

# SBI PO Prelims (19th Dec) Memory Based Paper (PDF In English)

**Direction:** Study the following data carefully and answer the questions accordingly. Ten people are sitting in two rows. In row 1 – A, B, C, D, and E are sitting facing the south direction and in row 2 – P, Q, R, S, and T are sitting facing the north direction but necessarily in the same order.

One person sits between S and P and none of them sits at the end. The one, who sits opposite P, sits immediate right of C. T sits to the right of the one, who sits opposite C. A sits third to the right of E. S does not sit opposite E. R and Q do not sit opposite B. C does not sit opposite Q.

1. How many people sit to the right of A?  
A. Three  
B. One  
C. Two  
D. None  
E. Four
2. Who sits opposite to the one who sits third to the left of D?  
A. P  
B. R  
C. S  
D. Q  
E. T
3. Who sits to the immediate right of B?  
A. C  
B. E  
C. A  
D. D  
E. None of these

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4. Which of the following statement is correct?

- I. R sits between P and S
- II. A sits opposite to Q
- III. E sits at one of the ends
- A. Only III
- B. Only II
- C. Both I and III
- D. Both II and III
- E. Only I

5. Four of the following five are alike in a certain way and hence form a group. Which amongst the following does not belong to that group?

- A. D
- B. Q
- C. S
- D. T
- E. E

**Direction: (6–9)** Study the following data carefully and answer the questions accordingly.

Seven people are sitting in a straight line. Some of them are facing the north and some are facing the south direction. B sits third to the left of G. A sits second to the left of B. B faces the north direction. Three people sit between A and F. F does not sit at the end of the row. F sits third to the right of C. D sits second to the left of E. E faces the same direction as C. D and E face opposite directions. A faces the same direction as G but opposite to F.

6. What is the position of A with respect to C?

- A. Immediate right
- B. Second to the right
- C. Immediate left
- D. Fourth to the left
- E. None of these

7. How many people sit to the left of D?

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

8. Who sits second to the right of D?

- A. F
- B. A
- C. G
- D. C
- E. None of these



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9. How many people are facing north?

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

10. How many such pairs of digits are there in the number '**834672831**' each of which has as many digits between them in the number as in the number system. (both forward and backward)?

- A. Three
- B. One
- C. Four
- D. More than four
- E. Two

**Direction: (11–15)** Study the following data carefully and answer the questions accordingly.

Seven people i.e., A, B, C, D, E, F, and G are going to seven different cities i.e., Mumbai, Pune, Bhopal, Indore, Ranchi, Jaipur and Nasik on seven different days of week starting from Monday to Sunday. All the information is not necessarily in the same order. Two people go between F and C. C who goes to Nasik goes before Wednesday. Only one person goes between F and the one who goes to Mumbai. The one who goes to Mumbai does not go just after C. Number of people goes after the one who goes to Mumbai is same as number of people goes before D. Two people goes between D and the one who goes to Bhopal. The one who goes to Pune goes just before the one who goes to Bhopal. Two people go between A and the one who goes to Pune. Two people go between E and the one who goes to Indore. D does not go to Indore. G goes before the one who goes to Ranchi. G does not go to Bhopal.

11. How many people go between G and the one who goes to Ranchi?

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

12. The one who goes to Mumbai goes on which among the following days?

- A. Monday
- B. Wednesday
- C. Sunday
- D. Saturday
- E. None of these



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13. Who goes to Jaipur?

- A. G
- B. D
- C. B
- D. E
- E. None of these

14. How many people go after the one who goes to Pune?

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

15. Who goes on Saturday?

- A. The one who goes to Nasik
- B. A
- C. The one who goes to Mumbai
- D. F
- E. None of these

**Direction: (16–18)** 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.

16. Discovering that he (1)/ had an aptitude for finance, (2)/ he get a job as a (3)/ commercial-credit analyst. (4)

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

17. The chef showed his (1)/ assistant how to made the perfect (2)/ pizza and explained how to keep (3)/ the dough from sticking to the pan. (4)

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

18. Aircraft are required (1)/ by law to carry special electronic devices, (2)/ called transponders, so (3)/ that they can be identified. (4)

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

Direction: (19–20) In the given sentence, some words are printed in bold one of which may be wrongly spelt or inappropriately used in the context. Choose that word as the answer. If all the words printed in bold are correct, mark E, i.e., 'All are correct' as the answer.

