

Duration: 2 Hours

# RECRUITMENT TEST-2021

Total Marks: 50+50 = 100

## PART-I: Multiple Choice Questions

(Use the OMR Sheet Supplied to Answer Questions: 1-50)

(For every wrong answer 0.25 marks will be deducted)

Duration: 45 Minutes

Marks: 50

### Bangla (Marks-10)

- ‘শরপোড়া’ শব্দটির কি দোষ দেখা যায়?  
A. গুরুত্বালী B. দুর্বোধ্যতা  
C. উপমার প্রয়োগে ভুল D. আকাঙ্ক্ষার প্রয়োগে ভুল
- ‘দুঃখকে প্রাপ্ত’ এটি কোন সমাস?  
A. দ্বিগ B. বহুব্রীহি C. তৎপুরুষ D. কর্মধারয়
- ‘সূর্য’-এর প্রতিশব্দ  
A. আদিত্য B. সুধাংশু C. শশাঙ্ক D. বিধু
- কৃষক হলেও তার আছে রাশি রাশি ধন - বাক্যে ‘রাশি রাশি’ কি অর্থে ব্যবহৃত হয়েছে?  
A. সামান্য B. গভীরতা C. আধিক্য D. তীব্রতা
- ‘স্বাধীনতা’ শব্দের সঠিক সন্ধি বিচ্ছেদ কোনটি?  
A. সু+অধীনতা B. স+অধীনতা  
C. শ+অধীনতা D. স্ব+অধীনতা
- এক কথায় প্রকাশ করুন: জয়ের জন্য যে উৎসব  
A. বিজয়জয়ন্তী B. জয়ন্তী C. বিজয় উৎসব D. জয়ান্তী
- ‘ছন্দের যাদুকর’ কে ছিলেন?  
A. কাজী নজরুল ইসলাম B. রবীন্দ্রনাথ ঠাকুর  
C. দ্বিজেন্দ্রলাল রায় D. সত্যেন্দ্রনাথ দত্ত
- কোনটি শুদ্ধ বানান?  
A. নিসৃতী B. নিসুতি C. নিহুতী D. নিয়ুতি
- যাঁটি বাংলা উপসর্গ যোগে সৃষ্ট পদ কোনটি?  
A. আঁকড়া B. অবেলা C. অপমান D. অতিশয়
- ভাষা আন্দোলনের ফলে কোন প্রতিষ্ঠান সৃষ্টি হয়েছিল?  
A. ঢাকা বিশ্ববিদ্যালয় B. বাংলা একাডেমী  
C. এশিয়াটিক সোসাইটি D. নজরুল ইনস্টিটিউট

### English (Marks-15)

Fill in the blanks (Questions 11 - 15):

- Books are a great source \_\_\_\_\_ happiness.  
A. of B. for C. on D. with
- In the test, we will \_\_\_\_\_ your work and then give you detailed feedback.  
A. assess B. judge C. measure D. check
- What is the cause \_\_\_\_\_ the problem?  
A. of B. on C. about D. in
- If he is not interested, we will \_\_\_\_\_ the proposal.  
A. vacant B. abandon C. impulse D. remove
- Both parties must adhere \_\_\_\_\_ the terms of the contract.  
A. in B. by C. on D. to

Find the correctly spelt word (Questions 16 - 17):

- A. Bureacracy B. Bereaucracy  
C. Buercacracy D. Bureaucracy
- A. Deference B. Defferance  
C. Defference D. Defference
- The synonyms of Catastrophe is  
A. Built B. Implement C. Destruction D. Fresh

19. The idiom “Tie the knot” means?

- A. Getting married B. Criticism  
C. Enmity D. Wear a tie

20. Passive Voice of “I saw him leaving the house” is

- A. Leaving the house he was seen by me.  
B. He was seen to be leaving the house.  
C. He was seen leaving the house by me.  
D. He had been seen leaving the house.

21. Antonym of “Foe” is

- A. Friend B. Enemy C. Classmate D. Future

22. The phrase “De jure” means?

- A. Successful B. By law C. Illegal D. Fugitive

23. Antonym of ENORMOUS is

- A. Fragile B. Weak C. Tiny D. Soft

24. Passive voice of “None likes him” is

- A. He is not liked by anyone.  
B. He was not liked by anyone.  
C. He has not been liked by anyone.  
D. He is liked by none.

