

1 LAKH + SELECTED ASPIRANTS
✓ CHOOSE **SMARTKEEDA**

NOW IT'S YOUR TURN!

2025 ACHIEVERS



REEMA MAHESHWARI
(IBPS PO 2025)



POOJA KUMARI
(IBPS PO 2025)



SHIKHAR SINGH THAKUR
(IBPS PO 2025)



PRATHAM CHOPRA
(IBPS PO 2025)



DWAIPYAN BANERJEE
(IBPS PO 2025)



UTKARSH DUBEY
(IBPS PO 2025)



AISWARYA C
(IBPS PO 2025)



ANUSHKA JHA
(IBPS PO & SBI PO 2025)



ARKAPRAVA MAJUMDAR
(IBPS PO 2025)



NIKHIL KUMAR MISHRA
(IBPS PO 2025)



SHIVAM JHA
(IBPS PO 2025)



MOHIT SHARMA
(IBPS PO 2025)

BEST OF SMARTKEEDA



Mock Tests



CA Mockdrill



Speed Drills



Topic Tests



Sectionals



Smart Video Course

USE CODE **FEST25** for 10% OFF

 **Smartkeeda**
presents



SPEED DRILLS

India's first tool to improve

SPEED & ACCURACY

in Bank Exams

Practice **40,000+** Ques in
(English | Reasoning | Quant)

Features:

- ◆ Improve Speed and Accuracy
- ◆ Unlimited no. of drills/quizzes
- ◆ Detailed Explanation
- ◆ AI Driven Analysis
- ◆ Topic Wise Questions

Useful For

RRB Clerk | RRB PO | IBPS Clerk |
IBPS PO | SBI Clerk | SBI PO

Warning: Smartkeeda possesses all copyrights on its content. This doesn't allow anyone to use its content for commercial purposes. If any infringement is found, legal action will be taken against the individual or entity. If you want to use the content for commercial purposes, kindly write to us at admin@smartkeeda.com

Average Questions for RBI Asst. Pre, IBPS Clerk Pre, IBPS RRB Office Asst. Pre and SBI Clerk Pre Exams

Average Quiz 15

Direction: Read the following questions carefully and choose the right answer.

- In a garment shop, three different types of T-shirts are available. The cost price of first type T-shirt is Rs. X. The cost price of second type T-shirt is 10% more than that of first, the cost price of third type T-shirt is 20% more than that of second. If the average cost price of all the T-shirts is Rs. 570, then find the cost price of the third type T-shirt?

A. Rs. 660 B. Rs. 550 C. Rs. 500 D. Rs. 520 E. Rs. 540
- One day, Sumit ordered Burger and Sandwich and paid an average price of Rs. 55. Next day, he ordered Burger and Coffee and paid an average price of Rs. 50. When the price of Sandwich and Coffee each is increased by 10%, he pays Rs. 99. Find the initial price (in Rs.) of Sandwich?

A. 65 B. 75 C. 55 D. 50 E. 60
- The average height of 10 persons increases by 4 cm if one of them whose height 110 cm is replaced by another person. What is the height of the new person?

A. 110 cm B. 120 cm C. 130 cm D. 150 cm E. 140 cm
- A player makes 172 runs in his i th inning, after which his average increases by 4 runs and becomes 164, find the value of i .

A. 4 B. 5 C. 6 D. 3 E. 7
- In a class average height of 12 boys is 160 cm and that of 6 girls is 155 cm. One boy of height of 162 cm and two girls of height 151 cm and 152 cm respectively left the class. Find the average height of the remaining students in that class.

A. 157 cm B. 158 cm C. 159 cm D. 161 cm E. 162 cm

6. The average marks obtained by Ankit and Sunil is 75, the average marks obtained by Bhanu and Ankit 80. If the marks obtained by Sunil is 80, then find the average marks obtained by Bhanu and Sunil?
- A. 90 B. 105 C. 95 D. 80 E. 85
7. The average of the age of John and Jack is X years. The average of the age of Jack and Sunny is 3 years more than the average age of John and Jack. If the sum of age of Sunny and John is 30 years, then find the age of Sunny?
- A. 18 years B. 21 years C. 10 years D. 15 years E. 12 years
8. The average of 6 observations was 32.5. It was noticed that two observations are wrong. One observation was wrongly taken 6 more than the original value and other observation was wrongly taken as 30 instead of 12. Find the correct average of 6 observations.
- A. 25.5 B. 28.5 C. 26.5 D. 24.5 E. 23.5
9. The average height of a group increased by 2 cm when a new person having height 168 cm joins the group. If the new average height of the group becomes 164 cm, find the number of members in the group initially.
- A. 4 B. 5 C. 6 D. 2 E. 7
10. Average of the rank of Dhruv and Sankalp is 13.5 while that of Sankalp and Ronit is 15. The average of the rank of Dhruv, Sankalp and Ronit is $\frac{47}{3}$ and the rank of Urjeet is 11 more than the rank of Sankalp. Find the average of the ranks of all four of them?
- A. 19 B. 18 C. 17 D. 25 E. 21



[Join us](#)

www.smartkeeda.com | testzone.smartkeeda.com

SBI | RBI | IBPS | RRB | SSC | NIACL | EPFO | UGC NET | LIC | Railways | CLAT | RJS



[Join us](#)

Correct Answers:

1	2	3	4	5	6	7	8	9	10
A	D	D	D	C	E	A	B	D	C

TOPIC TEST

Features:

- * 900+ Tests
- * Unlimited Retakes
- * Detailed Analysis
- * 9000+ Questions



Use Code: **Fest25**

Start your basic to advance
journey now

Smartkeeda.com



[Join us](#)

www.smartkeeda.com | testzone.smartkeeda.com

SBI | RBI | IBPS | RRB | SSC | NIACL | EPFO | UGC NET | LIC | Railways | CLAT | RIS



[Join us](#)

Explanation:

1. The cost price of the first type of T-shirt = Rs. X

ATQ,

$$\frac{\{X + X (1.1) + X (1.1) (1.2)\}}{3} = 570$$

$$X + 1.1X + 1.32X = 1710$$

$$3.42X = 1710$$

$$X = \frac{1710}{3.42}$$

$$X = 500$$

The cost price of the third T-shirt = $X (1.1) (1.2) = 500 (1.1) (1.2) = \text{Rs. } 660$

Hence, option A is correct.