19. My **teacher** (A) tried to **instetute** (B) a 'no cell phone' rule, but the students **continued** (C) to bring them to class **afterward**. (4)

- A. A
- B. B
- C. C
- D. D
- E. All are correct

20. They used to **live** (A) in a big house with lots of **servants**, (B) but they've come **down** (C) in the world since **than**. (D)

- A. A
- B. B
- C. C
- D. D
- E. All are correct

**Direction: (21–23)** In the given question, a statement has been divided into five segments, each of which is denoted by (A), (B), (C), (D) and (E). Rearrange all the segments to form a coherent statement and then find out the part that contains error in it.

21. A). gratitude for the ice cream  
B). generously bought for her  
C). her mother had  
D). the thankless girl did  
E). not show any

- A. EDCAB
- B. DACEB
- C. DEACB
- D. ADCEB
- E. BCEAD



22. A). because young children  
B). do not understand sarcasm,  
C). you should always say  
D). exactly what you mean  
E). when you talk to them  
A. CBAED  
B. CEBDA  
C. DABEC  
D. ADCEB  
E. CDBEA

23. A). matter how much he needs it  
B). constantly turns everyone  
C). a bitter old man  
D). away, not willing to accept  
E). help from anyone no  
A. DEACB  
B. DBCAE  
C. ADCBE  
D. CBDEA  
E. CDBAE

**Direction: (24–25)** 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".

24. Cream cakes **are the last thing he** should eat if you are on a diet.

- A. Is the last thing you  
B. Are the last thing one  
C. Are the last thing you  
D. Is the last one thing one  
E. No correction required

25. The switch to new accounting software **great improved the organisation's** bookkeeping.

- A. Great improvement the organisation's  
B. Greatly improved the organisations  
C. Great improved the organisation  
D. Greatly improved the organisation's  
E. No correction required

**Direction: (26–28)** 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.

26. **Relieve**(A) was **medication** (B) by my doctor to **supplied** (C) the **painful** (D) headache that had **lasted** (E) for three days.

- A. BDACE
- B. ADBCE
- C. BCADE
- D. BDEAC
- E. No rearrangement needed

27. An **thousands** (A) plague **died** (B) over the city and **awful** (C) of people **sickness** (D) from the **took**.(E)

- A. ADCEB
- B. CEABD
- C. BADEC
- D. DABEC
- E. No rearrangement needed

28. Department(A) **fired**(B) within the sheriff's **police** (C) caused **several** (D) officers to be **misconduct**. (E)

- A. ADCEB
- B. CEADB
- C. BADEC
- D. DABEC
- E. No rearrangement needed

**Direction: (29–33)** Study the following information carefully and answer the questions given below.

The given below table shows the information about the males, females who applied for three different type of driving license test for at RTO office in a city X. It also shows the percentage of people (males + females) who passed in driving license test.

Type of license	Number of males	Number of females	Percentage of people who passed in driving license test
Two-wheelers	360	240	63%
Light motor vehicles (LMV)	245	205	54%
Heavy motor vehicles (HMV)	216	168	37.5%



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29. 80% of the people who failed their first driving test of HMV driving license test again applied for HMV driving license test. Among those failed candidates who applied again for HMV license test, the ratio of male to females is 7 : 5. If only 35% of females passed HMV license test in their second attempt then what is the number of females who were failed in license test in second attempt?

- A. 40
- B. 36
- C. 52
- D. 57
- E. 44

30. Among those candidates who passed the two-wheelers driving test, the ratio of males to females is 9 : 5. Find the percentage of females who were failed in two-wheelers driving test.

