

KPMG PACKAGE QUESTION

VERBAL REASONING

An athlete has six trophies to place on an empty three-shelf display case. The six trophies are bowling trophies F, G, and H and tennis trophies J, K, and L. The three shelves of the display case are labeled 1 to 3 from top to bottom. Any of the shelves can remain empty. The athlete's placement of trophies must conform to the following conditions:

J and L cannot be on the same shelf.

F must be on the shelf immediately above the shelf that L is on.

No single shelf can hold all three bowling trophies

K cannot be on Shelf 2.

1. If G and H are on Shelf 2, which of the following must be true?

- A. K is on Shelf 1.
- B. L is on Shelf 2.
- C. J is on Shelf 3.
- D. G and J are on the same shelf.
- E. F and K are on the same shelf.

2. If no tennis trophies are on Shelf 3, which pair must be on the same shelf?

- A. F and G

- B. L and H
- C. L and G
- D. K and J
- E. G and H

3. If J is on shelf 2, which of the following must also be on Shelf 2?

- A. K
- B. G
- C. F
- D. L
- E. H

4. If Shelf 1 remains empty, which of the following must be FALSE?

- A. H and F are on the same shelf.
- B. There are exactly three trophies on Shelf 2.
- C. G and H are on the same shelf.
- D. There are exactly two trophies on Shelf 3.
- E. G and K are on the same shelf.

5. If L and G are on the same shelf, and if one of the shelves remains empty, which of the following must be true?

- A. If H is on Shelf 3, then J is on Shelf 2.
- B. K and L are on the same shelf.
- C. If H is on Shelf 2, then J is on Shelf 3.
- D. F and K are on the same shelf.
- E. If J is on Shelf 2, then H is on Shelf 1.

ANSWER

The Action:

You have to sequence trophies on Shelves 1, 2, and 3, from top to bottom.

The Rules:

2) Rule 2 seems to be the most helpful, so let's look at it first. F must be on the shelf immediately above the shelf that L is on. You have two basic options. In Option 1 you place F on Shelf 1 and L on Shelf 2. With Option 2 you put F of Shelf 2 and L on Shelf 3.

1) In Option 1, we can write next to Shelf 2 "no J," and in Option 2, we can write next to Shelf 3 "no J."

3) No shelf can hold all three bowling trophies.

4) K can't be on Shelf 2 — that's for either option.

1. B

G and H are on Shelf 2, so if you remember that three bowling trophies can't be on the same shelf, this tells us that we must work with Option 1. If you put G and H on Shelf 2 in Option 2, you'd be breaking Rule 3 — you'd have all 3 bowling trophies on the same shelf. So you'll have F on Shelf 1, and L, G, and H on Shelf 2. What

must be true? Take a look at B, L is on Shelf 2. Yes we just went through the deduction whereby you realize you must use Option 1 in which F is on Shelf 1 and L is on Shelf 2. So B is the correct answer.

2. D

Right away we realize that you can't use Option 2 here because Option 2 already has a tennis trophy on Shelf 3, L, so you will work with Option 1 — F on the first shelf and L on the second shelf. You know that neither J nor K can appear on Shelf 2 in Option 1. J and K are tennis trophies, so if the question specifies that you can't have a tennis trophy on Shelf 3 and you can't have these two trophies on Shelf 2, then the only place for them is on Shelf 1. In other words, K and J must be on the same shelf, so D is correct.

3. C

This question is directing you to Option 2, because you already know that J isn't allowed on Shelf 2 in Option 1. With Option 2 you know that F must appear on Shelf 2, so C is correct.

4. D

In only one option can Shelf 1 remain empty, Option 2. The rest of the question says "Which of the following must be false?" which means "Which of the following arrangements won't work?" First, let's look at the basic situation. We have Option 2 and we have F on 2 and L on 3, and Shelf 1 remains empty. That tells us that we can do something with J and K. We know in Option 2 that J can't go on Shelf 3 and Shelf 1 is empty, so the only other place for it is Shelf 2. We know that K can't be on Shelf 2 and Shelf 1 is empty, so the only home of K is Shelf 3. So we have Shelf 1 empty, Shelf 2 with F and J, and Shelf 3 with L and K. What to do with G and H? The only thing we can't do is put them on Shelf 2 because that would violate Rule 3. So if we keep them together we have to put them on Shelf 3. If we split them up, we can put G on 2 and H on Shelf 3, or vice versa.

A — can we put H and F on the same shelf? Sure, we've already said we can put one of G and H on Shelf 2 and one on Shelf 3. B — can we put exactly three trophies on Shelf 2? Sure, we just did with A. We put F, J, and H together on Shelf 2 and that left us with L, K, and G together on Shelf 3. C — can we put G and H on the same shelf? Yes, as long as they're on Shelf 3 and not on Shelf 2. D — can we put exactly two trophies on Shelf 3? We have L and K on Shelf 3. To have exactly two trophies on Shelf 3, we would put both G and H somewhere else and we can't put G and H together on Shelf 2 because that would violate Rule 3. So D is our answer

here — it's the thing we can't do. E — can we put G and K on the same shelf? Yes, whether G is alone or together with H, it's possible to do this.

