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DI table Chart Questions for SBI Clerk Mains, IBPS Clerk Mains, RBI Assistant Mains, LIC AAO, SBI PO Pre, IBPS PO Pre and RRB Scale I Pre Exams.

DI Table Chart No. 104

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

Three buses i.e. Red, Green and Orange run from city A to city B. The number of passengers who travelled on these buses in a particular week is given in the table. Some of the data is given in the table while some are missing.

	Red Bus	Green Bus	Orange Bus	Total number of passengers
Monday	102	–	86	307
Tuesday	–	107	113	315
Wednesday	122	–	108	–
Thursday	90	97	–	262
Friday	85	95	124	–
Saturday	118	–	–	349
Sunday	–	96	100	302
Total	–	712	732	–

- Find the total fare earned from Red bus in the whole week if the fare per person in the Red bus is Rs. 12.**
A. Rs. 8424 B. Rs. 8616 C. Rs. 8748 D. Rs. 8508 E. Rs. 8436
- Find the total number of passengers who travelled by all the three buses in the whole week.**
A. 2155 B. 2196 C. 2177 D. 2184 E. 2162
- Find the difference between the total number of passengers who travelled by all the three buses on Wednesday and the total number of passengers who travelled by all the three buses on Friday.**
A. 19 B. 17 C. 22 D. 29 E. 11



4. The fare for each passenger in the Green bus and in the Orange bus is Rs. 16 and Rs. 19, respectively. Find the difference between the amount earned by the Green bus and the amount earned by the Orange bus in the whole week.

A. Rs. 5214

B. Rs. 2142

C. Rs. 1866

D. Rs. 2516

E. Rs. 3266

5. Find the difference between the number of passengers who travelled by Green bus on Monday and on Wednesday.

A. 31

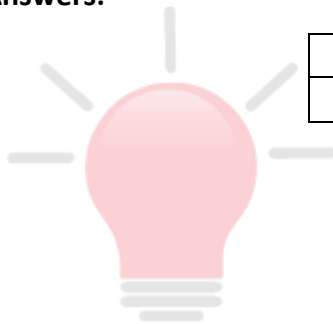
B. 21

C. 26

D. 35

E. 22

Correct Answers:



1	2	3	4	5
B	E	A	D	C

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Explanations :

1. Total number of passengers travelled by Red bus on Tuesday

$$= [315 - (107 + 113)] = 95$$

Total number of passengers travelled by Red bus on Sunday

$$= [302 - (96 + 100)] = 106$$

Total number of passengers travelled by Red bus in the whole week

$$= (102 + 95 + 122 + 90 + 85 + 118 + 106) = 718$$

So, required amount = $718 \times 12 = \text{Rs. } 8616$

So option B is the correct answer.

2. Total number of passengers travelled by Red bus on Tuesday

$$= [315 - (107 + 113)] = 95$$

Total number of passengers travelled by Red bus on Sunday

$$= [302 - (96 + 100)] = 106$$

Total number of passengers travelled by Red bus in the whole week

$$= (102 + 95 + 122 + 90 + 85 + 118 + 106) = 718$$

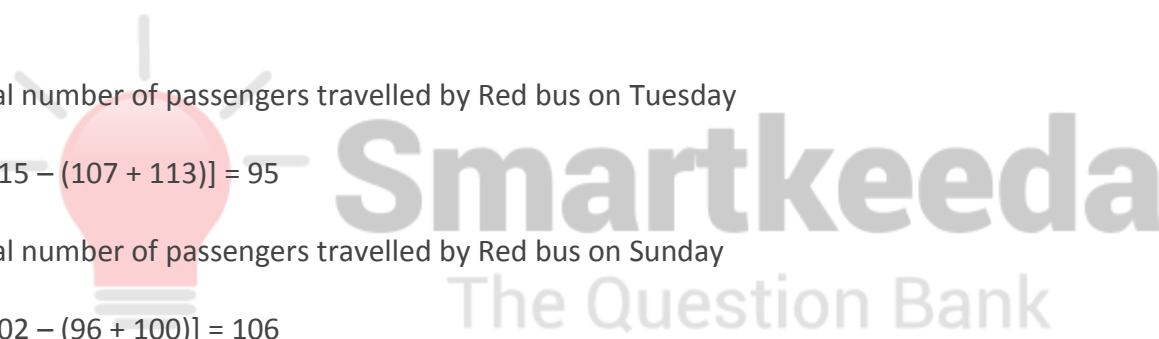
Total number of passengers travelled by Green bus in the whole week = 712

Total number of passengers travelled by Orange bus in the whole week = 732

Total number of passengers travelled by all the three buses in the whole week

$$= (718 + 712 + 732) = 2162$$

So option E is the correct answer.



3. Total number of passengers travelled by Red bus on Tuesday

$$= [315 - (107 + 113)] = 95$$

Total number of passengers travelled by Red bus on Sunday

$$= [302 - (96 + 100)] = 106$$

Total number of passengers travelled by Red bus in the whole week

$$= (102 + 95 + 122 + 90 + 85 + 118 + 106) = 718$$

Total number of passengers travelled by Green bus in the whole week = 712

Total number of passengers travelled by Orange bus in the whole week = 732

Total number of passengers travelled by all the three buses in the whole week

$$= (718 + 712 + 732) = 2162$$

Total number of passengers travelled by all the three buses on Friday

$$= (85 + 95 + 124) = 304$$

Total number of passengers travelled by all the three buses on Wednesday

$$= [2162 - (307 + 315 + 262 + 304 + 349 + 302)] = 323$$

$$\text{Required difference} = (323 - 304) = 19$$

So option A is the correct answer.

4. Total number of passengers travelled by Green bus in the whole week = 712

$$\text{Total amount earned by the Green bus in the whole week} = \text{Rs. } 712 \times 16 = \text{Rs. } 11392$$

Total number of passengers travelled by Orange bus in the whole week = 732

$$\text{Total amount earned by the Orange bus in the whole week} = \text{Rs. } 732 \times 19 = \text{Rs. } 13908$$

$$\text{Therefore, required difference} = \text{Rs. } (13908 - 11392) = \text{Rs. } 2516$$

So option D is the correct answer.

5. Total number of passengers travelled by Orange bus on Thursday = $[262 - (90 + 97)] = 75$

Total number of passengers travelled by Orange bus on Saturday = $[732 - (86 + 113 + 108 + 75 + 124 + 100)] = 126$

Total number of passengers who travelled by Green bus on Saturday = $[349 - (118 + 126)] = 105$

Total number of passengers who travelled by Green bus on Monday = $[307 - (102 + 86)] = 119$

Total number of passengers who travelled by Green bus on Wednesday = $[712 - (119 + 107 + 97 + 95 + 105 + 96)] = 93$

Therefore, required difference = $(119 - 93) = 26$

So option C is the correct answer.



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