25. It was a bungled effort to restore order. ‘Bungled’ here means

- A. United B. Unsuccessful  
C. Unprecedented D. Fatal

### Mathematics (Marks-15)

- 40 is subtracted from 60% of a number, the result is 50. Find the number?  
A. 110 B. 130 C. 140 D. 150
- The cost price of a product is 64% of the marked price. How much is the gain in percent if the product is sold allowing a discount of 12%.  
A. 37.5% B. 38.5% C. 42.5% D. 27.5%
- In a 300 m race A beats B by 22.5 m or 6 seconds. B’s time over the course is:  
A. 86 sec B. 80 sec C. 76 sec D. 99 sec
- Three years back, a father was 24 years older than his son. At present the father is 5 times as old as the son. How old will the son be three years from now?  
A. 12 years B. 27 years C. 3 years D. 9 years
- A committee has 5 men and 6 women. What are the number of ways of selecting a group of eight persons?  
A. 165 B. 185 C. 205 D. 225
- A and B started a business investing Tk. 22,500 and Tk. 35,000 respectively. Out of a total profit of Tk. 13,800, B’s share is:  
A. 5400 B. 7200 C. 8400 D. 9600
- P and Q can complete a work in 15 days and 10 days respectively. They started the work together and then Q left after 2 days. P alone completed the remaining work. Total days to finish the work was: [www.prebd.com](http://www.prebd.com)  
A. 12 days B. 15 days C. 22 days D. 20 days
- Find the area of a rhombus whose side is 25 cm and one of the diagonals is 30 cm?  
A. 225 sq.cm B. 360 sq.cm C. 600 sq.cm D. 480 sq.cm
- In a training camp, 18 men can eat 20 kg of rice in 3 days. How long will 6 men take to eat 40 kg of rice?  
A. 20 B. 18 C. 32 D. 20
- The sum of two numbers is 25 and their difference is 13. Find their product:  
A. 104 B. 114 C. 315 D. 325
- A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?  
A. 80 Sec B. 89 Sec C. 90 Sec D. 95 Sec
- Out of 10 persons working on a project, 4 are graduates. If 3 are selected, what is the probability that there is at least one graduate among them?  
A. 1/6 B. 5/8 C. 3/8 D. 5/6
- A cistern can be filled by a tap in 4 hours while it can be emptied by another tap in 9 hours. If both the taps are opened simultaneously, then after how much time will the cistern get filled?  
A. 4.5 hrs B. 5 hrs C. 6.5 hrs D. 7.2 hrs
- 85% of a number is added to 24, the result is the same number. Find the number?  
A. 150 B. 140 C. 130 D. 160

(অপর পৃষ্ঠায় বাকি প্রশ্ন দেখুন)



40. The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weight of all the boys in the class.  
A. 47.55 kg B. 48 kg C. 48.55 kg D. 49.25 kg

### General Knowledge (Marks-10)

41. Sulaik Bond was introduced in Bangladesh on  
A. January 13, 2021 B. November 30, 2020  
C. February 10, 2021 D. December 30, 2020
42. University of Dhaka was founded in  
A. 1902 B. 1907 C. 1919 D. 1921
43. Where is the pyramid of Giza situated?  
A. Egypt B. Sudan C. France D. Turkey
44. What type of stock market is Dhaka Stock Exchange?  
A. Brokerage Market B. Dealers Market  
C. Direct Exchange Market D. Virtual Market
45. What percentage of Dhaka Stock Exchange shares were sold to two Chinese stock exchanges?  
A. 10% B. 25% C. 30% D. 33%
46. Which country has Cricket as its national sport?  
A. South Africa B. India  
C. Sri Lanka D. Jamaica
47. Twenty Taka notes bear the signature of  
A. President B. Governor, Bangladesh Bank  
C. Finance Minister D. Secretary, Ministry of Finance
48. Most World Wide Web pages contain commands in the language of  
A. NIH B. HTML C. URL D. IRC
49. Which one of the following is not a computer language?  
A. PASCAL B. UNIX  
C. FORTRAN D. COBOL
50. Who is the promoter of Chinese 'One Belt One Road' initiative?  
A. Xi Jinping B. Chiang Kaisak  
C. Shinzo Abe D. Mao Shetung

### PART-II: Writing Ability Test

(Use the Written Answer Script Supplied to Answer Questions: 51-55)

