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.



Aclunkhe

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

- О 3
- 04
- O_1

real

(

C

:

continuous set

) convergent set

) closed set

open set.

Finite intersection of open set is.....

1/1

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 ^{1/1} as.....



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
O Cauchy-Reimann equation	
O Exact differential equation	
O Laplace equation	
Polar equation	
 A continuous arc without multiple point is called Jordan arc rectifiable arc continuous arc none 	1/1

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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 *

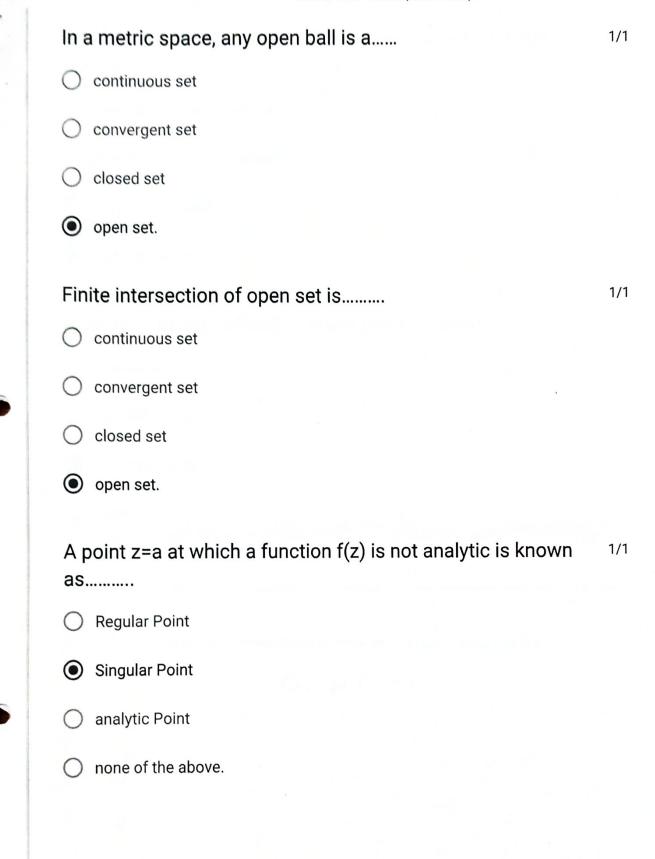
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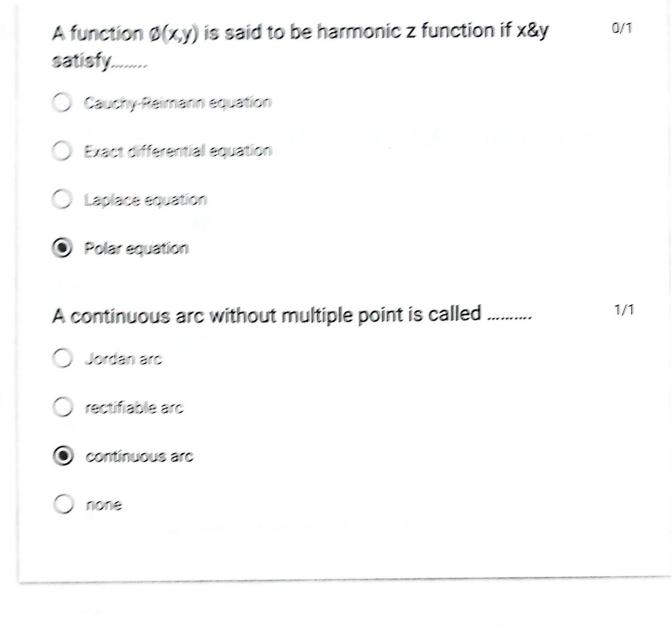
The order of PDE ($\partial^2 z$)/(∂x^2)+x ($\partial z/\partial y$)^3-4($\partial z/\partial x$)=0 1/1

2

- 3
- 04
- $\bigcirc 1$

:





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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

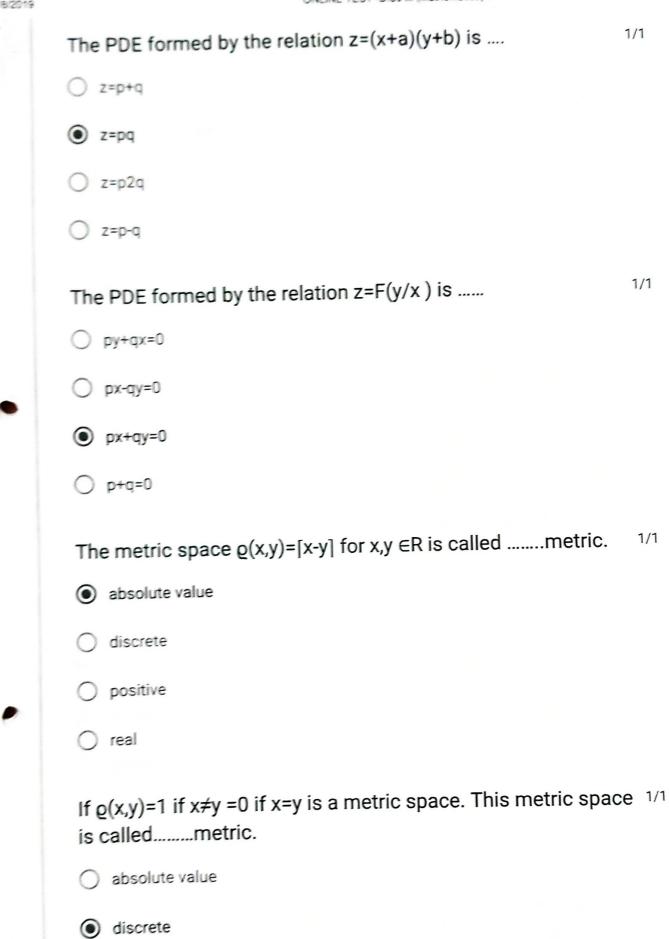
The order of PDE $(\partial^2 z)/(\partial x^2) + x (\partial z/\partial y)^3 - 4(\partial z/\partial x) = 0$

