Table DI for Bank Exam – Question Bank Set 1 (Eng)

[Click Here For Bundle PDF Course](#) [Click Here to Subscribe Our Yearly Mock Test Package](#)

Table DI for Bank Exam – Question Bank Set 1 (Eng)

Directions (1–5): Read the following information carefully and answer the questions based on it.

The given table shows the number of students who qualified for the SBI PO exam, the number of students who did not qualify for the CAT Exam, % of students who did not qualify for the SBI PO Exam out of the total students in a particular city who attend the SBI PO exam and % of the students who are qualified for the CAT Exam out of the total students in a particular city those who attend the CAT Exam. There are five cities – Delhi, Mumbai, Lucknow, Ahmedabad and Bengaluru and one student can apply for Either CAT or SBI PO Exam.

City	Students Qualified for SBI PO	Students Did not Qualified for CAT	% of students did not qualify for SBI PO	% of students Qualified for CAT
Delhi	120	80	80%	33.33%
Mumbai	63	99	62.5%	18.18%
Lucknow	272	150	32%	50%
Ahmedabad	50	160	44.44%	20%
Bengaluru	126	204	65%	15%

1) Find the average number of students who qualified for the CAT exam in Delhi, Mumbai and Ahmedabad together?

a) 32

b) 24

c) 34

d) 38

e) None of these

2) In Luck now, out of the total candidates who did not qualify for SBI PO and Out of the total number of students those who did not qualify for CAT, 75% and 20% were girls respectively and the total number of boys who qualified the exam was 230, then find the total number of girls?

a) 308

b) 318

c) 328

d) 382

e) None of these

3) Find the difference between A and B, where

A = percentage of students who qualified for the Exam in Bengaluru

B = percentage of students who did not qualify for the exam in Delhi

a) 50.43%

b) 49.75%

c) 51.78%

d) 50.78%

e) None of these

4) Find the average number of students who did not qualify for the SBI PO exam in all cities taken together?

a) 196.4

b) 192.4

c) 198.4

d) 197.6

Click Here For Bundle PDF Course Click Here to Subscribe Our Yearly Mock Test Package

e) None of these

5) If the total number of students who attend the GATE exam is 40% more than the number of students who attend SBI PO in Ahmedabad and the total number of students who attend the UPSC exam is 120% more than the number of students who attend CAT exam in Lucknow, then find the difference between the number of students who attend GATE exam and who attend UPSC exam?

a) 534

b) 564

c) 504

d) 524

e) None of these

Directions (6-10): Study the Table and answer the following questions.

The given table graph represents the difference of men and women of five cities in percentage and the total number of people [men + women] is given.

Number of women is greater than men in city A, C and E and the number of men is greater than women in city B and D.

City	Difference of men and women in percentage	Total number of people
A	37.5%	480
B	25%	360
C	44.44%	540
D	33.33%	510
E	28.57%	490

6) Number of females in city A and B together is what percent of the number males in city C and D together?

A.88.52%

B.48.9%

C.358.2%

D.36.25%

E.94.89%

7) Find the difference between the total number of male in A and E together and the total number of females in B and D together?

A.78

B.14

C.36

D.20

E.19

8) Find the ratio of the number of females in city D and the number of females in City A?

A.5:9

B.2:5

C.17:33

D.1:1

E.2:3

9) 20% female and 25% male in city D are Government officers. Find the total number of people in city D who are Government officers?

A.252

B.119

C.369

D.258

E.147

10) Total number of males is what percent of the total number of females in all the cities together?

A.77.61%

B.88.25%

C.70.3%

D.47.12%

E.63.01%

ANSWER WITH EXPLANATION

Directions (1 – 5):

For Delhi,

The number of students who did not qualify for the SBI PO = 80% of the students who attend the SBI PO exam

So, the number of students who qualified for the SBI PO = 20% of the students who attend the SBI PO exam

So, 20% of students who attend the SBI PO exam = 120

The total number of students who attend the SBI PO exam = 120/20 x

100 = 600

So, the number of students who did not Qualified for SBI PO exam= 600 – 120 = 480

The number of students who qualified for the CAT exam = 33.33% of the students who attend the CAT exam

So, the number of students who did not qualified for the CAT exam= 66.66% of the students who attend the CAT exam.

So, 66.66% of the students who are not qualified for the CAT exam= 80

The total number of students who attend the CAT exam= (80/2) x 3 = 120

The number of students who qualified for CAT = 120 – 80 = 40

Similarly, we can find the data for all cities,

City	Students attend SBI PO	Students Qualified for SBI PO	Students did not Qualified for SBI PO	Students attend CAT	Students did not qualify for CAT	Students qualified for CAT
Delhi	600	120	480	120	80	40
Mumbai	168	63	105	121	99	22
Lucknow	400	272	128	300	150	150
Ahmedabad	90	50	40	200	160	40
Bengaluru	360	126	234	240	204	36

1) Answer: C

According to the question,

The average number of students qualified for CAT exam Delhi, Mumbai and Ahmedabad together= (40 + 22 + 40) / 3 = 34

Hence, the answer is option C

2) Answer: B

The total number of students who qualified for the exam = 272 + 150 = 422

Number of girls who qualified for the exam = 422 – 230 = 192

Number of girls who did not qualify for the exam = 75% of 128 + 20% of 150 = 126

The total number of girls = 192 + 126 = 318

Hence, the answer is option B

3) Answer: D

Value of A = (126 + 36)/ (360 + 240) = 27%

Value of B = (480 + 80) / (600 + 120) = = 77.77%

Required difference = 77.77% - 27% = 50.78%

Hence, the answer is option D

4) Answer: E

Required average = (480 + 105 + 128 + 40 + 234)/5 = 197.4

Hence, the answer is option E

5) Answer: A

Number of students those who attend GATE exam = 90 x 1.4 = 126

Number of students those who attend UPSC exam = 300 x 2.2 = 660

Required difference = 660 – 126 = 534

Hence, the answer is option A

Directions (6-10):

In city A,

Total number of people is 480

So, women + men =480

Women – men =480*37.5/100=180

So, women=660/2=330

Men=300/2=150

Similarly we calculate the number of men and women for other cities also.

City	Men	Women
A	150	330
B	225	135
C	150	390
D	340	170
E	175	315

6) Answer: E

Required percentage = {[330+135]/[150+340]}*100=94.89%

7) Answer: D

Required difference = [150+175]-[135+170]=20

8) Answer: C

Required ratio =170:330=17:33

9) Answer: B

Total number of Government officer in D= 25*340/100 + 170*20/100=85+34=119

10) Answer: A

Total number male=150+225+150+340+175=1040

Total number of female=330+135+390+170+315=1340

Required percentage=[1040/1340]*100=77.61%

Click Here For Bank Exam Free PDF

Click Here For Reasoning Free PDF

Click Here For Quantitative Aptitude Free PDF

Click Here For English Free PDF