Duration: 75 minutes

Marks: 50

51. You eat at your office cafeteria every lunchtime. However, you think it needs some improvements. Write a letter to the cafeteria authority regarding this. In your letter, (10)  
 • explain what you like about the cafeteria  
 • say what is wrong with it [www.prebd.com](http://www.prebd.com)  
 • suggest how it could be improved
52. Translate the following paragraph into English:

ইসলামি ব্যাংকিং আল-কুরআন এর বিবিধাঙ্গ অনুসরণ করে পরিচালিত একটি ব্যাংকিং ব্যবস্থা যাতে সুদের বিনিময়ে ধার ও ঋণের লেনদেন নিষিদ্ধ। ইসলামী ব্যাংকিং ব্যবস্থার লক্ষ্য হচ্ছে সুদ নির্মূলকরণ এবং অর্থনৈতিক যৌক্তিকতা, ন্যায়বিচার, নক্ষতা, স্থিতিশীলতা ও প্রবৃদ্ধির নীতি প্রতিষ্ঠা। ইসলামী ব্যাংকিং ব্যবস্থায় উদ্যোক্তা এবং পুঁজিহীনালিকের মধ্যে শিল্প অথবা মানবিক কৃতি সমানভাবে বণ্টন এবং বিনিয়োগ থেকে অর্জিত মুনাফা থেকে প্রাপ্ত অর্থ বিনিয়োগকারীদের মধ্যে আনুশঙ্গিক মূলধনের ভিত্তিতে ভাগ করার কথা বলা হয়েছে। ইসলামী ব্যাংকিং সবচেয়ে উৎপাদনশীল ও লাভজনক প্রকারে বিনিয়োগ করে। (10)

53. Translate the following paragraph into Bangla:

High streets around the world are changing rapidly. The Corona virus pandemic has led to a great many store closures and seen more and more businesses shift online in our major export markets. These changes look like they will be permanent, as it is simply more profitable for brands to avoid the costly outlay of paying rent on physical stores. In fact, in future, there is talk that major brands may have just a few "flagship" stores as a showcase for their products with the rest of their business going online. (10)

54. 'সুদ' ও 'মারফি' শব্দ উল্লিখিত প্যারাগ্রাফে ব্যাংকিং পরিভাষায় ২৫০ শব্দে একটি প্রবন্ধ লিখুন। (10)

55. Solve the following problems: (2×5=10)
- A. Katrina has a wheat business. She purchases wheat from a local wholesaler at a particular cost per pound. The price of the wheat at her stores is \$3 per pound. Her faulty spring balance reads 0.9 pounds for a pound. Also, in the festival season, she gives a 10% discount on the wheat. She found that she made neither a profit nor a loss in the festival season. At what price did Katrina purchase the wheat from the wholesaler?
- B. John is 20 years older than Steve. In 10 years, Steve's age will be half that of John's. What is Steve's age?



# Global Islami Bank (GIB)

প্রবেশনারি অফিসার পদের নিয়োগ পরীক্ষা -২০২১

পরীক্ষার তারিখ: ২০.০২.২০২১

Exam Taker :- FBS

## ১. "শবপোড়া" শব্দটির কি দোষ দেখা যায়?

- ক. গুরুচড়ালী                      খ. দুর্বোধ্যতা  
গ. উপমার প্রয়োগে ভুল              ঘ. আকাঙ্ক্ষার প্রয়োগে ভুল  
উত্তর : ক. গুরুচড়ালী (অভিযাত্রী পৃষ্ঠা - ২০৪)

## ২. "দুঃখকে প্রাপ্ত" এটি কোন সমাস?

- ক. দ্বিগু                      খ. বহুব্রীহি  
গ. তৎপুরুষ                      ঘ. কর্মধারয়  
উত্তর : গ. তৎপুরুষ (অভিযাত্রী পৃষ্ঠা - ১১৯)

## ৩. "সূর্য" এর প্রতিশব্দ-

- ক. আদিত্য                      খ. সুধাংশু  
গ. শশাঙ্ক                      ঘ. বিধু  
উত্তর : ক. আদিত্য (ATM পৃষ্ঠা - ২২৯)

## ৪. "কৃষক হলেও তার আছে রাশি রাশি ধন" - বাক্যে "রাশি রাশি" কি অর্থে ব্যবহৃত হয়েছে?

- ক. সামান্য                      খ. গভীরতা  
গ. আধিক্য                      ঘ. তীব্রতা  
উত্তর : গ. আধিক্য (অভিযাত্রী পৃষ্ঠা - ৮৫)

