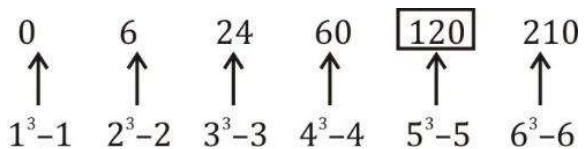
S39. Ans (e)

Sol.



S40. Ans (d)

Sol.



**S41. Ans.(b)**

**Sol.**

$$\begin{aligned}\text{Required average} &= \frac{72+90+48}{3} \\ &= 70\end{aligned}$$

**S42. Ans.(a)**

**Sol.**

$$\begin{aligned}\text{Required ratio} &= \frac{60+90}{90+70} \\ &= \frac{150}{160} \\ &= 15:16\end{aligned}$$

**S43. Ans.(e)**

**Sol.**

$$\begin{aligned}\text{Required \%} &= \frac{\{(72+48)-72\}}{72} \times 100 \\ &= \frac{200}{3} \% \\ &= 66\frac{2}{3} \%\end{aligned}$$

**S44. Ans.(b)**

**Sol.**

$$\begin{aligned}\text{Required difference} &= (72 + 90) - (78 + 70) \\ &= 162 - 148 \\ &= 14\end{aligned}$$

**S45. Ans.(c)**

**Sol.**

$$\begin{aligned}\text{Required \%} &= \frac{78+72}{60} \times 100 \\ &= \frac{150}{60} \times 100 \\ &= 250\%\end{aligned}$$

**S46. Ans (d)**

**Sol.**

$$\begin{aligned}17.28 \div ? &= 200 \times 3.6 \times 0.2 \\ ? &= \frac{17.28}{144} \\ &= 0.12\end{aligned}$$

**S47. Ans (a)**

**Sol.**

$$\begin{aligned}\frac{486}{?} \times \frac{7392}{66} &= 1008 \\ \frac{486}{?} &= \frac{1008}{112} \\ ? &= \frac{486}{9} \\ ? &= 54\end{aligned}$$



**S48. Ans (e)**

**Sol.**

$$\frac{100}{700} \times 4200 \times \frac{1}{24} = (?)^{\frac{1}{2}}$$

$$25 = (?)^{\frac{1}{2}}$$

$$? = 625$$

**S49. Ans (c)**

**Sol.**

$$? = \frac{90 \times 7 \times 8}{5} = 1008$$

**S50. Ans (b)**

**Sol.**

$$? = \frac{0.3125}{2.5}$$

$$? = 0.125$$

**S51. Ans. (b)**

**Sol.**

$$\frac{1496}{17} = \frac{?}{100} \times 220$$

$$? = 40$$

**S52. Ans (d)**

**Sol.**

$$\frac{36}{100} \times 180 \times \frac{10}{4} = ?$$

$$? = 162$$

**S53. Ans (b)**

**Sol.**

$$0.08 \times 555 - 16.4 = ?$$

$$? = 44.4 - 16.4$$

$$? = 28$$

**S54. Ans (d)**

**Sol.**

$$\frac{35}{100} \times 150 \times 16 + 22 = ?$$

$$? = 840 + 22 = 862$$

**S55. Ans (c)**

**Sol.**

$$\frac{9240}{?} = 330$$

$$? = 28$$

**S56. Ans.(e)****Sol.**Let the sum be Rs  $100x$ CI in first year= Rs  $20x$ CI in two years= 44% of  $100x$ = Rs  $44x$ CI in 2<sup>nd</sup> year=  $44x-20x$ = Rs  $24x$ 

ATQ

 $24x-20x=1200$  $x=300$ 

Required sum=Rs 30,000

**S57. Ans.(b)****Sol.**

Speed in upstream=18 km/hr

Speed in downstream= 24 km/hr

Required total distance=  $(24 + 18) \times 7 = 294 \text{ km}$ **S58. Ans.(d)****Sol.**Let income of A and B be Rs  $5x$  and Rs  $9x$  respectivelyExpenditure of A=Rs  $\frac{15}{8}x$ Saving of A=Rs  $\frac{25}{8}x$ Expenditure of B= Rs  $4x$ Saving of B= Rs  $5x$ 

ATQ

 $\frac{65}{8}x = 1950$  $x=240$ 

required difference= Rs 960

**S59. Ans.(c)****Sol.**

Let total work be 60 units (LCM of 12 and 7.5)

