Date Interpretation Info Chart Questions Quiz for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Info Chart Quiz 13

Directions: Study the given information carefully to answer the questions.

Virat kohli scored runs against different countries in three different years.

NOTE: Total runs scored in a year= Australia + England + Others

2015: The total runs scored in 2015 were 1200. The runs scored against England were 1/3rd of the runs against Others in 2016. The average runs scored against Australia and England was 300.

2016: The total runs scored against Australia and Others was 1200. The ratio of the total runs scored against Others in 2015 to that of the total runs scored against Others in 2016 is 4:3. The total runs scored against England in 2016 were equal to the total runs scored against England in 2017.

2017: The sum of the total runs scored against Australia and England is equal to the total runs scored against Others. The total runs scored in 2017 were 1400. The total runs scored against Australia were twice of the runs scored against England in 2015.

1. What were the total runs scored in 2016?

A. 1100 B. 1500 C. 1600 D. 1400 E. 1000

2. What is the sum of the runs scored against England in all three years?

A. 800 B. 950 C. 850 D. 1050 E. 1100

3. What is the ratio of the total runs scored against Australia in 2015 to that of the total runs scored against England in 2017?

A. 7 : 9 B. 9 : 7 C. 11 : 7 D. 9 : 8 E. 11 : 13

4. What is the difference between the total runs scored against Others in 2015 to the total runs scored against Others in 2016?

A. 150 B. 200 C. 100 D. 300 E. 250

5. The total runs scored against Australia in 2016 is what percentage of the total runs scored against Australia in 2017?

A. 125% B. 100% C. 150% D. 200% E. 250%

Correct Answers:

1	2	3	4	5
C	B	D	A	E

Answers :-

1. 2015:

The total runs scored in 2015 were 1200.

The average runs scored against Australia and England was 300 so the total runs scored against Australia and England was 600.

The total runs scored against others = 1200 – 600 = 600

2016:

The ratio of the total runs scored against Others in 2015 to that of the total runs scored against Others in 2016 is 4 : 3.

So the total runs against Others in 2016= $\frac{600}{4} \times 3 = 450$

The total runs scored against Australia and Others = 1200

The total runs scored against Australia = 1200 – 450 = 750

2017:

The total runs scored in 2017 were 1400.

The sum of the total runs scored against Australia and England is equal to the total runs scored against Others. It means the total runs scored against Others were is half i.e 700 runs and the sum of the total runs scored against Australia and England was 700.

Years	Australia	England	Others
2015 (1200)			600
2016	750		450
2017 (1400)			700

2015:

The runs scored against England were 1/3rd of the runs against Others in 2016.

So the total runs scored against England were =$\frac{450}{3} = 150$

The total runs scored against Australia = 600 – 150 = 450

2017:

The total runs scored against Australia were twice of the runs scored against England in 2015.

The total runs scored against Australia = 150 × 2= 300

The total runs scored against England = 700 – 300=400

2016:

The total runs scored against England in 2016 were equal to the total runs scored against England in 2017.

The total runs scored against England = 400

Years	Australia	England	Others
2015 (1200)	450	150	600
2016 (1600)	750	400	450
2017 (1400)	300	400	700

The total runs scored in 2016 were 1600.

Hence, option C is correct.

2. 2015:

The total runs scored in 2015 were 1200.

The average runs scored against Australia and England was 300 so the total runs scored against Australia and England was 600.

The total runs scored against others = 1200 – 600=600

2016:

The ratio of the total runs scored against Others in 2015 to that of the total runs scored against Others in 2016 is 4 : 3.

So the total runs against Others in 2016 = $\frac{600}{4} \times 3 = 450$

The total runs scored against Australia and Others = 1200

The total runs scored against Australia = 1200 – 450 = 750

2017:

The total runs scored in 2017 were 1400.

The sum of the total runs scored against Australia and England is equal to the total runs scored against Others. It means the total runs scored against Others were is half i.e 700 runs and the sum of the total runs scored against Australia and England was 700.

Years	Australia	England	Others
2015 (1200)			600
2016	750		450
2017 (1400)			700

2015:

The runs scored against England were 1/3rd of the runs against Others in 2016.

So the total runs scored against England were $= \frac{450}{3} = 150$

The total runs scored against Australia = 600 – 150 = 450

2017:

The total runs scored against Australia were twice of the runs scored against England in 2015.

The total runs scored against Australia = 150 × 2 = 300

The total runs scored against England = 700 – 300 = 400

2016:

The total runs scored against England in 2016 were equal to the total runs scored against England in 2017.

The total runs scored against England= 400

Years	Australia	England	Others
2015 (1200)	450	150	600
2016 (1600)	750	400	450
2017 (1400)	300	400	700

The total runs scored against England in all three years = 150 + 400 + 400 = 950

Hence, option B is correct.