SmartKeeda
Govt Exam Prep App

2. ATQ,

$$B + S = 110 \dots(i)$$

$$B + C = 100 \dots(ii)$$

Subtracting (ii) from (i), we get

$$S - C = 10 \dots(iii)$$

$$S (1.1) + C (1.1) = 99$$

$$(1.1) (S + C) = 99$$

$$S + C = \frac{99}{1.1}$$

$$S + C = 90 \dots(iv)$$

Solving (iii) and (iv)

$$2S = 100$$

$$S = \text{Rs. } 50$$

Hence, option D is correct.

- 3.** Change in average = \pm Difference between replaced value/Number of observations

$$\text{Change in average} = 4 \text{ cm}$$

$$\text{Number of observations} = 10$$

$$4 = \frac{\text{difference}}{10}$$

$$\text{Difference} = 40$$

$$\text{Height of the new person} = 110 + 40 = 150 \text{ cm}$$

Hence, option D is correct.

- 4.** Average increased by 4, so initial average would have been 160.

Let us suppose he made 160 runs in all the innings and in the i^{th} inning also.

$$\text{So, runs left} = 172 - 160 = 12$$

Since the average becomes 164, 4 runs must be included in all the innings,

When we distribute 12, such that each inning gets 4 runs,

$$\text{So, number of innings} = \frac{12}{4} = 3$$

Hence, option D is correct.

5. Sum of height of 12 boys = $160 \times 12 = 1920$

Sum of height of 6 girls = $155 \times 6 = 930$

Height of students who left = $151 + 152 + 162 = 465$ cm

Remaining Students = $12 + 6 - 3 = 15$

Reqd. average = $\frac{1920 + 930 - 465}{15} = \frac{2385}{15} = 159$

Hence, option C is correct.

6. ATQ,

$A + S = 150$

$B + A = 160$

$B - S = 10$

$S = 80$

$B - 80 = 10$

$B = 90$

Average = $\frac{90 + 80}{2} = 85$

Hence, option E is correct.

7. Let the age of John, Jack and Sunny be Jo, Ja and S respectively.

$Jo + Ja = 2X \dots(i)$

$\frac{(Ja + S)}{2} = X + 3$

$Ja + S = 2X + 6 \dots(ii)$



SmartKeeda
Govt Exam Prep App

From (i) and (ii), we get

$$S - J_0 = 6$$

$$S + J_0 = 30$$

$$2S = 36$$

$$S = 18 \text{ years}$$

Hence, option A is correct.

8. First observation was 6 more, the second observation is $30 - 12 = 18$ more

$$\text{Extra addition was} = 6 + 18 = 24$$

Original average

$$= 32.5 - \frac{24}{6} = 32.5 - 4 = 28.5$$

Hence, option B is correct.

9. Let a be the number of members in the group initially,

When 1 person is added, number = $a + 1$

Sum of height becomes = $(a + 1) \times 164$

Initially the average must be 162, because it became 164 after an increase of 2 cm.

So,

$$(a + 1) \times 164 = a \times 162 + 168$$

$$164a + 164 = 162a + 168$$

$$2a = 4$$

$$a = 2$$

Number of members initially = 2

Hence, option D is correct.

10. Let us denote the rank of Dhruv, Sankalp, Ronit and Urjeet by D, S, R and U respectively.

$$D + S = 27$$

$$S + R = 30$$

$$D + 2S + R = 57$$

$$D + S + R = 47$$

$$S = 10$$

$$U = 21$$

$$D = 17$$

$$R = 20$$

$$\text{Reqd. average} = \frac{10 + 21 + 17 + 20}{4} = 17$$

Hence, option C is correct.



[Join us](#)

www.smartkeeda.com | testzone.smartkeeda.com

SBI | RBI | IBPS | RRB | SSC | NIACL | EPFO | UGC NET | LIC | Railways | CLAT | RIS



[Join us](#)

CA MOCKDRILL PRO

भूलना मना है!

Pro Features

- NEWS IN THE FORM OF FLASHCARDS
- CHAPTER-WISE SEGREGATION OF NEWS ON A MONTHLY BASIS
- SMART 350 NEWS ON A MONTHLY BASIS
- QUESTIONS BASED ON EACH & EVERY CRUCIAL INFO GIVEN IN NEWS
- DIGITAL, FINANCIAL AWARENESS & RBI CIRCULARS
- INCORRECT ANSWERS REAPPEAR UNTIL YOU GET THEM RIGHT
- AI-POWERED WEEKLY & MONTHLY REVISIONS
- BILINGUAL (ENG + HINDI)

 **POWER-UP
YOUR CA**



Smartkeeda

Govt Exam Prep App

Presents

Testzone

India's Leading Test Series Platform

All Banks Exams

2025-26

12 Months Plan

@Just

Rs. **539**

To get 10% Off use code **FEST25**

- ✓ Brilliant Test Analysis
- ✓ Excellent Content
- ✓ Unmatched Explanation

Buy Now