- A. 43.75%
- B. 56.5%
- C. 37.5%
- D. 62.25%
- E. 32.4%

31. Each LMV driving test includes three rounds, i.e., a written test, an interview, and a practical driving test. Each candidate must pass all three rounds to be declared passed to obtain an LMV driving license. The ratio of males to females rejected in LMV driving license test is 5 : 4. If the 60% of the total number of males were rejected in LMV driving license test due to failure in interview and practical test, find the number of males who rejected in LMV driving license test due to failure in written test.

- A. 27
- B. 46
- C. 32
- D. 51
- E. 68

32. What is the ratio between the number of people who passed HMV driving license test to those who failed in LMV driving license test.

- A. 7 : 10
- B. 8 : 11
- C. 5 : 8
- D. 9 : 14
- E. 16 : 23

**Direction:** Study the following information carefully and answer the questions given below.

The given below table shows the information about the males, females who applied for three different type of driving license test for at RTO office in a city X. It also shows the percentage of people (males + females) who passed in driving license test.

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Two-wheelers	360	240	63%
Light motor vehicles (LMV)	245	205	54%
Heavy motor vehicles (HMV)	216	168	37.5%

33. The total number of males who passed all three driving license tests is 135 more than the total number of females who passed all three driving license tests. If 176 males passed the LMV driving license test, what is the average number of males who passed the two-wheelers and HMV driving license tests?

- A. 118
- B. 137
- C. 151
- D. 109
- E. 148

**Direction: (34–38)** Study the following information carefully and answer the question given below:

Two companies, S and T sold the total of 3,900 watches in the months of February, March, April and May. The ratio of watches sold by company S in February and March is 5 : 3. The total number of watches sold by Company T in all four months is 1700. The number of watches sold by company S in April is 25% less than the number of watches sold by the same company in May. The total number of watches sold by companies S and T in February was 1200. The number of watches sold by company S in March is  $16\frac{2}{3}\%$  less than that sold by company T in April. The total number of watches sold by company S in February was 500. Watches sold by company T in May is 340 more than in March.

34. Find the total number of watches sold by Both companies S & T in April Month together.

- A. 850
- B. 960
- C. 1020
- D. 720
- E. None of these



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35. Find the average number of watches sold in March And April by company S.

- A. 550
- B. 450
- C. 600
- D. 390
- E. None of these

36. Average number of watches sold in April, May and June by company T is 390. Find the number of watches sold in June by the same company.

- A. 350
- B. 320
- C. 380
- D. 270
- E. None of these

**Direction:** Study the following information carefully and answer the question given below:

Two companies, S and T sold the total of 3,900 watches in the months of February, March, April and May. The ratio of watches sold by company S in February and March is 5 : 3. The total number of watches sold by Company T in all four months is 1700. The number of watches sold by company S in April is 25% less than the number of watches sold by the same company in May. The total number of watches sold by companies S and T in February was 1200. The number of watches sold by company S in March is  $16\frac{2}{3}\%$  less than that sold by company T in April. The total number of watches sold by company S in February was 500. Watches sold by company T in May is 340 more than in March.

37. Find the ratio number of watches sold by company S in May to watches sold by company T in February.

- A. 5 : 7
- B. 8 : 7
- C. 8 : 9
- D. 6 : 7
- E. None of these

38. The average age of three persons P, Q and R six years ago was 34 years. The ratio of present age of P to that of Q is 7 : 8. If the present age of R is 11 years more than the age of Q, six years ago, what is the ratio of present age of P to the age of R, 4 years hence?

