Rayat Shikshan Sanstha's

D. P. Bhosale College, Koregaon

Department of Mathematics

Notice

Date - 01 / 08 / 2019

All the Students of B.Sc. III are here by informed that the Department of Mathematics has organized the Online Test of **Differential Equation** on 4th August, 2019. Link for the quiz will be sent in Whats-app group. All the Students should attend the Test.

D. P. BHOSALE COLLEGE KOREGAON

Head
Department of Mathematics
D. P. Bhosale College, Koregaon

ONLINE TEST -B.Sc III (Mathematics)

Total points 9/10

Email address *

shilpabhagwat6195@gmail.com

Section score 9/10

Enter Roll number *

2926

Enter Mobile Number *

8806209139

The order of PDE $(\partial^2 z)/(\partial x^2)+x(\partial z/\partial y)^3-4(\partial z/\partial x)=0$ 1/1

- (●) 2
- ( ) 3
- ( ) 4
- ( ) 1

The PDE formed by the relation z=(x+a)(y+b) is 1/1

- ○ z=p+q
- ◉ z=pq
- ○ z=p2q
- ○ z=p-q

The PDE formed by the relation z=F(y/x) is 1/1

- ○ py+qx=0
- ○ px-qy=0
- ◉ px+qy=0
- ○ p+q=0

The metric space ϱ(x,y)=[x-y] for x,y ∈R is called .....metric. 1/1

- ◉ absolute value
- ○ discrete
- ○ positive
- ○ real

If ϱ(x,y)=1 if x≠y =0 if x=y is a metric space. This metric space is called.....metric. 1/1

- ○ absolute value
- ◉ discrete
- ○ positive
- ○ real

In a metric space, any open ball is a..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

Finite intersection of open set is..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

A point z=a at which a function f(z) is not analytic is known as..... 1/1

- ○ Regular Point
- ◉ Singular Point
- ○ analytic Point
- ○ none of the above.

A function ø(x,y) is said to be harmonic z function if x&y satisfy..... 0/1

- ○ Cauchy-Reimann equation
- ○ Exact differential equation
- ○ Laplace equation
- ◉ Polar equation

A continuous arc without multiple point is called 1/1

- ○ Jordan arc
- ○ rectifiable arc
- ◉ continuous arc
- ○ none

ONLINE TEST -B.Sc III (Mathematics)

Total points 9/10

Email address *

priyankachavan1803@gamil.com

Section score 9/10

Enter Roll number *

2927

Enter Mobile Number *

9552220686

The order of PDE $(\partial^2 z)/(\partial x^2)+x(\partial z/\partial y)^3-4(\partial z/\partial x)=0$ 1/1

- (●) 2
- ( ) 3
- ( ) 4
- ( ) 1

The PDE formed by the relation z=(x+a)(y+b) is 1/1

- z=p+q
- z=pq
- z=p2q
- z=p-q

The PDE formed by the relation z=F(y/x) is 1/1

- py+qx=0
- px-qy=0
- px+qy=0
- p+q=0

The metric space ϱ(x,y)=[x-y| for x,y ∈R is called .....metric. 1/1

- absolute value
- discrete
- positive
- real

If ϱ(x,y)=1 if x≠y =0 if x=y is a metric space. This metric space is called.....metric. 1/1

- absolute value
- discrete
- positive
- real

In a metric space, any open ball is a..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

Finite intersection of open set is..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

A point z=a at which a function f(z) is not analytic is known as..... 1/1

- ○ Regular Point
- ◉ Singular Point
- ○ analytic Point
- ○ none of the above.

A function ø(x,y) is said to be harmonic z function if x&y satisfy..... 0/1

- ○ Cauchy-Reimann equation
- ○ Exact differential equation
- ○ Laplace equation
- ◉ Polar equation

A continuous arc without multiple point is called 1/1

- ○ Jordan arc
- ○ rectifiable arc
- ◉ continuous arc
- ○ none

ONLINE TEST -B.Sc III (Mathematics)

Total points 8/10

Email address *

truptichavan324@gmail.com

Section score 8/10

Enter Roll number *

2928

Enter Mobile Number *

9604581957

The order of PDE $(\partial^2 z)/(\partial x^2)+x(\partial z/\partial y)^3-4(\partial z/\partial x)=0$ 1/1

- (●) 2
- ( ) 3
- ( ) 4
- ( ) 1

The PDE formed by the relation z=(x+a)(y+b) is 1/1

- z=p+q
- [x] z=pq
- z=p2q
- z=p-q

The PDE formed by the relation z=F(y/x) is 1/1

- py+qx=0
- px-qy=0
- [x] px+qy=0
- p+q=0

The metric space ϱ(x,y)=[x-y] for x,y ∈R is called .....metric. 1/1

- [x] absolute value
- discrete
- positive
- real

If ϱ(x,y)=1 if x≠y =0 if x=y is a metric space. This metric space is called.....metric. 1/1

- absolute value
- [x] discrete
- positive
- real

In a metric space, any open ball is a..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

Finite intersection of open set is..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

A point z=a at which a function f(z) is not analytic is known as..... 1/1

- ○ Regular Point
- ◉ Singular Point
- ○ analytic Point
- ○ none of the above.

A function ∅(x,y) is said to be harmonic z function if x&y satisfy..... 0/1

- ○ Cauchy-Reimann equation
- ○ Exact differential equation
- ◉ Laplace equation
- ○ Polar equation

A continuous arc without multiple point is called 0/1

- ○ Jordan arc
- ○ rectifiable arc
- ○ continuous arc
- ◉ none

ONLINE TEST -B.Sc III (Mathematics)

•

Total points 8/10

Email address *

akchinake61298@gmail.com

Section score 8/10

Enter Roll number *

2929

Enter Mobile Number *

7887951248

The order of PDE $(\partial^2 z)/(\partial x^2)+x(\partial z/\partial y)^3-4(\partial z/\partial x)=0$ 1/1

- (•) 2
- ( ) 3
- ( ) 4
- ( ) 1

The PDE formed by the relation ... 1/1

The PDE formed by the relation z=(x+a)(y+b) is 1/1

- ○ z=p+q
- ◉ z=pq
- ○ z=p2q
- ○ z=p-q

The PDE formed by the relation z=F(y/x) is 1/1

- ○ py+qx=0
- ○ px-qy=0
- ◉ px+qy=0
- ○ p+q=0

The metric space ϱ(x,y)=[x-y] for x,y ∈R is called .....metric. 1/1

- ◉ absolute value
- ○ discrete
- ○ positive
- ○ real

If ϱ(x,y)=1 if x≠y =0 if x=y is a metric space. This metric space is called.....metric. 1/1

- ○ absolute value
- ◉ discrete
- ○ positive
- ○ real

In a metric space, any open ball is a..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

Finite intersection of open set is..... 1/1

- ○ continuous set
- ○ convergent set
- ○ closed set
- ◉ open set.

A point z=a at which a function f(z) is not analytic is known as..... 1/1

- ○ Regular Point
- ◉ Singular Point
- ○ analytic Point
- ○ none of the above.

A function ø(x,y) is said to be harmonic z function if x&y satisfy..... 0/1

- ○ Cauchy-Reimann equation
- ○ Exact differential equation
- ◉ Laplace equation
- ○ Polar equation

A continuous arc without multiple point is called 0/1

- ○ Jordan arc
- ○ rectifiable arc
- ○ continuous arc
- ◉ none