

SBI Clerk Prelims
Memory Based Questions
10th July 2021
(Free PDF with
Solution)



**Quantitative Aptitude Section:
Memory Based Paper 2021-**

Direction: What should come in place of the question mark '?' in the following question?

1. $364 + 32 \div 1.6 + 16 = ?^2$

- A. 20
- B. 22
- C. 23
- D. 15
- E. 16

2. $75\% \text{ of } 80 + 15\% \text{ of } (120 \div 3) = ?$

- A. 65
- B. 66
- C. 63
- D. 61
- E. 68

3. $1\frac{1}{5}\%$ of $? \times 9 + 3 = 30$

- A. 250
- B. 220
- C. 180
- D. 280
- E. 300

4. $6 \times 7.5 - 4 \div 1.2 \times 3 = ?$

- A. 33
- B. 35
- C. 32
- D. 45
- E. None of these

5. $\sqrt{428 + 12 \times 90 - ?} = 38$

- A. 64
- B. 66
- C. 58
- D. 54
- E. None of these

6. Sum of the present ages of A and B is 60 years. Four years ago, the ratio

of ages of A and B was 6 : 7. If C is 4 years elder than B, then what will be the sum of the ages of A, B and C after 5 years?

- A. 84 years
- B. 92 years
- C. 96 years
- D. 111 years
- E. None of these

7. A train crosses a pole in 36 seconds and a platform in 52 seconds. If the speed of the train is 54 km/hr, then what is the length of the platform?

- A. 240 m
- B. 360 m
- C. 320 m
- D. 280 m
- E. None of these

8. Radius of a circle is 28 cm, and its circumference is 32 cm more than the perimeter of a square. What is the area of the square?

- A. 81 cm^2
- B. 324 cm^2
- C. 1296 cm^2
- D. 5184 cm^2

Direction: What should come in place of the question mark '?' in the following number series?

9. 0.2, 2.7, 7.7, 15.7, ?

- A. 27.2
- B. 32.7
- C. 26.7
- D. 28.5
- E. 29.6

10. 336, 345, 320, 369, 288, ?

- A. 409
- B. 385
- C. 256
- D. 436
- E. 295



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ANSWERS: Quantitative Aptitude

1. Ans. A.

$$364 + 32 \div 1.6 + 16 = ?^2$$

$$\Rightarrow 364 + \frac{32}{1.6} + 16 = ?^2$$

$$\Rightarrow 364 + 20 + 16 = ?^2$$

$$\Rightarrow 400 = ?^2$$

$$\Rightarrow ? = 20$$

2. Ans. B.

$$? = 75\% \text{ of } 80 + 15\% \text{ of } (120 \div 3)$$

$$= \frac{75}{100} \times 80 + \frac{15}{100} \times 40$$

$$= 60 + 6$$

$$= 66$$

3. Ans. A.

$$1\frac{1}{5}\% \text{ of } ? \times 9 + 3 = 30$$

$$\Rightarrow \frac{6}{500} \times ? \times 9 + 3 = 30$$

$$\Rightarrow \frac{6}{500} \times ? \times 9 = 27$$

$$\Rightarrow ? = \frac{250}{27} \times 27 = 250$$

4. Ans. B.

$$? = 6 \times 7.5 - 4 \div 1.2 \times 3$$

$$= 45 - \frac{40}{12} \times 3$$

$$= 45 - 10$$

$$= 35$$

5. Ans. A.

$$\sqrt{428 + 12 \times 90 - ?} = 38$$

$$\Rightarrow \sqrt{428 + 1080 - ?} = 38$$

$$\Rightarrow \sqrt{1508 - ?} = 38$$

$$\Rightarrow 1508 - ? = 1444$$

$$\Rightarrow ? = 1508 - 1444 = 64$$

6. Ans. D.

Let the ages of A and B 4 years ago be 6x and 7x respectively.

