

## Puzzle test for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

PT Set No 191
Directions: Study the following information carefully and answer the questions given beside.
Eight persons namely P to W graduated in different years among 2003, 2005, 2009, 2010, 2012, 2013, 2015 and 2018. Each of them graduated in different degree among B.E, M.E, B.S.C, B.A, M.S.C, M.A, M.B.A and B.B.A. Each of them secured different percentage among 63, 67, 71, 74, 79, 85, 88 and 91. All the above information is not necessarily in the same order.

P graduated in M.B.A in 2012. S graduated before V , who graduated in $\qquad$ degree (I). S graduated in M.S.C and secured 79\%. Number of persons graduated after W is same as before T , who graduated in B.A. The one, who graduated in B.E, graduated in $\qquad$ (II) year. The one, who graduated in B.S.C, secured even numbered percentage. Three persons graduated between the one, who graduated in M.A and V. One person graduated between S and V , who secured $63 \%$. $\qquad$ (III) graduated immediately after T and he secured $88 \%$. The one, who secured $79 \%$, graduated in even numbered year. Number of persons graduated before the one, who graduated in M.A is same as after the one, who graduated in B.B.A. Two persons graduated between $P$ and $W$, who secured $\qquad$ (IV) \%. R graduated immediately before W and he secured $85 \%$. Three persons graduated between the one, who secures $85 \%$ and the one, who secures $67 \%$. Difference between the percentage secured by the one, who graduated in M.E and the one, who graduated in B.A is $\qquad$ (V). Q secured less percentage than $P$ but more percentage than $U$. The one, who graduated in M.E neither secured 63\% nor graduated in 2018.

1. Which among the following will fill blank (II)?
A. 2003
B. 2018
C. 2013
D. 2009
E. None of these
2. Which among the following will fill blank (V)?
A. $24 \%$
B. $8 \%$
C. 4\%
D. $20 \%$
E. Can't be determined

## 3. Which among the following will fill blank (III)?

A. U
B. $Q$
C. V
D. Either A or B
E. Either A or C

## 4. Which among the following will fill blank (I)?

A. M.E.
B. B.E.
C. B.B.A.
D. M.A
E. None of these
5. Which among the following will fill blank (IV)?
A. $67 \%$
B. $71 \%$
C. 91\%
D. $74 \%$
E. Can't be determined

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| C | C | B | B | D |



## Common explanations :

## References

P graduated in M.B.A in 2012.

Two persons graduated between P and W , who secured $\qquad$ (IV) \%.

R graduated immediately before W and he secured 85\%

Three persons graduated between the one, who secures $85 \%$ and the one, who secures $67 \%$.

## Inferences

From above statements,

Reference point-1 is direct information.
As per $2^{\text {nd }}$ reference point $W$ is graduated either in 2005 or 2018 ( 2 persons graduated between $P$ and $W$ ). Thus we get two possibilities.

Case-1: Here W graduated in 2005. This implies R graduated in 2003 and he secured $85 \%$. Finally, 3 persons graduated between R (85\%) and the one, who secures $67 \%$. This implies that the one who secured $67 \%$, graduated in 2012 i.e. $P$ as per arrangement.

Case-2: Here W graduated in 2018. This implies R graduated in 2015 and he secured 85\%. Finally, 3 persons graduated between R ( $85 \%$ ) and the one, who secures $67 \%$. This implies that the one who secured $67 \%$, graduated in 2009.

By using above information we get the following table as shown,

| Case-1 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | R |  | 85 |
| 2005 | W |  |  |
| 2009 |  |  |  |
| 2010 |  |  |  |
| 2012 | P | M.B.A | 67 |
| 2013 |  |  |  |
| 2015 |  |  |  |
| 2018 |  |  |  |


| Case-2 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 |  |  |  |
| 2005 |  |  |  |
| 2009 |  |  | 67 |
| 2010 |  |  |  |
| 2012 | P | M.B.A |  |
| 2013 |  |  |  |
| 2015 | R |  | 85 |
| 2018 | W |  |  |

## References

Number of persons graduated after W is same as before T , who graduated in B.A.
$\qquad$ (III), who graduated immediately after T and he secured $88 \%$.

