Math 222-Quiz-3(53402)

**Choose the correct answer**

1. Let. Find a value between and such that The rate of change of is equal to the average rate of change of

(a) (b) (c) (d)

1. The derivative of is equal to

(a) (b) (c) (d)

1. If then the value of is equal to

(a) (b) (c) (d)

1. Let then at is equal to

(a) (b) 1 (c) (d)

1. The value of , where for which is equal to

(a) (b) (c) 0 (d)

1. Given then the value of is equal to

(a) (b) (c) (d)

1. The average rate of change of from to is equal to

(a) (b) (c) (d)

1. The rate of change of at is equal to

(a) (b) (c) (d) 3.4043

1. If then at is equal to

(a) (b) (c) (d)

1. If , then is equal to

(a) (b) (c) (d)