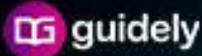


Table DI for Bank Exam – Question Bank Set 2 (Eng)



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Table DI for Bank Exam – Question Bank Set 2 (Eng)

Directions (1-5): Read the following information carefully and answer the questions.

The given table shows the percentage distribution of the three different types of tables i.e. round, square and rectangular manufactured in five different months (January, February, March, April and May), the ratio of the square and rectangular tables manufactured and also given the percentage of round tables manufactured in five different months.

Note: The average number of tables manufactured in February=320

Months	The percentage of tables manufactured	The ratio of the square and rectangular tables manufactured	The percentage of round tables manufactured
January	12.5%	7:4	45%
February	15%	5:4	25%
March	10%	3:5	50%
April	25%	15:11	35%
May	37.5%	9:7	60%

1) If the number of round and square tables manufactured in June is 90 and 125 more than the number of round and square tables manufactured in March, the total number of tables manufactured in June is 12.5% more than that of February and then find the number of rectangular tables manufactured in June?

- A. 450
- B. 425
- C. 475
- D. 400
- E. None of these

2) Find the ratio of the total number of rectangular tables manufactured in January and April together to the total number of round tables manufactured in February and April together?

- A. 7:6
- B. 5:4
- C. 7:9
- D. 3:4
- E. None of these

3) If the number of half-round tables manufactured is 66.66% of the number of rectangular tables manufactured in May, then the number of half-round tables manufactured in May is what percentage of the number of square tables manufactured in February?

- A. 60%
- B. 40%
- C. 70%
- D. 50%
- E. None of these

4) If the price of each square and rectangular table in March is Rs.1050 and Rs.1350, then find 6.25% of the difference between the total amount earned on rectangular and square tables in March (all tables are sold)?

- A. Rs.9000
- B. Rs.5000
- C. Rs.7000
- D. Rs.8000
- E. None of these

Table DI for Bank Exam – Question Bank Set 2 (Eng)

5) Find the difference between the number of round tables manufactured in March and May together and the number of square tables manufactured in January, February and April together?

- A. 420
- B. 460
- C. 400
- D. 480
- E. None of these

Directions (6-10): Read the following information carefully and answer the questions.

The given table chart shows the number of persons (males and females) who used parachute on five different days (Monday, Tuesday, Wednesday, Thursday and Friday) in the year 2020 from Goa and also given the ratio of the number of males and females who used parachute on five different days.

Note: The number of persons who used parachute on Monday is 300 less than the number of persons who used parachute on Wednesday.

Days	The number of persons who used parachute	Ratio of the number of males and females who used parachute
Monday	12x	8:7
Tuesday	9x	2:3
Wednesday	15x	11:19
Thursday	8x	7:9
Friday	16x	9:11

6) If the ratio of the number of persons who used parachute on Saturday and Thursday is 9:8 and the ratio of the number of males who used parachute on Saturday and that of Thursday is 9:7 and then find the number of females who used parachute on Saturday?

- A. 450
- B. 350
- C. 550
- D. 250
- E. None of these

7) The number of males who used parachute on Friday is how much percentage more/less than the number of females who used parachute on Thursday?

- A. 20% more
- B. 50% more
- C. 45% more
- D. 60% more
- E. None of these

Table DI for Bank Exam – Question Bank Set 2 (Eng)

8) On Tuesday, the number of persons who used parachute in Maharashtra is 16.66% less than that of Goa in which 60% of the persons are males and then find the number of females who used parachute in Maharashtra?

- A. 250
- B. 300
- C. 150
- D. 100
- E. None of these

9) Find the difference between the number of females who used parachute on Tuesday and Thursday together and the number of males who used parachute on Tuesday and Thursday together?

- A. 210
- B. 250
- C. 280
- D. 240
- E. None of these

10) The number of females who used parachute on Monday is approximately what percentage of the number of females who used parachute on Friday?

