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Date Interpretation Table Chart Questions for IBPS PO Pre, IBPS SO Pre, IBPS Clerk Mains, SBI PO Pre, SBI Clerk Mains and RRB Scale I Pre Exams.

DI Table Chart Quiz 59

Directions: Study the following table chart carefully and answer the questions given beside:

In the given below table the number of players in five different sports from five different schools are given.

Sports	A	B	C	D	E
Cricket	86	100	135	84	55
Badminton	79	129	133	98	85
Tennis	74	135	159	89	48
Football	67	107	133	73	72
Basketball	94	99	140	76	90

The below table shows the percentage number of girl players in each school:

School	A	B	C	D	E
Girls	15%	33.33%	19%	16.67%	20%

1. Which school has the highest number of players and which school has the lowest players respectively?

A. C & E B. C & D C. C & A D. C & B E. None of these

2. What percent of total boys is total girls?

A. 26.28% B. 27.28% C. 28.28% D. 26.82% E. 28.98%

3. Which school has the maximum percentage players in Badminton?

A. D B. A C. B D. E E. C

4. Which sport has the most number of players from all the schools?

A. Cricket B. Football C. Basketball D. Tennis E. Badminton

5. What percent of the total number of players from all the schools in football and cricket together is the total number of basketball players?

A. 54.72% B. 53.34% C. 51.25% D. 49.75% E. 55.72%

Correct Answers:

1	2	3	4	5
A	B	D	E	A

Explanations:

1. Number of players in school,

A = 86 + 79 + 74 + 67 + 94 = 400

B = 100 + 129 + 135 + 107 + 99 = 570

C = 135 + 133 + 159 + 133 + 140 = 700

D = 84 + 98 + 89 + 73 + 76 = 420

E = 55 + 85 + 48 + 72 + 90 = 350

From above, School with highest number of players = School C

And School with lowest number of players = School E

Hence, Option A is correct.

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2. No. of girls in each school:

A = 15% of 400 = 60

B = 33.33% of 570 = 190

C = 19% of 700 = 133

D = 16.67% of 420 = 70

E = 20% of 350 = 70

Total girls, G = 60 + 190 + 133 + 70 + 70 = 523

No. of boys in each school:

A = 400 – 60 = 340

B = 570 – 190 = 380

C = 700 – 133 = 567

D = 420 – 70 = 350

E = 350 – 70 = 280

Total boys, B = 340 + 380 + 567 + 350 + 280 = 1917

Therefore, reqd. % = $\frac{523}{1917} \times 100 = 27.28\%$

Hence, option B is correct.

3. Percentage players in Badminton from each school,

$A = \frac{79}{400} \times 100 = 19.75\%$

$B = \frac{129}{570} \times 100 = 22.63\ \%$

$C = \frac{133}{700} \times 100 = 19\%$

$D = \frac{98}{420} \times 100 = 23.33\%$

$E = \frac{85}{350} \times 100 = 24.29\%$

Therefore, School E has the maximum percentage players in Badminton.

Hence, option D is correct.

4. Number of players in,
Cricket = 86 + 100 + 135 + 84 + 55 = 460
Badminton = 79 + 129 + 133 + 98 + 85 = 524
Tennis = 74 + 135 + 159 + 89 + 48 = 505
Football = 67 + 107 + 133 + 73 + 72 = 452
Basketball = 94 + 99 + 140 + 76 + 90 = 499
Therefore, Badminton has the most number of players,
Hence, option E is correct.

5.

$\text{Reqd. } \% = \frac{499}{452 + 460} \times 100 = 54.72\%$

Hence, option A is correct.

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