## ৫. "স্বাধীনতা" শব্দের সঠিক সন্ধি বিচ্ছেদ কোনটি?

- ক. সু+ অধীনতা                      খ. স+অধীনতা  
গ. শ+ অধীনতা                      ঘ. স্ব+ অধীনতা  
উত্তর : ঘ. স্ব+ অধীনতা www.prebd.com

## ৬. এক কথায় প্রকাশ করুন:

- জয়ের জন্য যে উৎসব  
ক. বিজয় জয়ন্তী                      খ. জয়ন্তী  
গ. বিজয় উৎসব                      ঘ. জায়ন্তী  
উত্তর : খ. জয়ন্তী (ATM পৃষ্ঠা - ২৪৩)

## ৭. "ছন্দের জাদুকর" কে ছিলেন?

- ক. কাজী নজরুল ইসলাম                      খ. রবীন্দ্রনাথ ঠাকুর  
গ. দ্বিজেন্দ্রলাল রায়                      ঘ. সত্যেন্দ্রনাথ দত্ত  
উত্তর : ঘ. সত্যেন্দ্রনাথ দত্ত (অভিযাত্রী পৃষ্ঠা - ৩৯২)

## ৮. কোনটি শুদ্ধ বানান?

- ক. নিসুতী                      খ. নিসুতি  
গ. নিষুতী                      ঘ. নিষুতি  
উত্তর : ঘ. নিষুতি

## ৯. খাঁটি বাংলা উপসর্গ যোগে গঠিত শব্দ কোনটি?

- ক. আঁকড়া                      খ. অবেলা  
গ. অপমান                      ঘ. অতিশয়  
উত্তর : ক. আঁকড়া (অভিযাত্রী পৃষ্ঠা - ৯৮)

## ১০. ভাষা আন্দোলনের ফলে কোন প্রতিষ্ঠানের সৃষ্টি হয়েছিল?

- ক. ঢাকা বিশ্ববিদ্যালয়                      খ. বাংলা একাডেমি  
গ. এশিয়াটিক সোসাইটি                      ঘ. নজরুল ইন্সটিটিউট  
উত্তর : খ. বাংলা একাডেমি (অভিযাত্রী পৃষ্ঠা - ৩৯৬)

উপরের উত্তরগুলো **অভিযাত্রী ও ATM** (এক টানা মুখস্থ) অক্টোবর সংস্করণ থেকে সংগৃহীত। সামনে ৪১তম ও ৪২তম বিসিএস প্রতি পরীক্ষার প্রশ্নগুলো নিয়মিত নজরে রাখবেন। নিয়মিত পড়া-শোনার কোন বিকল্প নেই। এখন পড়ালেখা অবহেলা করলে এক সময় পড়ালেখাই আপনাকে অবহেলা করবে। সময়কে মূল্যায়ন করুন, আপনি যথাসময়ে মূল্যায়িত হবেন।



**Global Islami Bank Ltd**

Probationary Officer - 2021

Question Solution

1) If 40 is subtracted from 60% of a number, the result is 50. Find the number.

- a) 110
- b) 130
- c) 140
- d) 150**

**Solution:**

Let, the number is x

ATQ,

$$60\% \times x - 40 = 50$$

$$\text{Or, } 60x - 40 = 50$$

$$\text{Or, } 60x - 4000 = 5000$$

$$\text{Or, } 60x = 9000$$

$$\text{Or, } x = 150$$

2) The cost price of an article is 64% of the marked price. The gain percentage after allowing a discount of 12% on the marked price is [www.prebd.com](http://www.prebd.com)

- a) 37.5%**
- b) 38.5%
- c) 42.5%
- d) 27.5%

**Solution:**

Marked Price = tk100

Cost Price = tk 64

Discounted price = tk 88

$$\text{Gain\%} = \frac{88-64}{64} \times 100\% = 37.5\%$$

3) In a 300 m race, A beats B by 22.5 m or 6 seconds. B's time over the course is:

- a) 86 sec
- b) 80 sec**
- c) 76 sec
- d) 99 sec

**Solution:**

B runs 22.5 m in 6 seconds

$$\text{So, B runs 300 m in } \frac{6 \times 300}{22.5} = 80 \text{ seconds}$$

B's time over the course = 80 seconds

4) Three years back, a father was 24 years older than his son. At present the father is 5 times as old as the son. How old will the son be three years from now?

