Friends!

We Used **Smartkeeda** and cracked Bank Exams

बैंक परीक्षाओं के लिए निश्चित रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज

SOUMYADIP BISWAS
IBPS PO 2023

DHAIRYA GAUR
RRB PO 2023

TIYASA ROY
IBPS CLERK & PO 2023

MD. SHABAN
IBSP PO & CLERK 2023

BHAVANA PADALIYA
IBPS CLERK & PO 2023

KAJOL WADHWANI
IBPS PO & CLERK 2023

ESHU SINGH
SBI PO 2023

SACHIN RAI
IBPS PO & CLERK 2023

SUDHEER JANGID
RRB CLERK 2023

VRINDA AGARWAL
SBI PO 2023

SHREYA MAHENDRA MOON
IBPS PO 2023

ANSH GULATI
IBPS PO & CLERK 2023
SBI PO & RRB CLERK 2023

It's Your Turn Now
Take A Free Mock Test

USE CODE **FEST24** for 10% OFF

Puzzle test for SBI PO Mains, IBPS PO Mains and RBI Grade B Exams.

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

A fruit seller sold three different fruits i.eMango, Guava and Apple in four consecutive months of a year starting from the month of May not necessarily in the same order. Selling price of each guava, apple and mango is Rs.7, Rs 15 and Rs. 12 respectively.

The total number of each fruits sold on each month is a multiple of 11 with no repetition of any number. Lowest number of any individual fruit sold on any month is 22 and the highest number of any individual fruit sold on any month is 143.

Total number of mangoes sold in the month of May and July is highest among all.

Total fruits sold in the month of July and August is 286 and 165 respectively.

Total number of apples sold is 341.

Total number of fruits sold in the month having 30 days is 253.

Total number of guavas sold in the month of August is twice of guavas sold in the month of July and four times of mangoes sold in the month of August. Neither of them are the multiples of 3 and 5.

Total number of mangoes sold in the month of June is half that of guavas sold in the month of May77 and one-third to that of Apples sold in the month of June.

1. What is the total price of mangoes sold in the month July and August?

A. 1584   B. 1484   C. 1844   D. 1848   E. 1678

2. What is the total number of apples sold in the months having 31 days?

A. 142   B. 144   C. 244   D. 242   E. 264

3. What is the total amount earned by the seller in the month of June?

A. 2678   B. 2728   C. 2768   D. 2876   E. 2674

4. Which of the following is the correct combination?

A. July – 77   B. May - 132   C. May - 22   D. August - 44   E. None of these

5. What is the difference between the total number of apples sold during all months and the number of guavas sold in the month of June?

A. 109   B. 220   C. 120   D. 119   E. 219

Correct Answers:

1	2	3	4	5
D	D	B	E	B

Common explanation :

References :
A fruit seller sold three different fruits i.e Mango, Guava and Apple in four consecutive months of a year starting from the month of May not necessarily in the same order. Selling price of each guava, apple and mango is Rs.7, Rs 15 and Rs. 12 respectively.

Inferences :
From the above reference we can say that there are four months on which seller is selling fruits namely May, June, July and August having 31 days, 30 days, 31 days and 31 days.

Price of a guava = Rs. 7

Price of an apple= Rs. 15

Price of a mango= Rs. 12

Arrange the items in the form of a table to make the process easy to solve. Vertically in the first column we write months and horizontally the names of fruits.

Months	Guava	Mango	Apple	Total
May				
June				
July				
August				

References:
The total number of each fruits sold on each month is a multiple of 11 with no repetition of any number. The lowest number of any individual fruit sold on any month is 22 and the highest number of any individual fruit sold on any month is 143.

Inferences:
Now we get the number of each fruits sold on each months which we will have to arrange as per the further given references.

The numbers are 22, 33, 44, 55, 66, 77, 88, 99, 110, 121, 132, 143with lowest as 22 and highest as 143 and all the multiples of 11.

Months	Guava	Mango	Apple	Total
May				
June				
July				
August				

References:
Total number of mangoes sold in the month of May and July is highest among all.

Total fruits sold in the month of July and August is 286 and 165
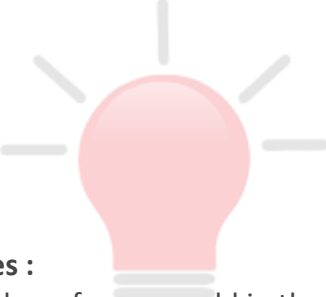
Total number of apples sold is 341.