## Inferences

From above statements,
Case-1: Here T graduated in 2015 i.e. 6 persons graduated after W similarly 6 persons graduated before T. T graduated in B.A (reference point-1). As per $2^{\text {nd }}$ reference point the one, who secured $88 \%$, graduated in 2018.

Case-2: Here T graduated in 2003 i.e. no person graduated after $W$ similarly no person graduated before T. T graduated in B.A (reference point-1). As per $2^{\text {nd }}$ reference point the one, who secured $88 \%$, graduated in 2005.

By using above information we get the following table as shown,

| Case-1 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | R |  | 85 |
| 2005 | W |  |  |
| 2009 |  |  |  |
| 2010 |  |  |  |
| 2012 | P | M.B.A | 67 |
| 2013 |  |  |  |
| 2015 | T | B.A |  |
| 2018 |  |  | 88 |


| Case-2 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | T | B.A |  |
| 2005 |  |  | 88 |
| 2009 |  |  | 67 |
| 2010 |  |  |  |
| 2012 | P | M.B.A |  |
| 2013 |  |  |  |
| 2015 | R |  | 85 |
| 2018 | W |  |  |

## References

S graduated in M.S.C and secured 79\%
The one, who secured $79 \%$, graduated in even numbered year.

One person graduated between S and V , who secured $63 \%$.

S graduated before V, who graduated in $\qquad$ degree (I).

## Inferences

From above statements,
By combining $1^{\text {st }}$ and $2^{\text {nd }}$ reference points, $S$ graduated in $M S C, S$ secured $79 \%$ and $S$ graduated in even numbered years.

To satisfy this condition there is only one possibility for each case i.e. S graduated in 2010.
As per $3^{\text {rd }}$ and $4^{\text {th }}$ reference point, 1 person graduated between S and V . S graduated before V . V secured $63 \%$. Therefore V graduated in 2013 (for each case).

By using above information we get the following table as shown,

| Case-1 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | R |  | 85 |
| 2005 | W |  |  |
| 2009 |  |  |  |
| 2010 | S | M.S.C | 79 |
| 2012 | P | M.B.A | 67 |
| 2013 | V |  | 63 |
| 2015 | T | B.A |  |
| 2018 |  |  | 88 |


| Case-2 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | T | B.A |  |
| 2005 |  |  | 88 |
| 2009 |  |  | 67 |
| 2010 | S | M.S.C | 79 |
| 2012 | P | M.B.A |  |
| 2013 | V |  | 63 |
| 2015 | R |  | 85 |
| 2018 | W |  |  |

## References

Three persons graduated between the one, who graduated in M.A and V.
Number of persons graduated before the one, who graduated in M.A is same as after the one, who graduated in B.B.A.

## Inferences

From above statements,
We know V graduated in 2013 (both cases). Therefore the one, who graduated in M.A, is graduated in 2005 (3 persons graduated between them, reference points-1)

Case-1: As per $2^{\text {nd }}$ reference point, 1 person graduated before the one, who graduated in M.A. Therefore 1 person must graduate after the one, who graduated in B.B.A. But in this case there is no place since it is occupied by the one, who graduated in B.A. Therefore case-1 can be eliminated.

Case-2: As per $2^{\text {nd }}$ reference point, 1 person graduated before the one, who graduated in M.A. Therefore 1 person must graduate after the one, who graduated in B.B.A. Therefore the one, who graduated in B.B.A, graduated in 2015.

