Quiz review

Started on	Thursday, 16 May 2024, 3:28 PM
State	Finished
Completed on	Thursday, 16 May 2024, 3:39 PM
Time taken	11 mins 21 secs
Marks	17.00/21.00
Grade	**80.95** out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 80%

Question 1

Incorrect

Mark 0.00 out of 1.00

If there are 6 chocolates and you take away 4, how many do you have?

Select one:

- a. 2 ✖
- b. 6
- c. 4
- d. None

Your answer is incorrect.

The chocolates which you took

The correct answer is: 4

Question 2

Incorrect

Mark 0.00 out of 1.00

What do you infer from this statement?

"Only if Alvin is happy, then he does not go to work."

Select one:

- a. Alvin is happy and he goes to work.
- b. Alvin is happy and he does not go to work ✖
- c. Alvin is not happy and he goes to work.
- d. Alvin is not happy and he does not go to work

Your answer is incorrect.

The correct answer is:
Alvin is not happy and he goes to work.

Question 3

Correct

Mark 1.00 out of 1.00

By default, the flow of a program is_____

Select one:

- a. conditional
- b. top to bottom ✔
- c. iterative
- d. bottom to top

Your answer is correct.

The correct answer is: top to bottom

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Question 4

Correct

Mark 1.00 out of 1.00

Identify the correct pseudo-code logic for checking a number divisible by 5 or 11.

○ a.

DECLARE number

IF number%5==0

THEN

 PRINT "number divisible by 5"

ELSE IF number%11==0

THEN

PRINT "number divisible by 11"

ELSE

PRINT "number not divisible by 5 or 11"

END IF

READ number

BEGIN

◉ b. ✔

BEGIN

 DECLARE number

READ number

IF number%5==0

THEN

PRINT "number divisible by 5"

ELSE IF number%11==0

THEN

PRINT "number divisible by 11"

ELSE

PRINT "number not divisible by 5 or 11"

END IF

END

○ c.

DECLARE number

READ number

IF number%5==0

THEN

PRINT "number divisible by 5"

ELSE IF number%11==0

THEN

PRINT "number divisible by 11"

ELSE

PRINT "number not divisible by 5 or 11"

END

BEGIN

○ d.

DECLARE number

READ number

IF number%5==0

THEN

PRINT "number divisible by 5"

ELSE IF number%11==0

THEN

PRINT "number divisible by 11"

ELSE

PRINT "number not divisible by 5 or 11"

END IF

Your answer is correct.

The correct answer is:

BEGIN
DECLARE number
READ number
IF number%5==0
THEN
PRINT "number divisible by 5"
ELSE IF number%11==0
THEN
PRINT "number divisible by 11"
ELSE
PRINT "number not divisible by 5 or 11"
END IF
END

Question 5

Correct

Mark 1.00 out of 1.00

Choose the correct options to complete the pseudo-code and determine whether the number is positive, zero, or negative.

```
BEGIN
DECLARE number
READ number
IF _____
      PRINT "Number is positive"
IF _____
      PRINT "Number is zero"
IF _____
      PRINT "Number is Negative"
END IF
END
```

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- a. number>0, number>0, number==0

- b. number<0, number>0, number==0

- c. number>0, number==0, number<0 ✔

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- d. number>0, number==0, number==0

Your answer is correct.

The correct answer is:

number>0, number==0, number<0

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Question 6

Correct

Mark 1.00 out of 1.00

Go to statements in the algorithm is…

Select one:

- a. Used to iterate the sequence of steps

- b. Used to alternate the flow of the program ✔

- c. Used in sequential arrangement of steps

- d. Used to apply decisions in a program

Your answer is correct.
Go to statements used to transfer the control flow of a program

The correct answer is:
Used to alternate the flow of the program

Question 7

Correct

Mark 1.00 out of 1.00

_____must be used when a set of statements needs to be executed only if a condition is met.

Select one:

- a. selection statements ✔

- b. Either selection or looping statements

- c. Looping statements

Your answer is correct.
selection statements or conditional statements works based on conditions

The correct answer is:
selection statements

Question 8

Correct

Mark 1.00 out of 1.00

Which of the keyword is used to close the IF block, while writing a pseudo-code?

Select one:

- a. Else
- b. End if ✔
- c. Else if
- d. End

Your answer is correct.

The correct answer is: End if

Question 9

Correct

Mark 1.00 out of 1.00

READ age

IF age>18

THEN

PRINT "Eligible to vote"

ENDIF The given pseudo-code snippet is an example for_____

Select one:

- a. Simple If logic ✔
- b. Sequence Logic
- c. Else if ladder logic
- d. Nested if logic

Your answer is correct.
Simple if logic checks for a single condition and executes the statements

The correct answer is:
Simple If logic

Question 10

Correct

Mark 1.00 out of 1.00

When a single if-else logic is used, how many possible choices can be there?

Select one:

- a. 3

- b. 1
- c. 0
- d. 2 ✔

Your answer is correct.

Single if-else statement can have only two possible ways. Either if part, or else part

The correct answer is: 2

Question 11

Correct

Mark 1.00 out of 1.00

Decision statements are also called as _____.

- a. Sequence logic
- b. Iteration logic

- c. Program logic
- d. Selection logic ✔

Your answer is correct.

The correct answer is:
Selection logic

Question 12

Correct

Mark 1.00 out of 1.00

You are returning home from a hotel. On the way, you find a sealed envelope in a street, fully addressed with unused stamps on it. What would you do???

Select one:

- ○ a. Open the envelope, find out who has dropped it by mistake, and send it to him if possible.
- ● b. post it at the nearest mail box. ✔
- ○ c. Remove the unused stamps and destroy the envelope.
- ○ d. Leave the envelope there as it was and walk away

Your answer is correct.