3. 2015:
The total runs scored in 2015 were 1200.
The average runs scored against Australia and England was 300 so the total runs scored against Australia and England was 600.
The total runs scored against others = 1200 – 600 = 600

2016:
The ratio of the total runs scored against Others in 2015 to that of the total runs scored against Others in 2016 is 4 : 3.

So the total runs against Others in 2016 = $\frac{600}{4} \times 3 = 450$

The total runs scored against Australia and Others = 1200
The total runs scored against Australia = 1200 – 450 = 750

2017:
The total runs scored in 2017 were 1400.
The sum of the total runs scored against Australia and England is equal to the total runs scored against Others. It means the total runs scored against Others were is half i.e 700 runs and the sum of the total runs scored against Australia and England was 700.

Years	Australia	England	Others
2015 (1200)			600
2016	750		450
2017 (1400)			700

2015:
The runs scored against England were 1/3rd of the runs against Others in 2016.

So the total runs scored against England were = $\frac{450}{3} = 150$

The total runs scored against Australia = 600 – 150 = 450

2017:
The total runs scored against Australia were twice of the runs scored against England in 2015.
The total runs scored against Australia = 150 × 2 = 300
The total runs scored against England = 700 – 300 = 400

2016:
The total runs scored against England in 2016 were equal to the total runs scored against England in 2017.
The total runs scored against England = 400

Years	Australia	England	Others
2015 (1200)	450	150	600
2016 (1600)	750	400	450
2017 (1400)	300	400	700

The total runs scored against Australia in 2015 = 450
The total runs scored against England in 2017 = 400
So, required ratio = 450 : 400 = 9 : 8
Hence, option D is correct.

4. 2015:

The total runs scored in 2015 were 1200.

The average runs scored against Australia and England was 300 so the total runs scored against Australia and England was 600.

The total runs scored against others= 1200–600=600

2016:

The ratio of the total runs scored against Others in 2015 to that of the total runs scored against Others in 2016 is 4 : 3.

So the total runs against Others in 2016 = $\frac{600}{4} \times 3 = 450$

The total runs scored against Australia and Others = 1200

The total runs scored against Australia = 1200 – 450 = 750

2017:

The total runs scored in 2017 were 1400.

The sum of the total runs scored against Australia and England is equal to the total runs scored against Others. It means the total runs scored against Others were is half i.e 700 runs and the sum of the total runs scored against Australia and England was 700.

Years	Australia	England	Others
2015 (1200)			600
2016	750		450
2017 (1400)			700

2015:

The runs scored against England were 1/3rd of the runs against Others in 2016.

So the total runs scored against England were $= \frac{450}{3} = 150$

The total runs scored against Australia = 600 – 150 = 450

2017:

The total runs scored against Australia were twice of the runs scored against England in 2015.

The total runs scored against Australia = 150 × 2 = 300

The total runs scored against England = 700 – 300 = 400

2016:

The total runs scored against England in 2016 were equal to the total runs scored against England in 2017.

The total runs scored against England = 400

Years	Australia	England	Others
2015 (1200)	450	150	600
2016 (1600)	750	400	450
2017 (1400)	300	400	700

The total runs scored against Others in 2015 = 600

The total runs scored against Others in 2016 = 450

So, required difference = 600 – 450 = 150

Hence, option A is correct.

5. 2015:

The total runs scored in 2015 were 1200.

The average runs scored against Australia and England was 300 so the total runs scored against Australia and England was 600.

The total runs scored against others = 1200 – 600 = 600

2016:

The ratio of the total runs scored against Others in 2015 to that of the total runs scored against Others in 2016 is 4 : 3.

So the total runs against Others in 2016 = $\frac{600}{4} \times 3 = 450$

The total runs scored against Australia and Others = 1200

The total runs scored against Australia = 1200 – 450 = 750

2017:

The total runs scored in 2017 were 1400.

The sum of the total runs scored against Australia and England is equal to the total runs scored against Others. It means the total runs scored against Others were is half i.e 700 runs and the sum of the total runs scored against Australia and England was 700.

Years	Australia	England	Others
2015 (1200)			600
2016	750		450
2017 (1400)			700

2015:

The runs scored against England were 1/3rd of the runs against Others in 2016.

So the total runs scored against England were $= \frac{450}{3} = 150$

The total runs scored against Australia = 600 – 150 = 450

2017:

The total runs scored against Australia were twice of the runs scored against England in 2015.

The total runs scored against Australia = 150 × 2 = 300

The total runs scored against England = 700 – 300 = 400

2016:

The total runs scored against England in 2016 were equal to the total runs scored against England in 2017.

The total runs scored against England = 400

Years	Australia	England	Others
2015 (1200)	450	150	600
2016 (1600)	750	400	450
2017 (1400)	300	400	700

The total runs scored against Australia in 2016 = 750

The total runs scored against Australia in 2017 = 300

So, reqd. % = $\frac{750}{300} \times 100 = 250\%$

Hence, option E is correct.