According to question,

$$6x + 4 + 7x + 4 = 60$$

$$\Rightarrow 13x = 52$$

$$\Rightarrow x = 4$$

Present age of A = 6 × 4 + 4 = 28 years

Present age of B = 7 × 4 + 4 = 32 years

Present age of C = 32 + 4 = 36 years

Required sum = 28 + 32 + 36 + 5 × 3 = 111 years

7. Ans. A.

Let the Length of train be L meter and length of platform be P meter.

Speed of train = 54 km/h = 54 × $\frac{5}{18}$ = 15 m/s

Here, $\frac{L}{15} = 36$

$$\Rightarrow L = \frac{540 \times P}{540 + P}$$

$$\text{Also, } \frac{L}{15} = 52$$

$$\Rightarrow 540 + P = 780$$

$$\Rightarrow P = 240$$

8. Ans. C.

Let the side of square be x cm.

$$\text{Then, } 2 \times \frac{22}{7} \times 28 = 32 + 4x$$

$$\Rightarrow 176 = 32 + 4x$$

$$\Rightarrow 4x = 144$$

$$\Rightarrow x = 36$$

$$\text{Area of square} = x^2 = 36^2 = 1296 \text{ cm}^2$$

9. Ans. A.

The pattern of the series is:

$$0.2 + 2.5 = 2.7$$

$$2.7 + 5 = 7.7$$

$$7.7 + 8 = 15.7$$

$$15.7 + 11.5 = 27.2$$

Hence the missing number is 27.2.

10. Ans. A.

The pattern of the series is:

$$336 + 3^2 = 345$$

$$345 - 5^2 = 320$$

$$320 + 7^2 = 369$$

$$369 - 9^2 = 288$$

$$288 + 11^2 = 409$$



Hence the missing number is 409.
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Reasoning Ability Section: Memory Based Paper 2021-

Direction: Study the following question carefully and answer the following questions:

Eight people i.e, A, B, C, D, E, F, G and H sit in row. All of them face towards the north but not necessarily in the same order.

Three people sit between A and D. B sits third to the left of A and sits at the end. Three people sit between B and G. C sits third to the right of H. E sits to the left of F.

1. Who among the following is an immediate neighbour of G?

- A. C
- B. D
- C. H
- D. F
- E. B

2. How many people are sitting between E and D?

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

Direction: Study the following question carefully and answer the following questions:

Eight people i.e, A, B, C, D, E, F, G and H sit in row. All of them face towards the north but not necessarily in the same order.

Three people sit between A and D. B sits third to the left of A and sits at the end. Three people sit between B and G. C sits third to the right of H. E sits to the left of F.

3. How many people sit between the one who is second from the left end and third to the left of F?

- A. None
- B. Two
- C. One
- D. Three
- E. Four

Direction: Study the following question carefully and answer the following questions:

Eight people i.e, A, B, C, D, E, F, G and H sit in row. All of them face towards the north but not necessarily in the same order.

Three people sit between A and D. B sits third to the left of A and sits at the end. Three people sit between B and G. C sits third to the right of H. E sits to the left of F.

4. Who amongst the following sit at the extreme end?

- A. B and F
- B. D and H
- C. B and D
- D. E and D
- E. None of these

Direction: Study the following question carefully and answer the following questions:

Twelve people are sitting in two parallel rows. A, B, C, D, E and F are sitting in Row- 1 and facing south and P, Q, R, S, T and U are sitting in row- 2 and facing north such that the people sitting in row- 1 are sitting opposite to the people sitting in row- 2. All the information is not necessarily in the same order. A sits fourth to the left of F. Two people sit between R and the one who faces F. E sits to the immediate right of the one



who faces R. Two people sit between E and B. Two people sit between P and the one who faces B. S sits second to the left of P. C faces the one who sits third to the left of T. U sits second to the left of Q.

5. Who among the following faces S?
- A. D
 - B. E
 - C. F
 - D. B
 - E. None of these

Direction: Study the following data carefully and answer the questions accordingly.

ARM TOY NUT DIG LAP

6. If in each of the given words, each of the consonants is changed to the previous letter and each vowel is changed to next letter then how many meaningful words thus formed ?

- A. One
- B. None
- C. Two
- D. Three
- E. Four

7.If "Y" is added after every third letter , then which word is meaningful?

