mcq - analytical reasoning - 25-feb-2023

Total points 8/15 ?

Upskill India Jan 2023 Program.

✕ 9. The following are the approaches to Root Cause Analysis *   0/1

◉ Situation analysis   ✕

◯ Problem analysis

◯ Solution analysis

◯ Potential problem analysis

◯ All the above

Correct answer

◉ All the above

✗ 3. The following are part of the which Step in Root cause analysis ?   *   0/1
  * What sequence of events leads to the problem?
  * What conditions allow the problem to occur?▢
  * What other problems surround the occurrence of the central problem

◉ Step 2   ✗

○ Step 3

○ Step4

○ Step5

Correct answer

◉ Step 3

✗ 14. Which property of Parse tree is missing   *   0/1
  *The root node is always a node indicating start symbols.

  * The derivation is read from left to right

  * The interior nodes are always the non-terminal nodes.

◉ Derivation is from right to left   ✗

○ The leaf node is always terminal nodes.

○ There are non terminal nodes

○ None of the above

Correct answer

◉ The leaf node is always terminal nodes.

✕ 1.Root Cause Analysis is for *   0/1

- ⦿ Determine what happened?   ✕
- ◯ Determine why it happened
- ◯ Figure out what to do to reduce the likelihood that it will happen again.
- ◯ All the above

Correct answer

- ⦿ All the above

Enter your Naan Mudhalvan Id, if applicable. Otherwise, enter N/A *

n/a

Enter your registered email as per enrollment in Open Mentor portal or Naan Mudhalvan Portal   *

n/a

✓ 13. A leftmost derivation is obtained by applying ---------------- to the leftmost variable in each successive step.   *1/1

- ⦿ Production   ✓
- ◯ Testing
- ◯ Development
- ◯ All the above

✓ 7. There are 3 types of derivation tree *   1/1

◉ True   ✓

○ False

✓ 2.Defining the problem is the first step of Root Cause Analysis *   1/1

◉ True   ✓

○ False

✓ 15. Find out which is ambiguous ie. if this is wrong. *   1/1
S → aSb | SS S → ε

◉ Wrong   ✓

○ Correct

✓ 5. Issues not identified in Test Environment can surface in the production   *1/1
Environment.

◉ True   ✓

○ False

✗ 8. Wrong Server configurations cannot result in issues that needs a root cause analysis *0/1

● True ✗

○ False

Correct answer

● False

✓ 6. Frequent changes to requirements can result in more software bugs * 1/1

● True ✓

○ False

✗ 4. Classification of defect types are of ------------ types * 0/1

● 2 ✗

○ 3

○ 4

○ 5

Correct answer

● 3

I swear on my country (motherland), I swear on my mother tongue, I swear on my family, that I will take this test sincerely and honestly. *

(Icon created by kosonicon - Flaticon)

◉ I SWEAR.

✓ 10. Integration issues are the most common root cause issue for software failures * 1/1

◉ True ✓

◯ False

✗ 12. The corresponding tree for the following statements is given below. *　　0/1
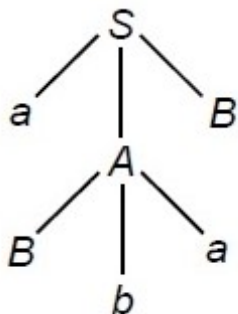　　S -> AaB
　　A -> Bba
　　B -> C
State if the tree is correctly drawn

◉ Correct　　　　　　　　　　　　　　　　　　　　　　　　　✗

◯ Not Correct

Correct answer

◉ Not Correct

✓ 11. This tree is equal to: *　　1/1
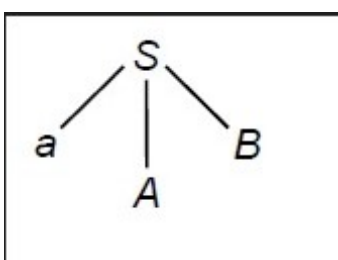
◉ S-> aAB　　　　　　　　　　　　　　　　　　　　　　　　✓

◯ S->AaB

◯ S->SAB

◯ None of the above

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