5. A

This is hard because the if-clause doesn't narrow it down to one of the two options. L and G can be on the same shelf in both options, which makes your work more complicated. In both options there's just one empty shelf — in Option 1 it's Shelf 3, and in Option 2 it's Shelf 1. Let's see if we can make any ore deductions about both options. In Option 1, if we have to leave Shelf 3 empty, we can figure out what to do with K and J because they can't be on Shelf 2 and Shelf 3 is empty, so Shelf 1 has F, K, and J and Shelf 2 has L and G and the only thing left is H, on either Shelf 1 or Shelf 2. In Option 2 we know that K can't be on Shelf 2, and Shelf 1 has to be empty, so the only place for K is Shelf 3. J can't be on Shelf 3 in Option 2, and Shelf 1 is empty, so J is on Shelf 2. So we end up with F and J on Shelf 2, L, K, and G on Shelf 3, and Shelf 1 empty, and H is a floater.

For the answer to be correct, it must be true in both options — you hit pay dirt right away, because A is correct. It says if H is on Shelf 3, then J is on Shelf 2. The only way to put H on Shelf 3 is Option 2, where Shelf 3 is open. You can put H on Shelf 3, and in Option 2, J is on Shelf 2, so A is correct. B describes K and L as being on the same shelf, but that's true only in Option 2. C says if H is on Shelf 2, J is on Shelf 3, but J is never on Shelf 3. D has F and K on the same shelf; that's true in Option 1 only and not in Option 2. And E has J on Shelf 2. That's Option 2, but it goes on to say that H is on Shelf 1, and in Option 2, Shelf 1 is empty. So A is correct.

QUANTITATIVE REASONING

$p+q=5$, $p^2+q^2=13$ find p^3+q^3

- A. 20
- B. 21
- C. 30
- D. 28
- E. 18. Answer .D

the sum of reciprocal of x, reciprocal of y and sum of reciprocal of x and y is

- A) XY
- (B) $x + y$
- (C) $x+y+1/XY$
- (D) $xy/(x + y)$
- (E) $(x + y)/xy$ ANSWER: C

$p^2+q^2=16$ and $P-q=8$ the $q=?$

in how many ways can three door be open

- a. 8
- b. 4
- c. 6
- d. 5
- e. 9 ANSWER C: $3! 3*2*1=6$ ways

$(a+2)(a-3)(a+4)$ what is $a?$

CURRENT AFFAIRS

Which of the following coaches have won the Champions League twice?

- a.Guadiola,
- b.Ancelloti,
- c.Mourinho,
- d.Ferguson,
- E. All of the above. E is the answer.

The odd one out of that state is

- A. Nasarawa,
- B.Zamfara
- C. Gombe
- D.bauchi
- E.kastina Answer: Nasarawa North central

The odd city not in Africa is

- A.Accra
- B. Dhaka

C. Dakar

D. Banjul

E. Brazzaville Answer: B Dhaka is a UAE state

Car hand changed in

A. 1970

B. 1971

C. 1972

D. 1973 Answer is C 1972

Aba women riot was

A. 1929

B. 1928

C. 1926

D. 1920 Answer: A 1929

The book is "A bird that sings in the cage" was written by

A. Moyo Angelou

B. Maya Angelou

C. Maya Angel

D. Maya Angelou Answer is B Maya Angelou

Obama is the ----- president

A. 47th

B. 45th

C. 43th

D. 46th

E. None of the Above Answer is E Obama is the 44th president.

First Military coup was in

A. Jan 1966

B. Jan 1960

C. Jan 1965

D. Jan 1962 Answer is Jan 1966

Victoria Azarenka is from

A. Russia

B. Belarus

- C. Slovakia
- D. Serbia Answer is Belarus

.....is to Madagascar

- A. Monrovia
- B. Antananarivo
- C. Maputo
- D. Kigali Answer B. Antananarivo is the capital Madagascar

Mandela died at what age.....

- A. 90
- B. 91
- C. 92
- D. 94
- E. None of the above answer is E he died at 95 years old 2013

Youngest Nobel Peace award

- A. Malala Youzfa
- B. Malala Youzffai
- C. Malala Yousfai
- D. Malala Yosseuf Answer is A pls don't select answer with double FF

Capital of Kenya—

- A. Accra
- B. Dakar
- C. Nairubi
- D. Noirobi
- E. None of the above answer is E it is Nairobi not nairubi pls don't be too quick to pick answer.

Which of this is not an Africa book writer

Answer David Copperfield

ESSAY

In your country, is there more need for land to be left in its natural condition or is there more need for land to be developed for housing and industry?

Model Answer 1:

, I believe that it is a controversial question because both views have their advantages. However, in this situation, an intermediate position can be taken. In the following paragraphs, I will give my reasons to support the answer.

From the one side, saving land in its natural condition brings many benefits. First of all, many wild animals will thrive in our forests. Unfortunately, nowadays many wild animals are endangered because they do not have any place to live in and enough food to eat. Second of all, our children will be able to learn about animals not only from books but also from observing them in their natural environment. In addition to those benefits, our air will be cleaner because many forests will clean it from pollution and make it fresher.

From the other side, deforesting our land and building many new constructions can have a few positive aspects. For example, building new industrial buildings may have a positive impact on the country's economy. Many new companies will have the opportunity to produce more goods and as the result of this the country will receive more money from abroad and this will lead to the improvement of the economy on the whole.

To sum up all mentioned above, I think that we need to be more careful with the natural resources we consume and, moreover, we can do something to preserve them. For example, companies that produce lumber can also resume the resources of wood by planting new trees there. This way we can preserve our land and save it from defrosting. I must agree that it is difficult for Russia at this moment not to develop land for housing and industry because the country needs money and a stronger economy, but I believe that many new factories can replace the old ones without developing new land. So, my point is that we must extend the production of new goods but not at the expense of the wild animals and their land.

Has technology caused more harm than good for us?

Debate depends on what you want to write.....

BEST OF LUCK.....

