


Numerical Methods (MATH2300 PP)

Question 1

Not yet
answeredMarked out of
0.50 Flag question


Iteration method is a ____ method

Select one:

- ☐ a. indirect
- ☒ b. self correcting
- ☐ c. step by step
- ☐ d. direct

[Clear my choice](#)

Question 2


Not yet
answeredMarked out of
0.50 Flag questionIf $f(x) = 0$ has a root between a & b then $f(a)$ & $f(b)$ are of _____ signs

Select one:

- ☒ a. opposite
- ☐ b. positive
- ☐ c. negative
- ☐ d. same

[Clear my choice](#)

Question 3

Not yet
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Intermediate value theorem will be followed in

Select one:

- ☐ a. Secant method
- ☒ b. Bisection Method
- ☐ c. Newton Raphson method


Quiz navigation

1	2	3	4	5	6	7	8	9
10								

[Finish attempt ...](#)Time left **0:09:17**

[Clear my choice](#)

Question 4


Not yet
answeredMarked out of
0.50 Flag question**Error in area of circle is 0.1%, then error in radius will be**

Select one:

- ☐ a.
0.05
- ☐ b.
0.01
- ☐ c.
0.5%
- ☒ d.
0.1%

[Clear my choice](#)

Question 5

Not yet
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_____ method is very fast compared to other methods.

Select one:

- ☐ a. Gauss Seidel
- ☐ b. Gauss Jordan
- ☒ c. Gauss Elimination
- ☐ d. Gauss Jacobi

[Clear my choice](#)

Question 6

Not yet
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_____ errors are due to computational procedure.

Select one:

- ☒ a. Truncation
- ☐ b. Numerical


☐ d. Round off

[Clear my choice](#)

Question 7

Not yet
answered

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0.50

 Flag question

In which of the following methods proper choice of initial value is very important?

Select one:


- ☐ a. Regula Falsi Method
- ☐ b. Bisection Method
- ☒ c. Newton Raphson Method
- ☐ d. Iterative Method

[Clear my choice](#)

Question 8

Not yet
answered

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 Flag question

The order of Newton Raphson Method is _____.

Select one:


- ☐ a. 1
- ☐ b. 3
- ☐ c. 4
- ☒ d. 2

[Clear my choice](#)

Question 9

Not yet
answered

Marked out of
0.50

 Flag question

The order of convergence of Regula-Falsi method is _____.

Select one:

- ☐ a. 1.172
- ☐ b. 2
- ☐ c. 1.17
- ☒ d. 1.618

[Clear my choice](#)

Flag question

- ☐ b. 3
- ☐ c. 4
- ☒ d. 2

[Clear my choice](#)

Question 9

Not yet
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0.50

Flag question

The order of convergence of Regula-Falsi method is _____.

Select one:

- ☐ a. 1.172
- ☐ b. 2
- ☐ c. 1.17
- ☒ d. 1.618

[Clear my choice](#)

Question 10

Not yet
answeredMarked out of
0.50

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Gauss Elimination Method & Gauss Jordan Methods are _____ methods.

Select one:

- ☐ a. indirect
- ☒ b. step by step
- ☐ c. direct
- ☐ d. self correcting

[Clear my choice](#)

Finish attempt ...