- a) 12 years
- b) 6 years
- c) 3 years
- d) 9 years**

**Solution:**

Let, before 3 years son's age was = x years

Present age of son's = x+3 years

ATQ

$$x+24+3=5(x+3)$$

$$\text{Or, } x=3$$

$$\text{Son's Age} = 3+3+3=9$$

5) A committee has 5 men and 6 women. What is the number of ways of selecting a group of 8 members?

- a) 165**
- b) 185
- c) 205
- d) 225

**Solution:**

$$\text{Members} = 6+5 = 11$$

$${}^{11}C_8 = \frac{11!}{8!(11-8)!} = \frac{11 \times 10 \times 9 \times 8!}{8!(11-8)!} = \frac{990}{3!} = \frac{990}{6} = 165$$

6) A and B started a business by investing Rs. 2400 and Rs. 3600 respectively. At the end 4th months from the start of the business, C joined with Rs. X. After 8 months from the start of the business, B withdrew Rs. 600. If C's share is Rs. 8000 in the annual profit of Rs. 22500, what was the amount C invested in the business? [www.prebd.com](http://www.prebd.com)

- a) Rs. 7200
- b) Rs. 5800
- c) Rs. 4000
- d) Rs. 4800**

**Solution:**

A invests Rs. 2400 for 12 months

B invests Rs. 3600 for 8 months

And Rs. 3000 for 4 months

C invests Rs. x for 8 months

$$\text{Ratio of profit of A, B and C} = 2400 \times 12 : \{(3600 \times 8) + (3000 \times 4)\} : x \times 8$$

$$\text{Or, } 28800 : 40800 : 8x = 3600 : 5100 : x$$



Given, profit of C = Rs. 8000 and total profit of A, B and C = Rs. 22500

ATQ

$$\frac{x}{3600+5100+8x} \times 22500 = 8000$$

$$\text{Or, } 22500x = 69600000 + 8000x$$

$$\text{Or, } 14500x = 69600000$$

$$\text{Or, } x = \text{Rs. } 4800$$

7) P and Q can complete a work in 15 days and 10 days respectively. They started the work together and then Q left after 2 days. P alone completed the remaining work. The work was finished in --- days.

- a) 16
- b) 24
- c) 20
- d) 12**

**Solution:**

$$\text{Work done by P in 1 day} = \frac{1}{15}$$

$$\text{Work done by Q in 1 day} = \frac{1}{10}$$

$$\text{Work done by P and Q in 1 day} = \frac{1}{15} + \frac{1}{10} = \frac{1}{6}$$

$$\text{Work done by P and Q in 2 days} = 2 \times \frac{1}{6} = \frac{1}{3}$$

$$\text{Remaining work} = 1 - \frac{1}{3} = \frac{2}{3}$$

$$\text{Time taken by P to complete the remaining work} = \frac{\frac{2}{3}}{\frac{1}{15}} = \frac{2}{3} \times 15 = 10 \text{ days}$$

$$\text{Total time taken} = 2 + 10 = 12 \text{ days}$$

**Another way**

$$\text{Time, P: Q} = 15: 10 = 3: 2$$

$$\text{Efficiency, P: Q} = 2: 3$$

$$\text{So, Total work} = 15 \times 2 \text{ or } 10 \times 3 = 30 \text{ units}$$

$$\text{Now, } (2 + 3) \times 2 + 2 \times D = 30$$

$$\Rightarrow 2D = 20$$

$$\Rightarrow D = 10$$

$$\text{So, the work is finished in } (2+10) = 12 \text{ days}$$

8) Find the area of a rhombus whose side is 25 cm and one of the diagonals is 30 cm?