Efficiency of A= 5 units/ day

Efficiency of A and B together= 8 units/ day

Efficiency of B= 3 units/ day

Time taken by B alone to do that work=20 days

Time taken by C alone=23 days

**S60. Ans.(b)****Sol.**

Side of the square=9 cm

Perpendicular side of the triangle= 12 cm

Hypotenuse of the triangle= $\sqrt{81 + 144} = \sqrt{225} = 15 \text{ cm}$ 

Perimeter of the triangle= 36 cm

**S61. Ans.(a)****Sol.**

I.  $x^2 - 13x + 40 = 0$

$x^2 - 5x - 8x + 40 = 0$

$x(x-5) - 8(x-5) = 0$

$x = 5, 8$

II.  $2y^2 - y - 15 = 0$

$2y^2 - 6y + 5y - 15 = 0$

$2y(y-3) + 5(y-3) = 0$

$y = 3, -5/2$

$x > y$

**S62. Ans.(e)****Sol.**

I.  $5x^2 + 17x + 6 = 0$

$5x^2 + 15x + 2x + 6 = 0$

$5x(x+3) + 2(x+3) = 0$

$x = -3, -\frac{2}{5}$

II.  $2y^2 + 11y + 12 = 0$

$2y^2 + 8y + 3y + 12 = 0$

$2y(y+4) + 3(y+4) = 0$

$y = -4, -\frac{3}{2}$

No relation

**S63. Ans.(a)****Sol.**

$7x^2 - 19x + 10 = 0$

$7x^2 - 14x - 5x + 10 = 0$

$7x(x-2) - 5(x-2) = 0$

$x = 2, \frac{5}{7}$

II.  $8y^2 + 2y - 3 = 0$

$8y^2 + 6y - 4y - 3 = 0$

$2y(4y+3) - 1(4y+3) = 0$

$y = \frac{-3}{4}, \frac{1}{2}$

$x > y$

**S64. Ans.(a)****Sol.**

I.  $x^2 - 8x + 15 = 0$

$\Rightarrow x^2 - 5x - 3x + 15 = 0$

$\Rightarrow x(x - 5) - 3(x - 5) = 0$

$\Rightarrow (x - 3)(x - 5) = 0$

$\therefore x = 3 \text{ or } 5$

II.  $y^2 - 3y + 2 = 0$

$\Rightarrow y^2 - 2y - y + 2 = 0$

$\Rightarrow y(y - 2) - 1(y - 2) = 0$

$\Rightarrow (y - 1)(y - 2) = 0$

$\therefore y = 1 \text{ or } 2$

$\therefore x > y$

**S65. Ans.(c)****Sol.**

I.  $3x^2 - 7x + 4 = 0$

$\Rightarrow 3x^2 - 4x - 3x + 4 = 0$

$\Rightarrow (3x - 4)(x - 1) = 0$

$x = \frac{4}{3} \text{ or } 1$

II.  $2y^2 - 9y + 10 = 0$

$\Rightarrow 2y^2 - 4y - 5y + 10 = 0$

$\Rightarrow (2y - 5)(y - 2) = 0$

$\Rightarrow y = \frac{5}{2} \text{ or } 2$

$y > x$

**S66. Ans.(d)****Sol.**

Let the distance be D km

ATQ

$$\frac{D}{\left(\frac{D}{2x} + \frac{D}{8x}\right)} = 36.8$$

$x = 23$

**S67. Ans.(a)****Sol.**

Ratio of their profit sharing

$A : B : C = 7 \times 3 : 8 \times 12 : 5 \times 7 = 21 : 96 : 35$

Annual profit = 136800

Difference b/w A and C's share of profit

$$= \frac{14}{152} \times 136800$$

$$= \text{Rs } 12,600$$

**S68. Ans.(a)****Sol.**Let SP of both article =  $8x$ 

ATQ,

	Article1	Article2	
CP	$6x$	$4x$	$= 10x$
SP	$8x$	$8x$	$= 16x$

$$\text{Profit \%} = \frac{16x-10x}{10x} \times 100 = 60\%$$

**S69. Ans.(a)****Sol.**

Let initial quantity of milk and water in the mixture be '40x liters' and '10x liters' respectively.

ATQ,

$$\frac{(40x \times \frac{1}{2})}{10x \times \frac{1}{2} + 24} = \frac{1}{1}$$

$$\frac{20x}{5x+24} = \frac{1}{1}$$

$$20x = 5x + 24$$

$$15x = 24$$

$$x = 1.6$$

So, required quantity =  $40x + 10x$ 

$$= 50x$$

$$= 80 \text{ liters}$$

**S70. Ans.(b)****Sol.**

Let age of Shivam and Deepak 4 years ago be '2x years' and '3x years' respectively.

ATQ,

$$\frac{2x}{3x+4+5} = \frac{8}{15}$$

$$\frac{2x}{3x+9} = \frac{8}{15}$$

$$30x = 24x + 72$$

$$6x = 72$$

$$x = 12$$

So, present age of Shivam =  $2x + 4$ 

$$= 28 \text{ years}$$