- A. ARM
- B. TOY
- C. NUT
- D. DIG
- E. LAP

Direction: Study the following data carefully and answer the questions accordingly.

ARM TOY NUT DIG LAP

8. if the letters of every word are arranged left to right according to the Eng alphabetical series, how many 1st letters would be a vowel.

- A. One
- B. Two
- C. Three
- D. More than three
- E. None

9.If all the letters in the word "MISFORTUNE" are arranged alphabetically from the left to the right then which of the following will be the fifth word from the left?

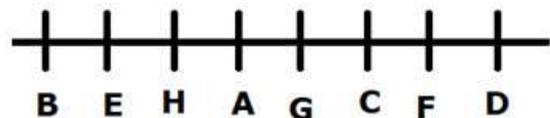
- A. O
- B. N
- C. M
- D. R
- E. S

10.How many independent words can 'CONSECUTIVE' be formed into without changing the order of the letters and using each letter only once in the word?

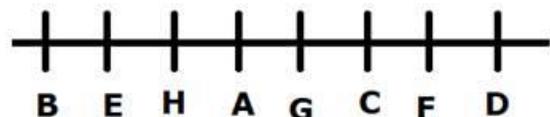
- A. One
- B. Two
- C. Three
- D. None
- E. None of the above

ANSWERS: Reasoning Ability

1. Ans. A.



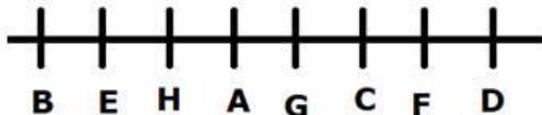
2. Ans. B.



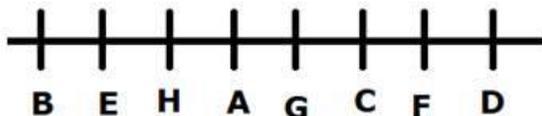
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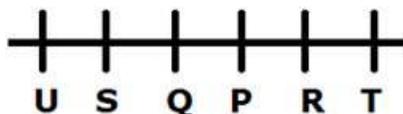
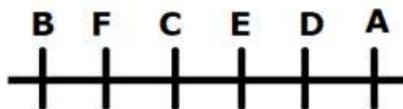
3. Ans. C.



4. Ans. C.



5. Ans. C.



6. Ans. B.

ARM TOY NUT DIG LAP
After arranging - BQL SPX MVS KBO
CJF
Thus, no meaningful word formed.

7. Ans. A.

ARM TOY NUT DIG LAP
After adding Y- ARMY TOYY NUTY
DIGY LAPY
Thus, One meaningful word (ARMY
)formed.

8. Ans. C.

After rearrangement, the series would
be:

AMR OTY NTU DGI ALP

9. Ans. B.

M	I	S	F	O	R	T	U	N	E
E	F	I	M	N	O	R	S	T	U

10. Ans. B.

Word Formed - CON and CUT
{ "mode": "full", "isActive": false }

English Section: Memory Based Paper 2021-

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.
###DONE###

1. Despite of all (1)/ the hours of practice (2)/ and training, the (3)/ mariners lost the game.(4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

2.While both the killer whale (1)/ and the great white shark (2)/ is top predators, in a fight between the two, (3)/ the killer whale will win. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

3.The vixen's mating call (1)/ sounds much similar (2)/ to the sound of (3)/ a screaming woman. (4)

- A. 1



- B. 2
- C. 3
- D. 4
- E. No error

4.The people watching (1)/ the movie were not (2)/ entertained as the (3)/ acting was poor. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

5.The minister advised (1)/ the king to stop threatening (2)/ the neighbouring kingdom (3)/ by war. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction: In the given statement some words have been highlighted. These words may not be at the correct place making the sentence grammatically and contextually incorrect. Choose the option which represents the correct sequence of words, which will make the sentence grammatically and contextually correct. If the sentence is correct as it is, choose E i.e. 'No rearrangement required' as your answer.

6. At the end of the **desks** (A) day, the students would have to **rearrange** (B) the **school** (C) before leaving for home.

