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## Puzzle Test Questions for IBPS PO PRE, SBI PO PRE, SBI CLERK MAINS \& IBPS CLERK MAINS

## Set No 39

Direction: Read the given information carefully and answer the questions given beside:
Six exams viz. Maths, Science, History, Economics, English and Hindi are to be scheduled starting from $2^{\text {nd }}$ March and ending on $8^{\text {th }}$ March with Sunday being an off day, not necessarily in the same order. Each of the exams has different time duration: 40 minutes, 50 minutes, 60 minutes, 75 minutes, 90 minutes and 100 minutes, again not necessarily in the same order.

8th march is not Sunday and an exam of 40 minutes is scheduled on that date. Maths exam is for less than 60 minutes and is scheduled immediately before English exam. There are two exams scheduled between Hindi exam which is for 100 minutes and History exam which is for 60 minutes. English exam is before Sunday and there are two days between Sunday and Maths exam. Economics exam which is for 75 minutes is not scheduled on $2^{\text {nd }}$ march. The exam scheduled on Saturday is of 100 minutes.

1. How many exams are scheduled before Saturday?
A. Two
B. One
C. Five
D. Three
$E$. None of these
2. Which of the following combinations of Exam - Day - Time Duration is correct?
A. English - Wednesday - 75 minutes
B. Maths - Thursday - 50 minutes
C. History - Thursday - 60 minutes
D. Hindi - Tuesday - 100 minutes
E. None of these
3. What is the time duration of English exam?
A. 90 minutes
B. 75 minutes
C. 50 minutes
D. 40 minutes
E. None of these

## 4. On which day is History exam scheduled?

A. Monday
B. Saturday
C. Tuesday
D. Friday
E. None of these

## 5. On which date is Sunday?

A. $3^{\text {rd }}$ march
B. $2^{\text {nd }}$ march
C. $5^{\text {th }}$ march
D. $6^{\text {th }}$ march
E. None of these

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ |
| :--- | :--- | :--- | :--- | :--- |
| D | B | A | E | D |

## Common explanation:

## Reference:

The exam schedule on Saturday is of 100 minutes.
There are two exams scheduled between Hindi exam which is for 100 minutes and History exam which is for 60 minutes.

## Inference:

Using the above mentioned hints, we have drawn a table shown below.

| Day | Exam | Time |
| :---: | :---: | :---: |
| Wednesday | History | 60 min |
| Thursday |  |  |
| Friday |  |  |
| Saturday | Hindi | 100 min |

## Reference:

Maths exam is for less than 60 minutes and is scheduled immediately before English exam. English exam is before Sunday and there are two days between Sunday and Maths exam.

## Inference:

After using the above hints our table looks like this.

| Day | Exam | Time |
| :---: | :---: | :---: |
| Wednesday | History | 60 min |
| Thursday | Maths | $50 / 40$ <br> min |
| Friday | English |  |
| Saturday | Hindi | 100 min |
| Sunday | No exam |  |

## Reference:

$8^{\text {th }}$ march is not Sunday and an exam of 40 minutes is scheduled on that date.

## Inference:

Clearly, Maths exam is for 50 minutes as per the hints used in previous reference it is clear that it is held on Thursday.
Now, two possible cases arise regarding the day on 8th march.

Case 2:

| Date | Day | Exam | Time |
| :---: | :---: | :---: | :---: |
| 2 | Wednesday | History | 60 min |
| 3 | Thursday | Maths | 50 min |
| 4 | Friday | English |  |
| 5 | Saturday | Hindi | 100 min |
| 6 | Sunday | No exam |  |
| 7 | Monday |  |  |
| 8 | Tuesday |  | 40 min |

Case 2A:

| Date | Day | Exam | Time |
| :---: | :---: | :---: | :---: |
| 2 | Tuesday |  |  |
| 3 | Wednesday | History | 60 min |
| 4 | Thursday | Maths | 50 min |
| 5 | Friday | English |  |
| 6 | Saturday | Hindi | 100 min |
| 7 | Sunday | No exam |  |
| 8 | Monday |  | 40 min |

## Reference:

Economics exam which is for 75 minutes is not scheduled on $2^{\text {nd }}$ march

## Inference:

Here, Case 2A fails because we cannot fit Economics exam in this case without contradicting the given hint.
Case 2:

| Date | Day | Exam | Time |
| :---: | :---: | :---: | :---: |
| 2 | Wednesday | History | 60 min |
| 3 | Thursday | Maths | 50 min |
| 4 | Friday | English |  |
| 5 | Saturday | Hindi | 100 min |
| 6 | Sunday | No exam |  |
| 7 | Monday | Economics | 75 min |
| 8 | Tuesday |  | 40 min |

Here, we can fill the rest of the slots easily with Science exam on Tuesday and duration of 90 min. for English exam.

The final puzzle is as follows:

| Date | Day | Exam | Time |
| :---: | :---: | :---: | :---: |
| 2 | Wednesday | History | 60 min |
| 3 | Thursday | Maths | 50 min |
| 4 | Friday | English | 90 min |
| 5 | Saturday | Hindi | 100 min |
| 6 | Sunday | No exam |  |
| 7 | Monday | Economics | 75 min |
| 8 | Tuesday | Science | 40 min |

## Answers :

1. Following the final solution we can say that three exams were scheduled before Saturday. Hence, the correct answer is option D
2. Following the final solution we can say that Maths - Thursday - 50 minutes is correct combination of Exam - Day - Time Duration.
Hence, the correct answer is option B.
3. Following the final solution we can say that the time duration of English exam was 90 minutes. Hence, the correct answer is option A.
4. Following the final solution we can say that History exam was scheduled on Wednesday. Hence, the correct answer is option E.
5. Following the final solution we can say that Sunday was on 6th march.

Hence, the correct answer is option D.

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