- A. 4 : 3
- B. 5 : 4
- C. 8 : 9
- D. 5 : 7
- E. None of these



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## ANSWERS

1. Ans. B.

D	A	C	B	E
↓	↓	↓	↓	↓
↑	↑	↑	↑	↑
Q	P	R	S	T

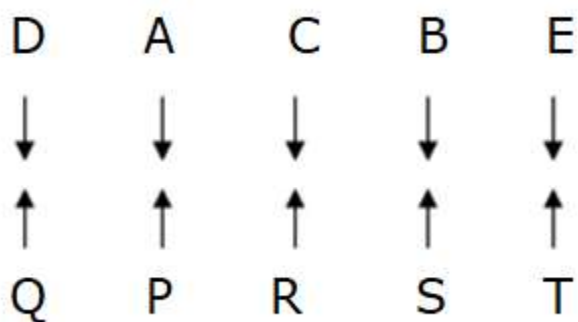
2. Ans. C.

D	A	C	B	E
↓	↓	↓	↓	↓
↑	↑	↑	↑	↑
Q	P	R	S	T

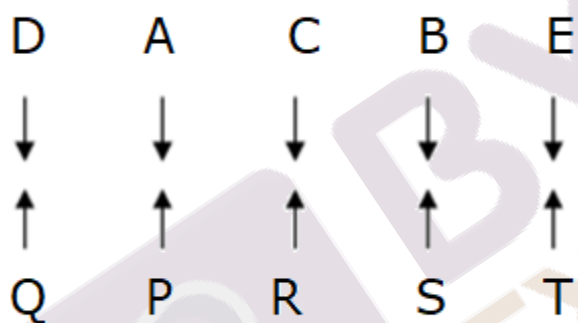
3. Ans. A.

D	A	C	B	E
↓	↓	↓	↓	↓
↑	↑	↑	↑	↑
Q	P	R	S	T

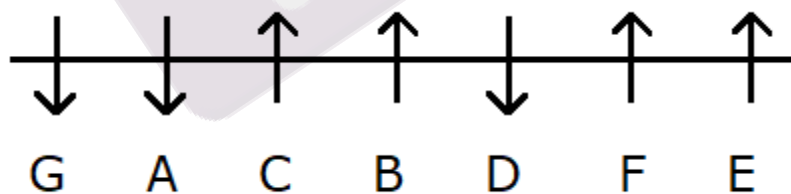
4. Ans. C.



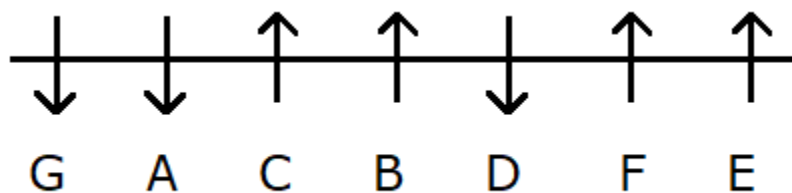
5. Ans. C.



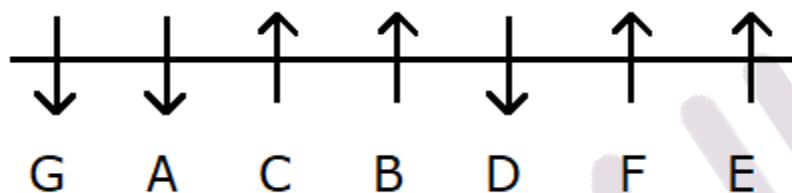
6. Ans. C.



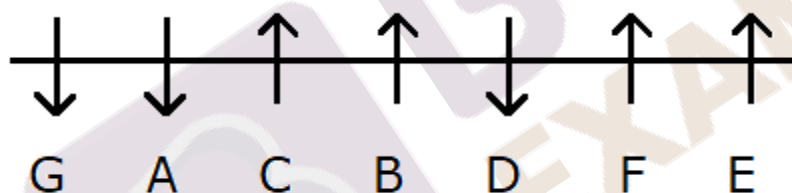
7. Ans. C.



