

# Requirements Management Interview Questions And Answers Guide.



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# Requirements Management Job Interview Preparation Guide.

### Question # 1

Maximum numbers that can be formed using all the 4 digits 6 4 8 1 without repetition and which is divisible by 9?

**Answer:-**

$6+4+8+1=19$  which is not divisible by 9 so the nos created from them are not divisible by 9.  
so the ans is "ZERO"

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### Question # 2

Suppose There are four dogs, each at the counter of a large square. Each of the dogs begins chasing the dog clockwise from it. All of the dogs run at the same speed. All continuously adjust their direction so that they are always heading straight towards their clockwise neighbor. How long does it take for the dogs to catch each other? Where does this happen? (Hint: Dogs are moving in a symmetrical fashion, not along the edges of the square?)

**Answer:-**

they should meet at the center of the square.  
there path converges towards the center.

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### Question # 3

Mike has \$20 more than Todd. How much does each have given that combined they have \$21 between them. You cant use fractions in the answer?

**Answer:-**

Todd is having \$1 and Mike is having \$20  
Each one of them should give 1\$ each , so in total they can have \$21.

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### Question # 4

How would you weigh a plane without using scales?

**Answer:-**

Well, if you know the thrust of the engines, and can measure the acceleration of the aircraft, you can calculate the mass of the plane.

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### Question # 5

Who is responsible for managing the requirements in your project?

**Answer:-**

Business Analyst/Requirement Engineer.

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### Question # 6

What new feature would you add to MSWORD if you were hired?

**Answer:-**

a transliteration keyboard for indic languages

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### Question # 7



On an average, how many times would you have to open the Seattle phone book to find a specific name?

**Answer:-**

Just once because after you opened it you can just turn pages.

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**Question # 8**

Find the number of sides of a regular convex polygon whose angle is 40degrees?

**Answer:-**

The measure of one vertex angle of a regular polygon is given by:

where n is the number of sides of the regular polygon...and, of course, it goes without saying, that n must be an integer >2(i.e, 3, 4, 5, 6, ...).

If the measure of one vertex angle of a regular polygon is 40 degrees, then we can write:

Simplify and solve for n.

Multiply both sides by n.

Add 360 to both sides.

Subtract 40n from both sides.

Divide both sides by 140.

This is not possible since a regular polygon must have an integral number of sides.

Conclusion:

There is no regular polygon whose vertex angle is 40 degrees

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**Question # 9**

There are 3 ants at 3 corners of a triangle, they randomly start moving towards another corner. What is the probability that they don't collide?

**Answer:-**

The probability is 25% because there are 3 ants all with two possible paths and 8 total possible outcomes. But there are two possible outcomes that the ants don't collide. Either they move one way or the other.  $2/8 = 25\%$ .

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**Question # 10**

If you are on a boat and you throw out a suitcase, will the level of water increase?

**Answer:-**

It depends on the density of the briefcase.

While the briefcase is in the boat, it will displace its weight in water.

If the briefcase floats after you toss it out, then it still displaces its weight in water, and there is no change.

However, if the briefcase is heavier than water it will displace its volume, not its weight. The amount of displaced water will be less (which is why it sank) and the water level will decrease.

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**Question # 11**

What will you do if you find that you cannot meet the requirements?

**Answer:-**

THIS CHANGES YOU FIND ONCE YOU DO THE GAP ANALYSIS, THEN TALK TO CUSTOMER AND CHANGE OR GIVE PROCESS PATH TO ACHIEVE THIS REQUIREMENT

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**Question # 12**

Explain falls method?

**Answer:-**

In Royce's original waterfall model, the following phases are followed in order:

1. Requirements specification

2. Design

3. Construction (AKA implementation or coding)

4. Integration

5. Testing and debugging (AKA validation)

6. Installation

7. Maintenance

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**Question # 13**

Why are beer cans tapered at the top and bottom?

**Answer:-**

The metal on the lid of the can is significantly thicker than the metal on the sides. This means that a great deal of raw materials can be saved by decreasing the diameter of the lid, without significantly decreasing the structural integrity or capacity of the can. This results in savings of about 15% versus a non-tapered can.

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**Question # 14**

Who reviews the requirements and the changes to the requirements?

**Answer:-**

Business Analyst

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**Question # 15**

How do you ensure that you base your software plans, work items and products on the requirement?

**Answer:-**

Breaking down the requirements into use-cases and unit test plans before starting the design ...  
if into product development / long term development - automate these use cases and unit tests into regression tests ... otherwise, just have a check-list document in every phase of code-delivery, before sending it to testing for the QA teams ....

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**Question # 16**

Explain what are the purposes of a requirements document?

**Answer:-**

Requirement documents are base line for further design and development so it requirement must be documented in form of SRS by the approval of all stakeholders so changes can be made after start without any ambiguity.

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**Question # 17**

If you look at a clock and the time is 3:15, what is the angle between the hour and the minute hands?

**Answer:-**

6 degrees.

It is like this:

Rule:-Difference b/w every hour is 30 degrees.

and every hour is divided in 5 parts.

at 3:15 the angle will be:  $30/5=6$ .

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**Question # 18**

Tell me difference between SAP BI & business object DW/ reporting?

**Answer:-**

A) BusinessObjects itself does not build any OLAP cubes.

SAP BW does.

B) BusinessObjects can access Non-SAP data sources.

C) SAP's cash-cow used to be ERP, BusinessObjects is all about reporting/BI and not about providing ERP or CRM systems, etc.

D) BusinessObjects provides far better reporting and analysis than SAP did.

E) SAP wants to be the market leader in the BI sector, so it bought one of the BI leaders: BusinessObjects.

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**Question # 19**

Why is that hot water in a hotel comes out instantly but at home it takes time?

**Answer:-**

Simple. Hotel has customers and a customer will never wait for things. They have to be ready to him handy. That's why they have a overhead tank with water heating 24\*7.

Where as in home its all our schedule and we can do the way what ever we like (:) you can't blame anybody)

Ofcourse these days getting 24\*7 hot water is a quite



common in home's too..

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### **Question # 20**

If you had an infinite supply of water and a 5 quart and 3 quart pail, how would you measure exactly 4 quarts?

#### **Answer:-**

Fill 5 quart pail and transfer to 3 quart pail. you are left with 2 quart of water in 5 quart pail. Then remove water from 3 quart pail and transfer that 2 quart of water to 3 quart pail. Refill 5 quart pail again and transfer 1 quart of water to already 2 quart filled 3 quart pail. you are left with 4 quarts of water in 5 quart pail.

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