1/1

2

- 3
- 04
- O_1

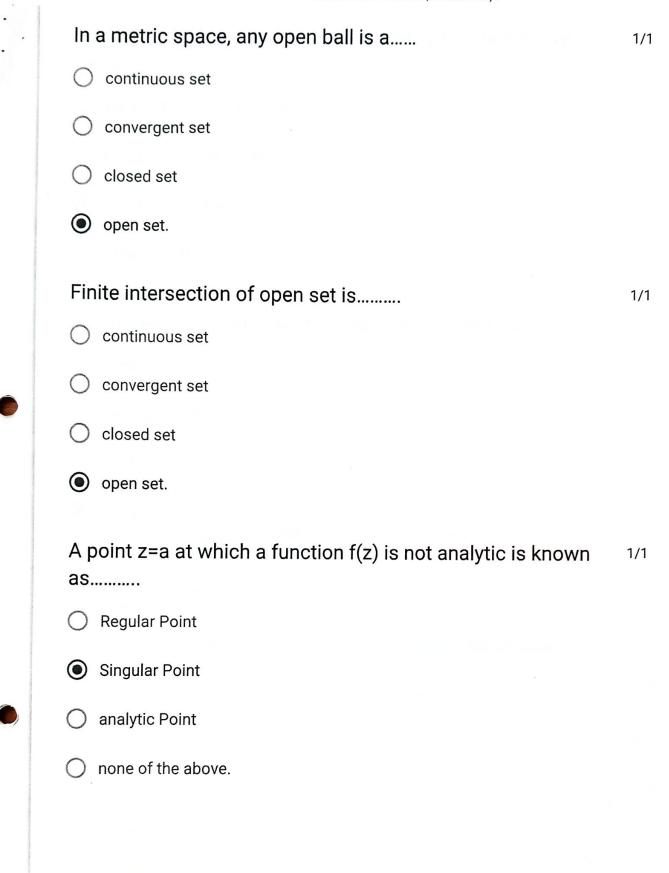
1



positive

real

:



:

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

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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 ($\partial^2 z$)/(∂x^2)+x ($\partial z/\partial y$)^3-4($\partial z/\partial x$)=0 1/1
2
O 3
○ 4
O 1

1 of 1

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

 $z=p+q$
 $z=p2q$
 $z=p-q$
 $z=p-q$

 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 $\varrho(x,y)=[x-y]$ for $x,y \in \mathbb{R}$ is calledmetric.
 1/1

 \bullet absolute value
 $discrete$
 $positive$
 $real$

 If $\varrho(x,y)=1$ if $x\neq y=0$ if $x=y$ is a metric space. This metric space $1/1$ is called.......metric.

 \bullet absolute value

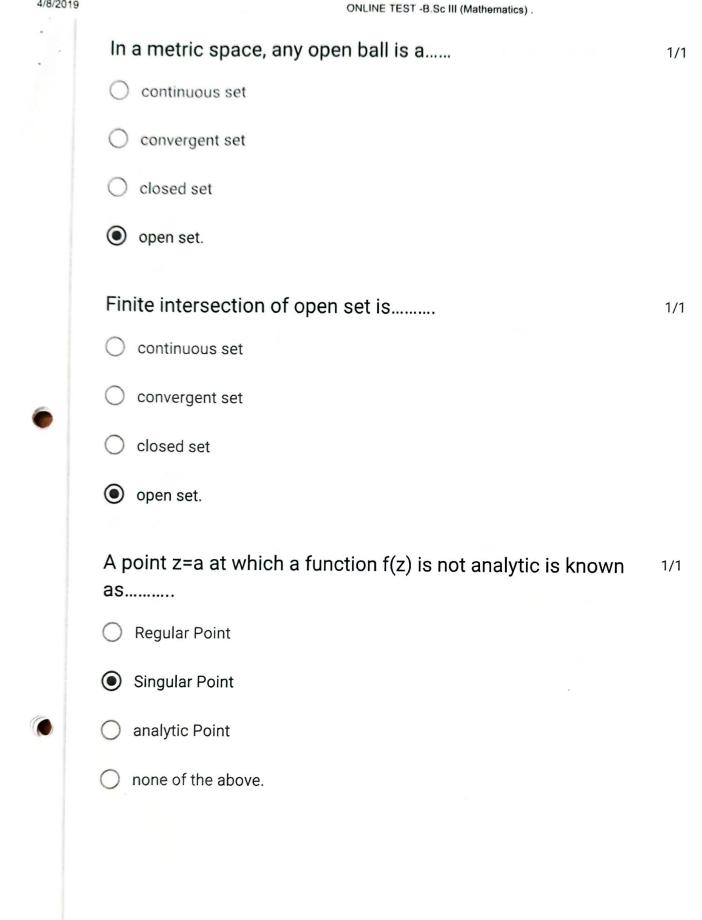
 \bullet discrete

 $positive$
 \bullet real

 If $\varrho(x,y)=1$ if $x\neq y=0$ if $x=y$ is a metric space. This metric space $1/1$ is called........

O real

1





A function Ø(x,y) is said to be harmonic z function if x&y satisfy......

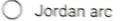




Laplace equation



A continuous arc without multiple point is called 0/1



rectifiable arc

continuous arc

Inone

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