C. Rs.1666
D. Can't be determined

- Your Answer :
- Correct Answer : A

- **Answer Justification :**

Justification:

Let the prices of 3 mobiles be Rs.'x', Rs.'y' and Rs.'z' respectively.

Let the price of the cheapest mobile = Rs. x

The average price of the costliest mobiles = Rs. (y+z)/2

So,

(y+z)/2 = 2x

y+z = 4x ...Eq1

The total of prices of 3 mobiles = 3 × Rs.5000 = Rs.15000

i.e. x + y + z =15000 ...Eq2

On substituting Eq1 in Eq2, we get

x + 4x = 15000

5x = 15000

x = 3000

Hence, the price of the cheapest mobile = Rs.3000

21 The average of all the prime and composite numbers up to 100 is:

A. 51
B. 49.50
C. 50
D. 50.50

- Your Answer :
- Correct Answer : A

- **Answer Justification :**

Justification: