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## Puzzle test for SBI PO Mains, IBPS PO Mains and RBI Grade B Exams.

PT Set No 176

**Directions:** Study the following information carefully and answer the questions given beside.

In a school there are three lockers kept parallel to each other such that Locker A is east of Locker B and Locker B is to the east of Locker C. Each locker has 6 racks and the height of each of the racks of all the lockers is the same. The lowermost rack is numbered as one and above is two and so on till the topmost in all the lockers. Each rack is marked with alphabetical letters from A to R, but not necessarily in the same order. Each rack contains different types of subject copies such that no two racks have the same subject copies.

**Condition :** All the vowel letters are numbered to the even numbered Rack . All the language subjects copies are kept in Locker A. Language subjects are Hindi, Sanskrit, Marathi, Bengali, Odia and English.

Biology, Mathematics and Bengali are in the same rack of different lockers. Bengali copies are in Rack R. Mathematics copies are kept to the immediate west rack of Bengali copies. Accountancy copies are kept on the top most rack in Locker C. Rack C is to the immediate east of Rack M which is above Rack I. Economics copies are kept just above Computer Copies. Geography copies is to the west of English copies and east of Physics copies. Business studies copies and Law copies are not in the same locker. There is a gap of two racks between Marathi copies and English copies. Sanskrit copies are on the odd number rack. Rack B is four racks above to Odia. Economics copies are kept at rack 5. Maximum number of subject copies are kept above Geography copies. Civics copies are kept in rack I. History copies and Mathematics copies are not in the same locker. Number of subject copies kept above Hindi copies in same the number of subject copies kept below Geography copies.

Chemistry copies are kept in Rack K. There is one rack between rack K and the rack where computer copies are kept. There are two racks between Rack L and Odia copies in Locker A. Neither locker B nor locker C is having Mathematics copies on Rack positioning at 1. Rack O is to the west of Rack J. There are three racks below rack J. Rack N is just below Rack P, who is to the immediate west of Rack J. Odia copies are kept on even numbered Rack. Sanskrit copies are kept in Rack L which is to the immediate East of Economics copies, which is just above Rack P. Law copies are kept second below Rack H in locker C. Rack E is to the west of Rack A. Rack F is in Locker C just below Rack I. Rack G and Rack Q are in Locker B and Locker A respectively.

**1. Which of the following combination is correct?**

A. 4-P- Odia      B. 6-K-Chemistry      C. 3-J- Biology      D. 1-M-English      E. 3-L-Sanskrit

**2. Which of the following Subject copies are kept just below Civics?**

A. Physics      B. Economics      C. Biology      D. Bengali      E. Accountancy

**3. Which of the following Subject copies in kept in Locker B?**

A. History      B. Biology      C. Hindi      D. Law      E. Computer

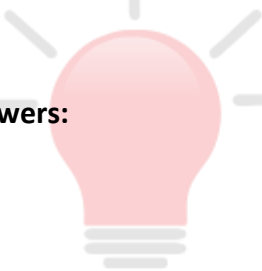
**4. Which of the following is odd?**

A. Rack P- Rack N      B. Rack D- Rack I      C. Rack L- Rack J      D. Rack R – Rack M      E. Rack A- Rack Q

**5. Which of the copies is kept to the immediate east of Rack E?**

A. Civics      B. English      C. Odiya      D. History      E. Hindi

**Correct Answers:**



1	2	3	4	5
B	A	E	E	C

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The Question Bank

## Common explanation :

### References:

In a school there are three lockers kept parallel to each other such that Locker A is east of Locker B and Locker B is to the east of Locker C. Each locker has 6 racks and the height of each of the racks of all the locker is same. The lowermost rack is numbered as one and above is two and so on till the topmost in all the lockers. Each rack is marked with alphabetical letters from A to R, but not necessarily in the same order. Each rack contains different types of subject copies such that no two racks have same subject copies.

### Inferences:

There are 3 lockers Locker A , Locker B and Locker C kept parallel to each other.

Each is having six racks with equal heights. Each rack is marked from A to R not necessarily in the same order.

Each rack contains different types of subject copies such that no two racks have the same subject copies.

The lowermost rack is numbered as one and above is two and so on till the topmost in all the lockers.

Positions	Racks	Subjects	Positions	Racks	Subjects	Positions	Racks	Subjects
6			6			6		
5			5			5		
4			4			4		
3			3			3		
2			2			2		
1			1			1		

### References:

**Condition :** All the vowel letters between A and R are given to the even numbered Rack . All the language subjects copies are kept in Locker A. Language subjects are Hindi, Sanskrit, Marathi, Bengali, Odia and English.

### Inferences:

All the vowels between A and R is given even numbered rack.

In locker A all language subjects copies are kept.

Language subjects are Hindi, Sanskrit, Marathi, Bengali, Odia and English.

### References:

Biology, Mathematics and Bengali are in the same rack of different lockers. Bengali copies are in Rack R. Accountancy copies is kept on top most rack in Locker C. Rack C is to the immediate east of Rack M which is above Rack I.



**Inferences:**

Biology, Mathematics and Bengali are in the same rack.

Bengali copies are in Rack R which means Biology and Mathematics are also in rack R.

Accountancy copies is kept on topmost rack in Locker C.

Rack C is to the immediate east of Rack M

Rack M is above Rack I.

Locker C			Locker B			Locker A		
Positions	Racks	Subjects	Positions	Racks	Subjects	Positions	Racks	Subjects
6		Accountancy	6			6		
5			5			5		
4			4			4		
3			3			3		
2			2			2		
1			1			1		

**References:**

Economics copies are kept just above Computer Copies. Geography copies is to the west of English copies and east of Physics copies. Business studies copies and Law copies are not in the same locker. There is a gap of two racks between Marathi copies and English copies. Sankrit copies are on the odd number rack. Rack B is four racks above to Odia copies in Locker A. Maximum number of subject copies are kept above Geography copies.

**Inferences:**

5 different subject copies are kept above Geography.

Rack B is four racks above Odia copies in Locker A.

Sankrit copies are on odd numbered rack.

There is a gap of two racks between Marathi copies and English copies

Geography copies is to the west of English copies and east of Physics copies.

Physics — Geography —English

Economics copies are kept just above Computer Copies

Business studies and Law copies are not in the same locker.

Locker C			Locker B			Locker A		
Positions	Racks	Subjects	Positions	Racks	Subjects	Positions	Racks	Subjects
6		Accountancy	6			6		
5			5			5	L	
4			4			4		
3			3			3		
2			2			2		Odia
1			1			1		

**References:**

Civics copies is kept in rack I. History copies and Mathematics copies are not on the same rack. Number of subject copies kept above Hindi copies in same the number of subject copies kept below Geography copies.

**Inferences:**

Rack I = Civics copies

Number of subject copies kept above Hindi copies in same the number of subject copies kept below Geography copies.

History copies and Mathematics copies are not on the same rack.

**References:**

Chemistry copies are kept in Rack K. There is one rack between rack K and the rack where computer copies are kept. There are two racks between Rack L and Odia copies in Locker A. Neither locker B nor locker C is having Mathematics copies on Rack positioning at 1

**Inferences:**

There are two racks between Rack L and Odia copies in Locker A.

Rack K - chemistry

There is one rack between rack K and the rack where computer copies are kept

Neither locker B nor locker C is having Mathematics copies on Rack positioning at 1

**References:**

Rack O is to the west of Rack J. There are three racks below rack J. Rack N is just below Rack P, who is to the immediate west of Rack J. Odia copies are kept on even numbered Rack.

**Inferences:**

Rack O is to the west of Rack J.

There are 3 racks below rack J.

Rack N is just below Rack P

Rack P is immediate west of Rack J

Odia copies – Even numbered position.

**References:**

Sanskrit copies are Kept in Rack L which are to the immediate East of Economics copies, which is just above Rack P. Law copies are kept second below Rack H in locker C. Rack E is to the west of Rack A. Rack F is in Locker C just below Rack I. Rack G and Rack Q are in Locker B and Locker A respectively.

**Inferences:**

Law copies are kept second below Rack H in locker C.

Rack G = Locker B

Rack Q = Locker C


Rack E west of Rack A

Rack F is just below Rack I both in Locker C.

Sanskrit copies East of Economics Copies.

Economics copies just above Rack P

Rack E is to the west of Rack A. Rack E is placed at Locker B position 2 and Rack A in Locker A position 2 because vowels will be at even numbered positions only.



Locker C			Locker B			Locker A		
Positions	Racks	Subjects	Positions	Racks	Subjects	Positions	Racks	Subjects
6		Accountancy	6			6		
5			5			5		
4			4			4		Marathi
3			3			3		
2			2			2		Odia
1		Physics	1		Geography	1		English

Again we see that

Locker C			Locker B			Locker A		
Positions	Racks	Subjects	Positions	Racks	Subjects	Positions	Racks	Subjects
6		Accountancy	6			6		Hindi
5			5		Economics	5		Sanskrit
4	O		4	P		4	J	Marathi
3			3	N		3		
2			2			2		Odia
1		Physics	1		Geography	1		English

Locker C			Locker B			Locker A		
Positions	Racks	Subjects	Positions	Racks	Subjects	Positions	Racks	Subjects
6	H	Accountancy	6	K	Chemistry	6		Hindi
5			5		Economics	5		Sanskrit
4	O	Law	4	P	Computer	4	J	Marathi
3		Biology	3	N	Mathematics	3		Bengali
2			2			2		Odia
1		Physics	1		Geography	1		English

Locker C			Locker B			Locker A		
Positions	Racks	Subjects	Positions	Racks	Subjects	Positions	Racks	Subjects
6	H	Accountancy	6	K	Chemistry	6	B	Hindi
5	M	History	5	C	Economics	5	L	Sanskrit
4	O	Law	4	P	Computer	4	J	Marathi
3	D	Biology	3	N	Mathematics	3	R	Bengali
2	I	Civics	2	E	Business studies	2	A	Odia
1	F	Physics	1	G	Geography	1	Q	English

## Answers:

1. With the common explanation we have Rack K on position 6 with Chemistry copies.

Hence, option B is correct.

2. With the common explanation we have Physics as the answer.

Hence, option A is correct.

3. With the common explanation we have Computer copies are kept in Locker B.

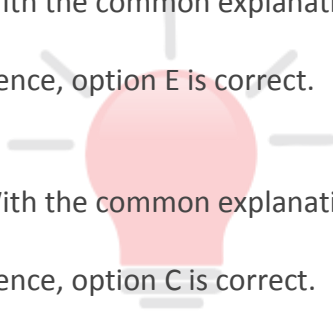
Hence, option E is correct.

4. With the common explanation we have Computer copies are kept in Locker B.

Hence, option E is correct.

5. With the common explanation we have Odia copies kept.

Hence, option C is correct.



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