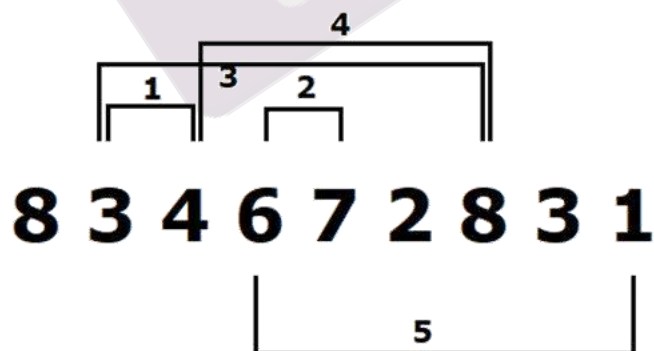
8. Ans. D.



9. Ans. A.



10. Ans. D.





11. Ans. A.

Day	People	City
Monday	C	Nasik
Tuesday	D	Jaipur
Wednesday	G	Indore
Thursday	F	Pune
Friday	B	Bhopal
Saturday	E	Mumbai
Sunday	A	Ranchi

12. Ans. D.

Day	People	City
Monday	C	Nasik
Tuesday	D	Jaipur
Wednesday	G	Indore
Thursday	F	Pune
Friday	B	Bhopal
Saturday	E	Mumbai
Sunday	A	Ranchi

13. Ans. B.

Day	People	City
Monday	C	Nasik
Tuesday	D	Jaipur
Wednesday	G	Indore
Thursday	F	Pune
Friday	B	Bhopal
Saturday	E	Mumbai
Sunday	A	Ranchi



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14. Ans. A.

Day	People	City
Monday	C	Nasik
Tuesday	D	Jaipur
Wednesday	G	Indore
Thursday	F	Pune
Friday	B	Bhopal
Saturday	E	Mumbai
Sunday	A	Ranchi

15. Ans. C.

Day	People	City
Monday	C	Nasik
Tuesday	D	Jaipur
Wednesday	G	Indore
Thursday	F	Pune
Friday	B	Bhopal
Saturday	E	Mumbai
Sunday	A	Ranchi

16. Ans. C.

'got' in place of 'get'.

17. Ans. B.

'make' after 'to'.

18. Ans. E.

**'Aircraft' is the same in both singular and plural.** Singular example: There is one aircraft left on the runway. Plural example: There are many aircraft in the sky today.

19. Ans. B.

Institute is the correct spelling here, which means to put into effect.

20. Ans. D.

We need 'then' in place of 'than'.

21. Ans. C.

The correct order is DEACB.

22. Ans. B.

The correct order is CEBDA.

23. Ans. D.

The correct order is CBDEA.

24. Ans. C.

cakes so use 'are' . Instead of one or he we need to use 'you' as latter half of the sentence has 'you are'.

25. Ans. D.

The correct answer is option D.

26. Ans. C.

The correct order is BCADE.

27. Ans. B.

The correct order is CEABD.

An awful plague took over the city and thousands of people died from the sickness.

28. Ans. B.

The correct sentence is CEADB.

**Police misconduct** within the sheriff's **department** caused **several** officers to be **fired**. (E)

29. Ans. C.

Type of license	Number of males	Number of females	Number of people who passed in driving license test	Number of people who failed in driving license test
Two-wheelers	360	240	63% of (360 + 240) = 378	(360 + 240) - 378 = 222
Light motor vehicles (LMV)	245	205	54% of (245 + 205) = 243	(245 + 205) - 243 = 207
Heavy motor vehicles (HMV)	216	168	37.5% of (216 + 168) = 144	(216 + 168) - 144 = 240

Number of test takers in second attempt = 80% of 240 = 192

Number of female test takers in second attempt =  $\frac{5}{12} \times 192 = 80$

Number of females who were failed in license test in second attempt  
 $= \frac{65}{100} \times 80 = 52$

30. Ans. A.



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Type of license	Number of males	Number of females	Number of people who passed in driving license test	Number of people who failed in driving license test
Two-wheelers	360	240	63% of (360 + 240) = 378	(360 + 240) - 378 = 222
Light motor vehicles (LMV)	245	205	54% of (245 + 205) = 243	(245 + 205) - 243 = 207
Heavy motor vehicles (HMV)	216	168	37.5% of (216 + 168) = 144	(216 + 168) - 144 = 240

