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# Coding Decoding Questions for Bank Exams(IBPSPO, SBIPO & RBI grade B)

## Coding Decoding Quiz 23

Directions: Read the below given information carefully and answer the question given beside:

**1.**

@ means either hour hand or minute hand is at 2

+ means either hour hand or minute hand is at 5

? means either hour hand or minute hand is at 3

< means either hour hand or minute hand is at 4

> means either hour hand or minute hand is at 12

~ means either hour hand or minute hand is at 8

Note: If two symbols are given in then by default first symbol is consider as an hour hand and second one is consider as minute hand. And all time are consider at PM. e.g. <~ = 4:40 PM.

**A train D which travels at the uniform speed of 10 m a second leaves Agra for Lucknow at @< and train F travels to Agra from Lucknow and started the journey at @~. The train F travels one-third faster than train D. So, at what time both the train meet each other if the distance between Agra and Lucknow is 138 km?**

A. <~     B. +<     C. <@     D. +?     E. Data inadequate


**2.**

@ means either hour hand or minute hand is at 2

+ means either hour hand or minute hand is at 5

? means either hour hand or minute hand is at 3

< means either hour hand or minute hand is at 4

> means either hour hand or minute hand is at 12

~ means either hour hand or minute hand is at 8

Note: If two symbols are given in then by default first symbol is consider as an hour hand and second one is consider as minute hand. And all time are consider at PM. e.g. <~ = 4:40 PM.

**If a train departed from a Delhi station at >? and it takes 150 minutes to reach the destination then at what time Naman should reach the destination if he wants to reach there before 5 minutes of train's reaching time?**

A. ~@    B. @+    C. @~    D. ?@    E. None of the above

**3.**

@ means either minutes or seconds are 13

^ means either minutes or seconds are 32

& means either minutes or seconds are 35

$ means either minutes or seconds are 48

> means either minutes or seconds are 27

# means either minutes or seconds are 55

% means either minutes or seconds are 40

Note: if two symbols are given than by default first symbol is considered as minute and the other is considered as second

For example,

@> means 13 minutes and 27 seconds

**In an examination hall the maximum exam time was # minutes and a student X completed his exam in exactly $% and the student R who finished first took &@ so, what was the absolute difference between the time of X and R?**

A. @>    B. >@    C. >^    D. ^>    E. Can't be determined

**4.**

@ means either minutes or seconds are 13

^ means either minutes or seconds are 32

& means either minutes or seconds are 35

$ means either minutes or seconds are 48

> means either minutes or seconds are 27

# means either minutes or seconds are 55

% means either minutes or seconds are 40

Note: if two symbols are given than by default first symbol is considered as minute and the other is considered as second

For example,

@> means 13 minutes and 27 seconds

**A person usually takes %> to reach office but one he got late to his office by @&. Then, how much time it took the person to reach the office that day?**

A. #@     B. @#     C. $#     D. #$      E. Can't be determined


5.

@ means either minutes or seconds are 13

^ means either minutes or seconds are 32

& means either minutes or seconds are 35

$ means either minutes or seconds are 48

> means either minutes or seconds are 27

# means either minutes or seconds are 55

% means either minutes or seconds are 40

Note: if two symbols are given than by default first symbol is considered as minute and the other is considered as second

For example,

@> means 13 minutes and 27 seconds

**There were three contestants participating in a race. The one who was at second position finished the race in &# and he took @^ less than the one who finished third. Then how much time was taken by the one who finished third?**

A. #%     B. %#     C. $>     D. >$      E. Can't be determined

**Correct Answers:**

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| C | C | A | E | E |

# Explanations:

**1.**

As given in the question, train D leaves Agra on @< i.e. 2:20 and train F leaves Lucknow on ?~ i.e. 2:40 PM.

So, speed of train D = 10 × 18/5 = 36 km/hr

As the speed of train F is one-third faster than train D, the speed of train F = 36 + (1/3 of 36) = 48 km/hr.

Now, difference between time = 2:20 PM – 2:40 PM = 20 minutes i.e. 1/3 hour.

So at 2:40 PM, train D already covered 36/3 = 12 km.

Thus, the distance between train D and train F is 126 (138 – 12) km now.

Let's assume the trains meet after x hours from 2:40 PM.

36x + 48x = 126 (138 – 12) = 126

Therfore, x = 1.5 hours

Thus, at the time when both the trains meet each other = 2: 40 PM + 90 minutes = 4:10 PM.

As per the question, we can code 4:10 PM as <@.

Hence, the correct answer is option (C).

**2.**

Since the train is departed from the Delhi station at >? i.e. 12:15 PM and it takes 150 minutes to reach the destination, it means the train will reach at destination on 2:45 PM.

As Naman have to reach the destination before 5 minutes, the reaching time for Naman would be 2:40 PM i.e. @~.

Hence, the correct answer is option C.

**3.**

Student X took $% i.e. 48 minutes 40 seconds

Student R took && i.e. 35 minutes 13 seconds

Here, the difference between X and R is 13 minutes 27 seconds i.e. @>

Hence, the correct answer is option A.

**4.**

Time taken by the person to reach the office %> i.e. 40 minutes 27 seconds

But he took @& 13 minutes 35 seconds more on that day.

Therefore, total time taken by the person to reach on that particular day is 54 minutes and 2 seconds.

But, we cannot code 54 and 2 according to the given codes.
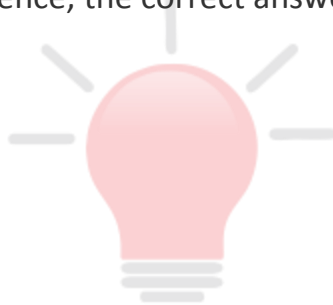
Hence, the correct answer is option E.


**5.**

The one who finished second took &# i.e. 35 minutes 55 seconds

And he took @^ i.e. 13 minutes and 32 seconds less than the one who finished third.

Therefore, the one who finished third took = 35.55 + 13.32 = 48.87 or 49.27.

Therefore, the one who finished third took 49 minutes and 27 seconds, which can't be coded as per the given information.

Hence, the correct answer is option E.