The correct answer is:
post it at the nearest mail box.

Question 13

Incorrect

Mark 0.00 out of 1.00

Try some!!!

If a doctor gives you 3 pills and tells you to take one pill every half hour, how long would it take before all the pills had been taken?

Select one:

- ○ a. 3 hours
- ● b. 1 and half hour ✘
- ○ c. 1 hour
- ○ d. 2 hours

Your answer is incorrect.
1hour. one pill is taken at the beginning of an hour, second after half an hour, remaining at the end of the hour

The correct answer is:
1 hour

Question 14

Correct

Mark 1.00 out of 1.00

Arrange the pseudo-code logic for checking a number divisible by 5 or 11.

- ✔ BEGIN
- ✔ DECLARE number
  READ number
- ✔ IF number%5==0
- ✔ THEN
  PRINT "number divisible by 5"
- ✔ ELSE IF number%11==0
- ✔ THEN
  PRINT "number divisible by 11"
- ✔ ELSE
  PRINT ""number not divisible by 5 or 11"
- ✔ END IF
- ✔ END

Your answer is correct.

Question 15

Correct

Mark 1.00 out of 1.00

Manual execution of the steps in the algorithm is called as _____

Select one:
- ○ a. Dry run ✔
- ○ b. Simple Run
- ○ c. Execution
- ○ d. compiling

Your answer is correct.

The correct answer is: Dry run

Question 16

Correct

Mark 1.00 out of 1.00

Which statement logic implements multiple-way selection?

Select one:

- ○ a. If-else
- ○ b. Simple if
- ○ c. Sequential
- ◉ d. Else if ladder ✔

Your answer is correct.

else if ladder statements are multiple-way branching statements. It decides the execution among several alternatives

The correct answer is: Else if ladder

Question 17

Correct

Mark 1.00 out of 1.00

A computer program must either use conditional statements or looping statements or sequential statements to solve a problem. All of them must not appear in the same program. State true/ false.

Select one:

- ○ True
- ◉ False ✔

Your answer is correct.

Program's flow could have sequential statements, selection statements or Looping statements or combination of all

The correct answer is 'False'.

Consider the pseudo-code snippet. What output do you think the snippet will produce if the sample input for number is 3?

BEGIN

DECLARE number

READ number

IF number>=0

      IF number == 0

          PRINT "Zero"

    ELSE

          PRINT "Three"

ENDIF

PRINT "No Value"

END

Select one:

- a.
  Three ✔

  No value

- b.
  Zero

  Three

  No value

- c.
  Zero

  Three

- d.
  Zero

  No value

Your answer is correct.

In first if condition, 3 is greater than or equal to 0, so execution progresses to the second `if` statement. The second `if` statement's test fails because 3 is not equal to 0. Thus, the `else` clause attached to the second `if` statement is executed. So, "Three" is displayed. The final `PRINT statement` is completely outside of any `if` statement, so it always gets executed, and thus "No value" is displayed

The correct answer is:
Three
No value

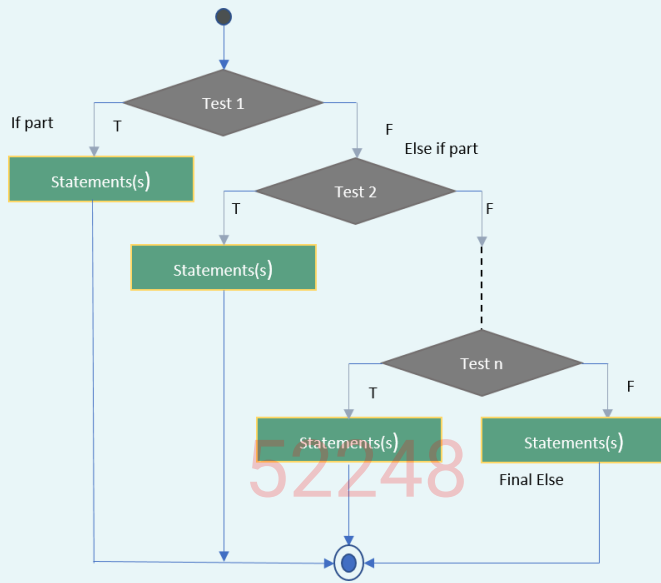## Question 19

Correct

Mark 1.00 out of 1.00

Identify the logic which suits the flowchart

Select one:

- a. if else
- b. Simple if
- c. Nested if
- d. Else-if Ladder ✔

Your answer is correct.

The correct answer is: Else-if Ladder

Question 20

Incorrect

Mark 0.00 out of 1.00

Which of the following is not a keyword used in a pseudo-code

Select one:

- a. End if
- b. static ✖
- c. Start
- d. Read

Your answer is incorrect.

The correct answer is: Start

Question 21

Correct

Mark 1.00 out of 1.00

From the option, find the correct pseudo-code to find the greatest of three numbers

Select one:

a.
```
BEGIN
DECLARE variables a, b, c
READ  a, b, c
IF a<b
    IF a<c
            PRINT "a"
    ELSE
            PRINT "c"
    ELSE IF b<c
            PRINT "b"
    ELSE
            PRINT "c"
END
```

b. ✔
```
BEGIN
DECLARE variables a,b,c
READ  a,b,c
    IF a>b
            IF a>c
                PRINT "a"
            ELSE
                PRINT "c"
    ELSE IF b>c
            PRINT "b"
    ELSE
        PRINT "c"
END
```

c.
```
BEGIN
DECLARE variables a,b,c
READ  a,b,c
    IF a>c
            PRINT "a"
    ELSE
            PRINT "c"
    ELSE IF b>c
            PRINT "b"
    ELSE
            PRINT "c"
```

END

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Jump to...   ⇕

Crack the Puzzles ►

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