- a) 225 sq m
- b) 360 sq m
- c) 600 sq m**
- d) 480 sq m

**Solution:**

$$\text{Half diagonal, } \frac{d_1}{2} = \frac{30}{2} = 15$$

One side = 25

$$\text{Half of another diagonal} = \frac{d_2}{2} = x$$

With Pythagorean Theorem

$$25^2 = 15^2 + x^2$$

Or,  $x = 20$

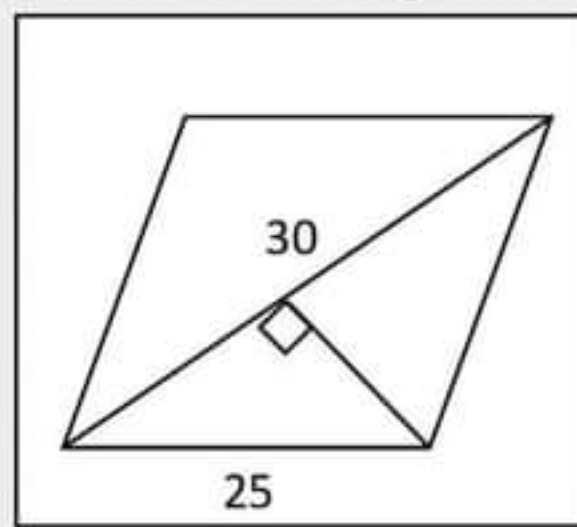
Another diagonal =  $20 \times 2 = 40$

$$\text{Therefore, the area of a rhombus} = \frac{1}{2} \times d_1 \times d_2 = \frac{1}{2} \times 30 \times 40 = 600 \text{ sq m}$$

**Another way**

Pythagorean triplet = 3:4:5 = 15: 20:25

$$\text{Therefore, the area of a rhombus} = \frac{1}{2} \times d_1 \times d_2 = \frac{1}{2} \times 30 \times 40 = 600 \text{ sq m}$$



9) In a training camp, 18 men can eat 20 kg rice in 3 days, how long will 6 men take to eat 40 kg rice? [www.prebd.com](http://www.prebd.com)

- a) 20
- b) 18**
- c) 32
- d) 30

**Solution:**

$$18 \times 20 \times 3 = x \times 6 \times 40$$

Or,  $x = 18$

10) The sum of two numbers is 25 and their difference is 13. Find their product.

- a) 104
- b) 114**
- c) 315
- d) 325

**Solution:**

Let the numbers become  $x$  and  $y$  ( $x, y$ )

Here,

$$x + y = 25 \text{ ----- (1)}$$

$$x - y = 13 \text{ ----- (2)}$$



$$(1) + (2)$$

$$2y = 38$$

$$\text{Or, } y = 19$$

$$\text{Now, } x = 25 - 19 = 6$$

$$\text{Product} = xy = 19 \times 6 = 114$$

**11) A train 240 m long passes a pole in 24 seconds. How long will it take to pass a platform 650 m long?**

- a) 80 sec
- b) 80 sec
- c) 76 sec
- d) 89 sec**

**Solution:**

$$\text{Speed of the train} = \frac{240}{24} = 10 \text{ ms}^{-1}$$

$$\text{Time request to cover 650 m platform} = \frac{(240+650)}{10} = 89 \text{ s}$$

**12) Out of 10 persons working on a project, 4 are graduates. If 3 are selected, what is the probability that there is at least one graduate among them?**

- a) 1/6
- b) 5/8
- c) 2/8
- d) 5/6**

**Solution:**

Total persons = 10

Graduate = 4

Non graduate = 6

$$\text{Probability (at least one graduate)} = 1 - \text{non graduate} = 1 - \frac{{}^6C_3}{{}^{10}C_3} = 1 - \frac{6 \times 5 \times 4}{10 \times 9 \times 8} = 1 - \frac{2}{12} = \frac{5}{6}$$

**13) A cistern can be filled by a tap in 4 hours while it can be emptied by another tap in 9 hours. If both the taps are opened simultaneously then after how much time will the cistern get filled?**

- a) 4.5 hrs
- b) 5 hrs
- c) 6.5 hrs
- d) 7.2 hrs**

**Solution:**

$$\frac{1}{4} - \frac{1}{9} = \frac{5}{36}$$

$$\text{Time} = \frac{36}{5} = 7.2 \text{ hrs}$$



14) 85 % of a number is added to 24, the result is the same number

- a) 150
- b) 140
- c) 130
- d) 160**

**Solution:**

Let, the number is x

ATQ,

$$85\% \times x - 24 = x$$

$$\text{Or, } 15\% \times x = 24$$

$$\text{Or, } x = 160$$

15) The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weights of all the boys in the class.

- a. 47.55 kg.
- b. 48 kg.
- c. 48.55 kg.**
- d. 49.25 kg.

**Solution:**

$$\frac{16 \times 50 + 8 \times 45}{16 + 8} = \frac{800 + 360}{24} = 48.55$$