Number of females who passed two-wheelers driving test =  $\frac{5}{14} \times 378 = 135$

Number of females who were failed in two-wheelers driving test = 240 - 135 = 105

Required percentage =  $\frac{105}{240} \times 100 = 43.75\%$

31. Ans. B.

Type of license	Number of males	Number of females	Number of people who passed in driving license test	Number of people who failed in driving license test
Two-wheelers	360	240	63% of (360 + 240) = 378	(360 + 240) - 378 = 222
Light motor vehicles (LMV)	245	205	54% of (245 + 205) = 243	(245 + 205) - 243 = 207
Heavy motor vehicles (HMV)	216	168	37.5% of (216 + 168) = 144	(216 + 168) - 144 = 240



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Number of males rejected in LMV driving license test =  $\frac{5}{9} \times 207 = 115$

Required answer = 40% of 115 =  $\frac{40}{100} \times 115 = 46$

32. Ans. E.

Type of license	Number of males	Number of females	Number of people who passed in driving license test	Number of people who failed in driving license test
Two-wheelers	360	240	63% of (360 + 240) = 378	(360 + 240) - 378 = 222
Light motor vehicles (LMV)	245	205	54% of (245 + 205) = 243	(245 + 205) - 243 = 207
Heavy motor vehicles (HMV)	216	168	37.5% of (216 + 168) = 144	(216 + 168) - 144 = 240

Required ratio = 144 : 207 = 16 : 23

33. Ans. B.

Type of license	Number of males	Number of females	Number of people who passed in driving license test	Number of people who failed in driving license test
Two-wheelers	360	240	63% of (360 + 240) = 378	(360 + 240) - 378 = 222
Light motor vehicles (LMV)	245	205	54% of (245 + 205) = 243	(245 + 205) - 243 = 207
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Let M and F be total number of males and total number of females who passed all three driving license tests respectively.

$$M + F = 378 + 243 + 144 = 765$$

$$M + F = 765 \dots (1)$$

$$M - F = 135 \dots (2)$$

Adding (1) and (2), we get:

$$2M = 900$$

$$\Rightarrow M = 450$$

Total number of males who passed the two-wheelers and HMV driving license tests =  $450 - 176 = 274$

$$\text{Required average} = \frac{274}{2} = 137$$

34. Ans. B.

Company/Month	Company S	Company T
Feb	500	700
Mar	300	150
Apr	600	360
May	800	490

The total number of watches sold by Both companies S & T in April Month together =  $600 + 360 = 960$

35. Ans. B.

Company/Month	Company S	Company T
Feb	500	700
Mar	300	150
Apr	600	360
May	800	490



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Average number of watches sold in March And April by company S =  
 $(600+300)/2 = 450$

36. Ans. B.

Company/Month	Company S	Company T
Feb	500	700
Mar	300	150
Apr	600	360
May	800	490

Average number of watches sold in April, May and June by company T = 390

Total watches in three months =  $3 \times 390 = 1170$

number of watches sold in June =  $1170 - (360+490) = 320$

37. Ans. B.

Company/Month	Company S	Company T
Feb	500	700
Mar	300	150
Apr	600	360
May	800	490

Required ratio = 800 : 700

= 8 : 7

38. Ans. D.

Let the present age of P and Q be  $7x$  years and  $8x$  years respectively.

Present age of R =  $8x - 6 + 11 = 8x + 5$

$7x + 8x + 8x + 5 = 34 \times 3 + 3 \times 6$

$\Rightarrow 23x = 115$

$\Rightarrow x = 5$



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Present age of P =  $7 \times 5 = 35$  years

age of R, 4 years hence =  $8x + 5 + 4 = 8 \times 5 + 5 + 4 = 49$

Required ratio =  $35 : 49 = 5 : 7$





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