

← [Dashboard](#) / [Primer 2.0 - App Dev](#) / [Stage 1](#) / [Software Fundamentals](#) / [Selection statements](#)

Quiz review

Started on	Saturday, 13 January 2024, 4:57 PM
State	Finished
Completed on	Saturday, 13 January 2024, 5:20 PM
Time taken	23 mins 1 sec
Marks	17.00/21.00
Grade	80.95 out of 100.00
Feedback	Congratulations!!! You have passed by securing more than 80%

Question 1

Correct

Mark 1.00 out of 1.00

Decision statements are also called as _____.

- ☐ a. Iteration logic
- ☐ b. Program logic
- ☐ c. Sequence logic
- ☒ d. Selection logic ✓

Your answer is correct.

The correct answer is:

Selection logic



Question 2

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. Else if ladder logic
- ☐ b. Sequence Logic
- ☐ c. Nested if logic
- ☒ d. Simple 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 3

Correct

Mark 1.00 out of
1.00

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

Select one:

- ☐ a. Execution
- ☐ b. compiling
- ☐ c. Simple Run
- ☒ d. Dry run ✓

Your answer is correct.

The correct answer is: Dry run

45099

45099



Question 4

Correct

Mark 1.00 out of
1.00

Go to statements in the algorithm is...

Select one:

- ☐ a. Used in sequential arrangement of steps
- ☐ b. Used to iterate the sequence of steps
- ☐ c. Used to apply decisions in a program
- ☒ d. Used to alternate the flow of the 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 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

☐ a. number>0, number==0, number==0

☒ b. number>0, number==0, number<0 ✓

☐ c. number<0, number>0, number==0

☐ d. number>0, number>0, number==0

Your answer is correct.

The correct answer is:

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

45099

45099

45099

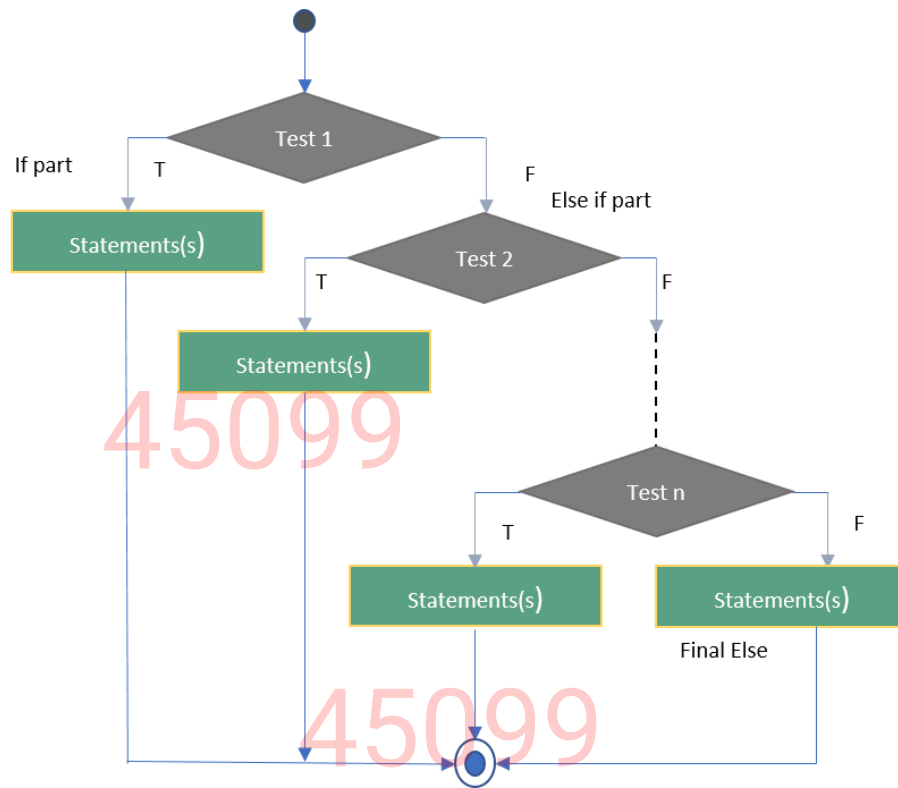


Question 6

Incorrect

Mark 0.00 out of
1.00

Identify the logic which suits the flowchart



Select one:

- ☐ a. Else-if Ladder
- ☒ b. if else ✖
- ☐ c. Simple if
- ☐ d. Nested if

Your answer is incorrect.

The correct answer is: Else-if Ladder



Question 7

Correct

Mark 1.00 out of
1.00

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. Zero
- Three
- No value

- ☐ b. Zero
- Three

- ☐ c. Zero
No value
- ☒ d. Three ✓
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

45099

45099



Question 8

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 9

Correct

Mark 1.00 out of 1.00

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

Select one:

- ☒ a. 4 ✓
- ☐ b. None
- ☐ c. 2
- ☐ d. 6

Your answer is correct.

The chocolates which you took

The correct answer is: 4

Question 10

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'.



**Question
11**

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 not happy and he goes to work.
- ☒ b. Alvin is happy and he does not go to work ❌
- ☐ c. Alvin is not happy and he does not go to work
- ☐ d. Alvin is happy and he goes to work.

Your answer is incorrect.

The correct answer is:

Alvin is not happy and he goes to work.

**Question
12**

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>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>b
 IF a>c
 PRINT "a"
 ELSE
 PRINT "c"
 ELSE IF b>c
 PRINT "b"
 ELSE
 PRINT "c"
END
```

Your answer is correct.

Nested if Logic with proper indentation

The correct answer is:

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

**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

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

- ☐ a.
- ```
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
```
- ☐ b.
- ```
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

☒ c.



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

☐ d.

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
```

45099

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  
15**

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. 2 ✓
- ☐ b. 3

- ☐ c. 1
- ☐ d. 0

45099

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

45099

45099



**Question  
16**

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  
17**

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. Else if
- ☐ c. End
- ☒ d. End if ✓

Your answer is correct.

The correct answer is: End if

45099

45099

45099



**Question  
18**

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

Your answer is correct.

The correct answer is:

post it at the nearest mail box.

**Question  
19**

Correct

Mark 1.00 out of  
1.00

By default, the flow of a program is\_\_\_\_\_

Select one:

- ☒ a. top to bottom ✓
- ☐ b. iterative
- ☐ c. conditional
- ☐ d. bottom to top

Your answer is correct.

The correct answer is: top to bottom

45099

45099

45099





**Question  
20**

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  
21**

Incorrect

Mark 0.00 out of  
1.00

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

Select one:

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

Your answer is incorrect.

The correct answer is: Start

◀ Pseudocode Using Selection  
Statements - Quiz

Jump to...

Crack the Puzzles ▶