- A. ABC
- B. BAC
- C. CAB
- D. ACB
- E. No rearrangement required

7.It was her **packing** (A) to wait till the last **habit** (B) moment to start **possible** (C) for a trip.

- A. ABC
- B. ACB
- C. BAC
- D. BCA
- E. No rearrangement required

8. After **always** (A) a good deal, the boss would **signing** (B) invite his employees to cut a cake and **celebrate** (C) with him.

- A. CAB
- B. BAC
- C. CBA
- D. ACB
- E. No rearrangement required

Direction: In the given question, a part of the sentence is printed in bold. Below the sentence, alternatives to the emboldened part are given as (A), (B), (C) and (D), which may help improve the sentence. Choose the correct alternative out of the given five options. In case the given sentence is correct, your answer will be option (E), i.e., "No correction required".

9. The adorable Giant Pandas, once endangered, **have recently been categorise** as vulnerable.

- A. have recently been categorising
- B. have recent been categorise
- C. have recently been categorisation
- D. have recently been categorised
- E. No correction required

10.A grizzly bear that pulled a woman from her tent and **killed her has been fatally shooting** by wildlife officials.

- A. killed her has been fatal shot
- B. killing her has been fatally shot



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- C. killed them has been fatally shot
- D. killed her has been fatally shot
- E. No correction required

ANSWERS: English Section

1. Ans. A.

The usage is either 'in spite of' or 'despite' to introduce a contradiction in the sentence. The usage of the preposition 'of' after 'despite' is redundant and needs to be omitted. Thus, option A is the correct answer.

2. Ans. C.

When two things joined by the conjunction 'and' refer to two different things, as indicated by 'both', the noun phrase takes a plural verb. Thus, 'is' needs to be replaced with 'are' in the third part of the sentence to maintain subject-verb agreement.

Thus, option C is the correct answer.

3. Ans. B.

The error lies in the second part of the sentence. The determiner 'much' is used with comparative and superlative adjectives, while the determiner 'very' is used with positive adjectives, in this case, 'similar'. Thus, 'much' needs to be replaced by 'very' to make the sentence correct, making option B the correct answer.

4. Ans. E.

The sentence is contextually and grammatically correct. Thus, option E is the correct answer.

5. Ans. D.

The error lies in the fourth part of the sentence. By is used to indicate someone's action and with indicates what was used to act and is usually accompanied by something or someone. Thus, 'by' needs to be replaced with 'with' to relate to 'war.'

Thus, option D is the correct answer.'

6. Ans. C.

Solution: The correct option is C.

Reason: The desk is a piece of furniture. "Desk days" makes no sense. On the other hand, 'school days' is contextually correct. Moreover, one can rearrange desks. So word C will go in place of A and Word A will come in place of B. The correct sequence will be CAB.

7. Ans. D.

Solution: The correct option is D.

Reason: The phrase 'start possible' does not make any sense as one cannot start 'possible'. One can start packing. So word A will come at last.

In the sentence, we are talking about someone's habit of packing things late. So the first word will be habit.

The correct phrase is 'last possible moment' which means the latest time that it is possible to do something.

The correct sequence being: It was her **habit** to wait till the last **possible** moment to start **packing** for a trip.

8. Ans. B.

Solution: The correct option is B.

Reason: 'After' and 'always' specifies the time and in this case, both the time cannot exist in a juxtaposition.

Word A and word B need to exchange places to make the sentence correct.

The correct sequence being: After **signing** a good deal, the boss would **always** invite his employees to cut a cake and **celebrate** with him.

9. Ans. D.

When we have to talk about an object or give importance to an object in our conversation then those sentences which contain has/have +been+V3 are



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used. So, we need to use 'categorised' instead of 'categorise'. So, the correct option is D.

10. Ans. D.

Since, the noun 'woman' is singular, we need a singular pronoun, which will be 'her', making option C incorrect. To maintain a parallel structure, we need the verb 'killed' (since the correct part has 'pulled'). This makes option B incorrect. To modify the verb 'shot', we need an adverb, for which the correct choice is 'fatally'. This makes option A incorrect. So, the correct option is D.

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