- A. 64%
- B. 38%
- C. 45%
- D. 52%
- E. None of these

ANSWER WITH EXPLANATION

Directions (1-5):

The number of tables manufactured in five different months is considered = $100X$

The number of tables manufactured in February = $100X * 15/100 = 15X$

The average number of tables manufactured in February = 320

The number of tables manufactured in February = 960

The number of tables manufactured in five different months = $100 * 960/15 = 6400$

Months	The number of tables manufactured	The number of round tables manufactured	The number of square tables manufactured	The number of rectangular tables manufactured
January	$6400 * 1/8 = 800$	$800 * 9/20 = 360$	$440/11 * 7 = 280$	160
February	$6400 * 3/20 = 960$	$960 * 1/4 = 240$	$720/9 * 5 = 400$	320
March	$6400 * 1/10 = 640$	$640 * 1/2 = 320$	$320/8 * 3 = 120$	200
April	$6400 * 1/4 = 1600$	$1600 * 7/20 = 560$	$1040/26 * 15 = 600$	440
May	$6400 * 3/8 = 2400$	$2400 * 3/5 = 1440$	$960/16 * 9 = 540$	420

1) Answer: B

The total number of tables manufactured in February = 960

Table DI for Bank Exam – Question Bank Set 2 (Eng)

The total number of tables manufactured in June= $960/8*9=1080$

The number of round and square tables manufactured in March= $120+320=440$

The number of round and square tables manufactured in June= $440+90+125=655$

The number of rectangular tables manufactured in June= $1080-655=425$

2) Answer: D

The number of rectangular tables manufactured in January and April= $160+440=600$

The number of round tables manufactured in February and April= $240+560=800$

Required ratio= $600:800=3:4$

3) Answer: C

The number of rectangular tables manufactured in May= 420

The number of half-round tables manufactured in May= $420/3*2=280$

The number of square tables manufactured in February= 400

Required percentage= $280/400*100=70\%$

4) Answer: A

The number of square tables manufactured in March= 120

The total amount earned on square tables in March= $120*1050=Rs.126000$

The number of rectangular tables manufactured in March= 200

The total amount earned on rectangular tables in March= $200*1350=Rs.270000$

Required difference= $(270000-126000)/16=144000/16=Rs.9000$

5) Answer: D

The number of round tables manufactured in March and May= $320+1440=1760$

The number of square tables manufactured in January, February and April

= $280+400+600=1280$

Required difference= $1760-1280=480$

Directions (6-10):

Let the number of persons who used parachute on five different days = $12x+9x+15x+8x+16x=60x$

The number of persons who used parachute on five different days= $60x*300/(15x-12x)=60*300/3=6000$

Days	The number of persons who used parachute	The number of males who used parachute	The number of females who used parachute
Monday	$6000*12/60=1200$	$1200*8/15=640$	$1200-640=560$
Tuesday	$6000*9/60=900$	$900*2/5=360$	$900-360=540$
Wednesday	$6000*15/60=1500$	$1500*11/30=550$	$1500-550=950$
Thursday	$6000*8/60=800$	$800*7/16=350$	$800-350=450$
Friday	$6000*16/60=1600$	$1600*9/20=720$	$1600-720=880$

6) Answer: A

The number of persons who used parachute on Saturday= $800/8*9=900$

The number of males who used parachute on Saturday= $350*9/7=450$

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The number of females who used parachute on Saturday=900-450=450

7) Answer: D

Requiredpercentage = $(720 - 450) / 450 * 100 = 270 / 450 * 100 = 60\%$ more

8) Answer: B

The number of persons who used parachute in Maharashtra on Tuesday=900*5/6=750

The number of females who used parachute in Maharashtra on Tuesday=750*2/5=300

9) Answer: C

The number of males who used parachute on Tuesday and Thursday=360+350=710

The number of females who used parachute on Tuesday and Thursday=540+450=990

Required difference=990-710=280

10) Answer: A

Required percentage = $560 / 880 * 100 = 63.63\% = 64\%$

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