By using above information we get the following table as shown,

| Case-1 [Eliminated] |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | R |  | 85 |
| 2005 | W | M.A |  |
| 2009 |  |  |  |
| 2010 | S | M.S.C | 79 |
| 2012 | P | M.B.A | 67 |
| 2013 | V |  | 63 |
| 2015 | T | B.A |  |
| 2018 |  |  | 88 |


| Case-2 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | T | B.A |  |
| 2005 |  | M.A | 88 |
| 2009 |  |  | 67 |
| 2010 | S | M.S.C | 79 |
| 2012 | P | M.B.A |  |
| 2013 | V |  | 63 |
| 2015 | R | B.B.A | 85 |
| 2018 | W |  |  |

## References

The one, who graduated in M.E neither secured 63\% nor graduated in 2018.
The one, who graduated in B.S.C, secured even numbered percentage.

The one, who graduated in B.E, graduated in $\qquad$ (II) year.
$Q$ secured less percentage than $P$ but more percentage than $U$.

Difference between the percentage secured by the one, who graduated in M.E and the one, who graduated in B.A is $\qquad$ (V)

## Inferences

From above statements,
As per $1^{\text {st }}$ reference point, the one, who graduated in M.E, must graduate in 2009 and he secured $67 \%$ (only possibility as per table) since he doesn't secure 63\% and he not graduated in 2018.

Remaining percentages left are 71, 74, and 91.
Given, the one, who graduated in B.S.C, secured even numbered percentage. Therefore he must secure 74\% (even number, only possibility) i.e. W graduated in B.S.C and secured $74 \%$ as per table.

This implies V graduated in B.E and graduated in 2013 (only person left among given)
Given, $\mathrm{Q}<\mathrm{P}$ and $\mathrm{Q}>\mathrm{U}$ i.e. by combining $\mathrm{P}>\mathrm{Q}>\mathrm{U}$.
To satisfy this condition $Q$ must secure $88 \%$ and $U$ must secure $67 \%$ (only possibility as per table arrangement)

This implies P must secure $91 \%$. Thus P $(91 \%)>Q(88 \%)>U(67 \%)$, condition satisfied.
Finally, T secured 71\% (only person left among given) and he graduated in B.A

As per last reference point, the difference between the percentage secured by the one, who graduated in M.E and the one, who graduated in B.A is $4(71-67=4)$

All the given conditions satisfied and we get the completed table in Case-2 as shown below.

| Case-2 |  |  |  |
| :---: | :---: | :---: | :---: |
| Year | Person | Degree | Percentage |
| 2003 | T | B.A | 71 |
| 2005 | Q | M.A | 88 |
| 2009 | U | M.E | 67 |
| 2010 | S | M.S.C | 79 |
| 2012 | P | M.B.A | 91 |
| 2013 | V | B.E | 63 |
| 2015 | R | B.B.A | 85 |
| 2018 | W | B.S.C | 74 |

## Answers :

1. Following the common explanation, we get "2013".

The one, who graduated in B.E, graduated in $\qquad$ (II) year.

The one, who graduated in B.E, graduated in 2013 i.e. V

Hence, option C is correct.
2. Following the common explanation, we get " $4 \%$ ".

Difference between the percentage secured by the one, who graduated in M.E and the one, who graduated in B.A is $\qquad$ (V)

U graduated in M.E and secured 67\% and T graduated in B.A and secured 71\%
Difference, $71 \%-67 \%=4 \%$
Hence, option C is correct.
3. Following the common explanation, we get " $Q$ ".
$\qquad$ (III), who graduated immediately after T and he secured $88 \%$.

Q, who graduated immediately after $T$, and he secured $88 \%$.
Hence, option B is correct.
4. Following the common explanation, we get "B.E".
$S$ graduated before $V$, who graduated in $\qquad$ degree (I).

S graduated before V , who graduated in B.E.
Hence, option B is correct.
5. Following the common explanation, we get " $74 \%$ ".

Two persons graduated between P and W , who secured $\qquad$ (IV) \%.

Two persons graduated between P and W , who secured 74\%.
Hence, option D is correct.

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