Question 1

Correct

Mark 1.00 out of 1.00

Flag question

An Employee is Allocated for the Project. Each Employee is described by the empId,Ename,designation and salary.Each Project is described by projID,ProjName,estimatedCost,Actual Cost.

For the above scenario identify the correct entities

Select one:

- a. Project,projID,ProjName,estimatedCost,ActualCost
- b. projID,empId,Employee
- c. Employee,Project,projID,empId
- d. Employee,Project ✔

Question 2

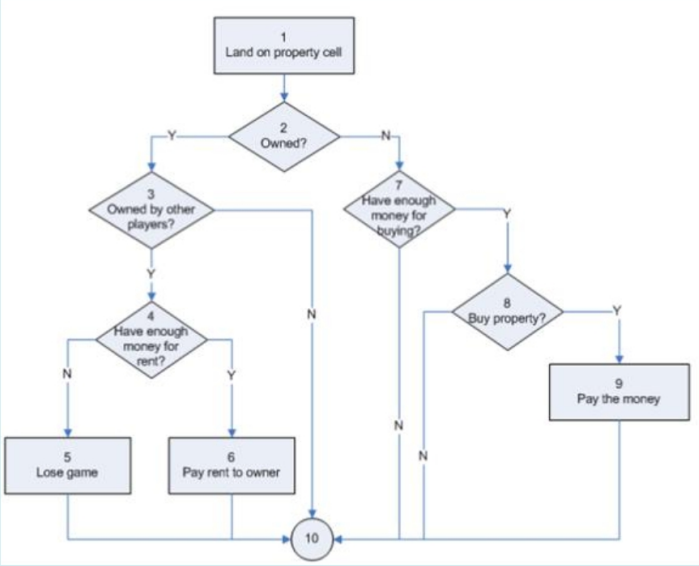
Correct

Mark 1.00 out of 1.00

Flag question

Requirement:
If a player lands on a property owned by other players, he or she needs to pay the rent. If the player does not have enough money, he or she is out of the game. If the property is not owned by any players, and the player has enough money buying the property, he or she may buy the property with the price associated with the property

Find the mc cab's number for the following flowchart



Select one:

- a. 5
- b. 7
- c. 6 ✔
- d. 8

Question 3

Correct

Mark 1.00 out of 1.00

Flag question

.A retail shop has provided a discount sale on their products. A module for calculating discount for the total amount of purchase is decided by the following factors

a) below 5000 then no discount

b) 5000 to 20000 then 5% discount

c) 20001 to 50000 then 10 % discount

d) above 50000 then 15% discount

Choose from the below appropriate test cases using boundary value analysis for the above scenario

Select one:

a. Input Expected Output
4999 No Discount
5000 5%
15000 5%
20001 10%
30000 10%
50000 10%
50001 15%

b. Input Expected Output
4999 No Discount
5000 10%
15000 10%
20000 5%
20001 5%
30000 5%
50000 10%
50001 15%

c.
Input Expected Output
4999 No Discount
5000 5%
15000 5%
20000 5%
20001 10%
30000 10%
50000 10%
50001 15% ✔

d. Input Expected Output
4999 No Discount
5000 5%
15000 5%
20000 5%
20003 10%
30000 10%
50000 10%
50001 15%

Question 4

Correct

Mark 1.00 out of 1.00

Flag question

See the code below

```
READ mark;
IF(mark > 90)
        GRADE = 'A';
ELSE IF(mark > 81 && mark < 90)
        GRADE = 'B';
ELSE IF(mark > 71 && mark < 80)
        GRADE = 'C';
ELSE IF(mark > 61 && mark < 70)
        GRADE = 'D';
ELSE IF(mark < 60)
        GRADE = 'F';
PRINT GRADE;
```

predict the number of independent paths to be tested.

Select one:

- a. 8
- b. 5
- c. 9 ✔
- d. 6

Question 5

Correct

Mark 1.00 out of 1.00

Flag question

A module is designed for the retail shop to calculate the discount based on the customer type

a) privileged customer then 3% discount

b) normal customer then no discount

Design test cases using using equivalence partitioning for the above scenario

Select one:

- a. Input — Expected Output
  Privilage Customer — 3%
  Normal Customer — No Discount
  Gold Customer — Invalid ✔
- b. Input — Expected Output
  Privilage Customer — 13%
  Normal Customer — No Discount
  Gold Customer — Invalid
- c. Input — Expected Output
  Privilage Customer — 3%
  Normal Customer — No Discount
- d. Input — Expected Output
  Privilage Customer — 3%
  Normal Customer — Invalid
  Gold Customer — Invalid

Question 6

Correct

Mark 1.00 out of 1.00

Flag question

A retail shop has provided a discount sale on their products. A module for calculating discount for the total amount of purchase is decided by the following factors

a) below 5000 then no discount

b) 5000 to 20000 then 5% discount

c) 20001 to 50000 then 10 % discount

d) above 50000 then 15% discount

Choose from the below appropriate test cases using equivalence partitioning for the above scenario

Select one:

a.
Input Expected Output
2000 No Discount
7000 5%
30000 10%
60000 15% ✔

b.
Input Expected Output
2000 No Discount
7000 15%
30000 10%
60000 5%

c.
Input Expected Output
2000 No Discount
7000 5%
30000 10%
60000 10%

d. Input Expected Output
2000 No Discount
35000 5%
30000 10%
60000 15%

Question 7

Correct

Mark 1.00 out of 1.00

Flag question

Derive the Cardinality between the student and the School.

A School has many students. The student belongs to a school

Select one:

a. M:1 ✔

b. 1:1

c. M:M

d. 1:M

Question 8

Correct

Mark 1.00 out of 1.00

Flag question

Which of the following statements are true for the below pseudocode

```
READ A,B,C
IF (A>B  AND  A>C)
      PRINT  "A Is Greater"
IF (B>A  AND  B>C)
      PRINT  "B Is Greater"
IF (C>A  AND  C>B)
      PRINT  "C Is Greater"
```

Select one or more:

a. There are no errors in the above code.

b. Condition when all the variables are given same value is not checked ✔

c. Code would be more efficient if, if is replaced by else-if ✔

d. AND should be replaced with OR

Question 9

Correct

Mark 1.00 out of 1.00

Flag question

Find the mc cab's number for the below code.

```
if code is blank or not in database
        display "reenter code"
else
        if no credit and amount < 500
                display "credut not available"
        else
                display "credit passed"
        end if
end if
```

Select one:

- a. 4
- b. 6
- c. 5 ✔
- d. 7

Question 10

Correct

Mark 1.00 out of 1.00

Flag question

For the given code, identify the correct independent paths

Program for Search

```
{
   Binary Search Algorithm
          {
1.    int bottom = 0 ;
2.    int top = elemArray.length - 1 ;
      int mid ;
3.    r.found = false ;
4.    r.index = -1 ;
5.    while ( bottom <= top )
      {
6.       mid = (top + bottom) / 2 ;
7.       if (elemArray [mid] == key)
         {
8.          r.index = mid ;
9.          r.found = true ;
10.         return ;
         } // if part
        else
        {
11.        if (elemArray [mid] < key)
12.           bottom = mid + 1 ;
          else
13.          top = mid - 1 ;
        }
     } //while loop
14. } // Binary search
} //Search
```

Select one or more:

- a. 1, 2, 3, 4, 5,6, 7, 2, 11, 13, 6,...
- b. 1, 2, 3, 4, 5, 14,10
- c. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 14 ✔
- d. 1, 2, 3, 4, 5, 6, 7, 11, 12, 5,... ✔