Total number of fruits sold in the month having 30 days is 253.

Inferences:
Total number of mangoes sold in the months of May and July is highest. Now we have numbers as 22,33,44,55,66,77,88,99,110,121,132,143. Only 132 and 143 will form highest number because these two are highest numbers in the available numbers. So, as of now we will be putting both 132 and 143 on both the fields.

June is having 30 days and we put the value 253 as the total number of fruits sold in the month of June.

Total number of apples sold is 341 as mentioned, so we draw one more row at the bottom and write the information.

Months	Guava	Mango	Apple	Total
May		132/143		
June				253
July		132/143		286
August				165
Total			341	

References :
Total number of guavas sold in the month of August is twice of guavas sold in the month of July and four times of mangoes sold in the month of August. Neither of them are the multiples of 3 and 5.

Inferences :
We are having the numbers as 22,33,44,55,66,77,88,99,110,121,132,143 out of which 132 and 143 is already taken.

From the reference we have 88 which is twice of 44 and four times of 22 and also the multiples of neither 3 nor 5. Other numbers will not be applicable as if we take four times it will cross the highest number to be taken according to the question i.e 143.

So we get other three numbers which is to be placed in our table. 88 is the number of guavas sold in the month of August. 44 is the number of guavas sold in the month of July and 22 is the number of mangoes sold in the month of August.

Months	Guava	Mango	Apple	Total
May		132/143		
June				253
July	44	132/143		286
August	88	22		165
Total			341	

Now, from the above table we can calculate the number of apples sold in the month of August. i.e. 88 + 22+ X = 165

Therefore, X = 55 which is the number of apples sold in the month of August.

Hence, the table we get now is:

Months	Guava	Mango	Apple	Total
May		132/143		
June				253
July	44	132/143		286
August	88	22	55	165
Total			341	

References:
Total number of mangoes sold in the month of June is half that of guavas sold in the month of May and one-third to that of Apples sold in the month of June.

Inferences :
Now we are left with numbers 33,66,77,99,110,121

With the reference we will have to think on these numbers and apply accordingly.

The only number we can take as half is 33 which is half of 66, so put 33 as number of mangoes sold in the month of June. So its double which is 66 will be the number of guavas sold in the month of May.

If One-third is 33 then thrice will be 99, which is the number of apples sold in the month of June.

Months	Guava	Mango	Apple	Total
May	66	132/143		
June		33	99	253
July	44	132/143		286
August	88	22	55	165
Total			341	

Now, from the above table we can calculate the number of guavas sold in the month of June.

X + 33 + 99 = 253

Therefore X = 121.

If we place 121 in the table we will be able to calculate the number of guavas sold in all the months which is 121 + 66 + 44 + 88= 319

Months	Guava	Mango	Apple	Total
May	66	132/143		
June	121	33	99	253
July	44	132/143		286
August	88	22	55	165
Total	319		341	

Total number of fruits sold in the month of July is 286. We have two cases:

Case 1 :44+ 143+ X = 286 where X becomes 99 which we already have so this case is not justifiable.

Case 2 : 44 + 132+ X = 286 Where X becomes 110 which is justifiable.

77 is left so this will be the number of apples sold in the month of May.

Total number of fruits sold in the month of May is 286.

Now the total number of mangoes sold becomes 330.

So, finally we get the table as :

Months	Guava	Mango	Apple	Total
May	66	143	77	286
June	121	33	99	253
July	44	132	110	286
August	88	22	55	165
Total	319	330	341	

Explanations:

1. As per the common explanation we have

132 × 12 + 22 × 12= 1848.

Price of each mango is Rs. 12.

Hence, option D is correct.

2. As per the common explanation, we have

Total number of apples sold in the months of May, July, and August is 77 + 110+ 55= 242.

Hence, option D is correct.

3. As per the common explanation we have

121 × 7 + 33 × 12 + 99 × 15 = 2728.

Hence, option B is correct.

4. From the final table we can conclude that none of these is the answer as no options matches with the number of individual fruit sold in the months.

Hence, option E is correct.

5. With the common explanation we have

The total number of guavas sold in the month of June is 121 and total number of apples sold which is 341.

So, 341 − 121 = 220.