TASK 4...

Choose the correct answer for each of the following questions:

1. Open "Task4.xlsx" , goto Test sheet, the Sensitivity for Test1 is :

a. 0.513888889   b. 0.3333333   c. 0.395833333   d. 0.560606061

ANSWER:

2. Open "Task4.xlsx" , goto Test sheet , The Specificity for Test2 is :

a. 0.513888889   b. 0.3333333   c. 0.395833333   d. 0.560606061

ANSWER:

3. Open "Task4.xlsx" , goto Test sheet , The accuracy for Test1 is :

a. 0.33333333   b. 0.466666667   c. 0.441666667   d. 0.513888889

ANSWER:

4. Open "Task4.xlsx" , goto Test sheet , The NPV for Test1 is :

a. 0.31372549   b. 0.560606061   c. 0.351851852   d. 0.536231884

ANSWER:

5. Open "Task4.xlsx" , goto Test sheet, The PPV for Test2 is :

a. 0.31372549   b. 0.560606061   c. 0.351851852   d. 0.536231884

ANSWER:

TASK 5...

Choose the correct answer for each of the following questions:

1. Open Task5.xlsx, goto Ttest sheet, Columns G and H contain data from 50 medium ground finches sampled in 1977 and 1978. Use Ttest Function and find the P-value to determine if the 1977 Beak Depth is significantly different from the 1978 Beak Depth or not, Then the P-value is :

a. 0.0015   b. 0.002206   c. 0.001103   d. 0.25

ANSWER: a

2. In a farm with no plants the average number of bugs is 8 , a farmer decided to plant the Farm with apple trees , He claims that the number of bugs will be different , a sample of 10 weeks period is taken with mean=9.6 and standard deviation =2.45 , use Tdist to Test such a claim , then the Decision is :

a. Strong Evidence to Reject H0

b. Significant Evidence to Reject H0

c. Weak Evidence against H0

d. Insignificant Evidence to Reject H0

ANSWER: c

3. Open "Task5.xlsx" , goto Test sheet , The value of the Kappa Statistic Between Test 1 and Test 2 is :

a. 0.408333333   b. 0.5075   c. -0.201353638   d. 0.201353638

ANSWER: c

4. An Investigator claims that the effect of a new medication for Vitamin D level in the blood, differs between men and women , to test such a claim he selects two samples for men and women who are given the new medication with the mean and the standard deviation for both samples as follows :

	Sample size	Mean of Vitamin D level	Standard deviation of vitamin D level
Men	20	80	50
women	20	60	40

Use Tdist to Test Such a claim , then the Decision is :

a. Strong Evidence to Reject H0

 b. Significant Evidence to Reject H0

c. Weak Evidence against H0

d. Insignificant Evidence to Reject H0

ANSWER: d

Task 3:

Open "Task3.xlsx", goto Find sheet, the median for the Salary column is:

a. 405

b. 410

C. 400

d. 412

answer:

2. Open "Task3.xlsx", goto Find sheet, The mean of Salary column is:

a. 429.908

b. 405

C. 450

d.329.9

answer:

3. Open "Task3.xlsx", goto Find sheet, The mode for the salary column is:

a. 430

b. 405

c. 410

d.300

answer:

4. Open "Task3.xlsx", goto Sales sheet, the correlation between Account and Duration column is:

a. 0.999925

b. 0.999925

c. 548838.1

d. -548838.1

answer:

5. Open "Task3.xlsx", goto Sales sheet, The Range in the Duration column is :

a. 98

b. 87

c. 11

d. 109

answer:

TASK 3

1. Open "Task2_File.xlsx", goto Dept sheet, Create a subtotal to find the average Grade for each Department, then the number of subtotals is:

a. 10

b. 11

c. 32

d. 33.

Answer:

Open "Task2_File.xlsx", goto Pie sheet, The pie explosion of the data series in the Employees Pie chart is:

a. 80%

b. 10 %

c. 219%

d. 100%

Answer:

3. Open "Task2_File.xlsx", goto Items sheet, filter the records to display the Binders Items or Units is greater than or equal to 30, then the number of records is:

a. 32

b. 9

c. 31

d. 8

Answer:

4. Open "Task2_File.xlsx", goto Items sheet, Sort the records according to Salesman from A to Z, then > the contents of cell D20 is:

a. Jardine

b. Jones

c. Thompson

d. Sorvino

answer:

Open "Task2_File.xlsx", goto Chart sheet, The maximum value in the Value axis (Y-axis) in the Sales chart is

a. 0

b. 600

c.100

d. 20

answer:

TASK 1:

1. Which of the following assignment statement is correct:

a. Y+3=10

b. 3=X

C. K=X+2

d.M+4

answer:

2. What is the value of X after solving the following equation?

X = ((3^2/3)^2+ 5) - 6*3/2 + 10 mod 3 -1

a. 11

b. 5

c. 3

d.1

answer:

3. What is the value of Y after solving the following expression?

Y= Not 20 Mod 8 = 33/3 And 900 / 9 >= 10^2 And Not True

a. False

b. True

c. 5

d. -1

4. What is the output for the following pseudo code?

1. Start

2. c = 8

3. If c> 2 then go to step 5

4. Go to step 8

5. print c

6. Decrement c by 2

7. Go to step 3

8. Stop

a. 8   6

b. 8   6   4

c. 8   6   4   2

d.8

5. If the value of the variable C is 2.0, then the datatype of C is :

a. Integer

b. Real

c. String

d. Boolean

6. The operator that has the highest priority in the following is:

a. /

b.^

c.+

d. –

7.is the application of computers and technology in healthcare settings.

a. HIS

b. HIM

c. HIT

d. RIS

answer:

8.is the critical use of knowledge to produce intelligence.

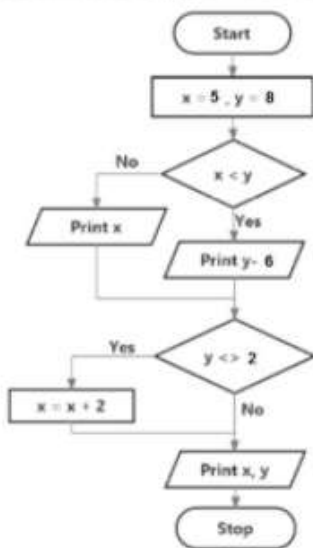a. Data

b. Information

c. Knowledge

d. wisdom

answer:

9. Clinical notes that are often written in natural languages and represented as free text are

Considered:

a. Structured Data

b. Unstructured Data

answer:

10. **What is the equivalent Pseudo Code for the following flowchart?**

answer:

a. 1. Start	b. 1. Start	c. 1. Start	d. 1. Start
2. x = 5, y = 8	2. Input x, y	2. x = 5, y = 8	2. x = 5, y = 8
3. If x < y then	3. If x < y then	3. If x < y then	3. If x < y then
Print y- 6 else Print x	Print y-6 else Print x	Print y-6	Print y-6 else Print x
4. If y <> 2 then	4. If y <> 2 then	4. Print x	4. If y <> 2 then
Increment x by 2	Increment x by 2	5. If y <> 2 then Increment x	Increment x by 2
5. Print x, y	5. Print x, y	by 2	else Print x, y
6. Stop	6. Stop	6. Print x, y	5. Stop
		7. Stop	