

line

8- Irrational numbers are

Ans- Can't be written as fraction

9- The null set is designated with the symbol.

Ans-

 ϕ

BLn%

10- Range of $A = [(0,2) (2,4) (3,4) (4,5)]$ is

Ans-

Rang of $A = (0,2,3,4)$ not conform

11- If A and B are matrices, then which from the following is true.

Ans:-

 $AB \neq BA$

12- Graph is symmetric with respect to the origin is the graph of an.

Ans:-

odd function

13- An unordered collection of distinct objects.

Ans:-

Set

14- Sets are generally represented by.

Ans:-

Capital letters

Quiz STA100

- ⑧ Irrational number are
Can't be written as fraction
- ⑨ The null is designated with symbol $\emptyset$
- ⑩ Range of $A = [(0,2), (2,4), (3,4), (4,5)]$ is
2, 4, 5
- ⑪ If A and B are Matrices Then which
form the following is true
 $AB \neq BA$
- ⑫ Graph is Symmetric with respect to the
origin is the graph of
odd Function
- ⑬ An unordered Collection of distinct
objects . Set
- ⑭ Set is generally represented by.
Capital letter
- ⑮ If $F(-x) = F(x)$ for every number x
is domain of F is
even Function



My status

Just now

Quiz STA100

1. If we solve $ax^2+bx+c=0$.
By completing square it
gives us.

Ans. quadratic formulae.

2. Set of rational number is
denoted by (Q)

3. 0.3333 is (rational
number)

4. If $f(-x) = f(x)$ for every value
of x then it is (even function)

5. An unordered collection of
distinct object is (set)

Questions same arahee hay
only 3 questions different
hoo gee

Quiz STA 100

- ①⑥ The Set Consist of member of Pre-image or input of function Called Domain
- ①⑦ Two Set A and B are equal if (all element of Set A are in Set B).
 $A \subseteq B$ and $B \subseteq A$
- ①⑧ Cardinality of Set A is denoted by.
 $|A|$
- ①⑨ $\{x/x < 6 \text{ } x \text{ is Counting number}\}$ is an example of Set builder.
- ②⑦ If $b^2 - 4ac < 0$
There will be no real Solution.
- ②① $(a+bi) + (c+di)$
 $(a+c) + (b+d)i$
- ②② $i(3i+2) = 2$

15- If $f(-x) = f(x)$ for every number x in domain of f , then f is

Ans:-

Even function

16- The set consisting of members of the pre-image or inputs of a function is called.

Ans:-

Domain

17- Two sets A and B are equal if.

Ans:-

$A \subseteq B$ and $B \subseteq A$.

if all elements of set A are in set B

18- Cardinality of Set A is denoted by.

Ans:-

$|A|$

① Number in form $z = a + bi$ where $a, b \in \mathbb{R}$ and $i = \sqrt{-1}$ is called a **Complex number**.

② If a function is to have an inverse which is also a function then it must be **One to one**.

$(A \cap B) \cap C = B \cap (A \cap C)$ **Associative of intersection**

The null set designated with the symbols

Irrational numbers are **Can't be written as fraction**.

If every element of set A is an element of set B is denoted by

0.333333 is **Rational numbers**.

Range of $A = \{(0, 2), (2, 4), (3, 4), (4, 5)\}$ is

Math type: MTEF12!f+7.

feaagpait 1ev 2aal CVA Ufe Bsiuv2L—

Stat 100 Quiz #1

1- Axis of symmetry in form of vertical line separates parabola into

Ans- Two equal halves.

2- %Mth type!MTEF!2!1!+-%

feaaaaat1ev2aaatCvAUfeBSiuvZL2vd9azLbvNv2CaexbuLwBLn%

Ans-

3- 0.333333 is

Ans-

Rational number

4- Number in form $z = a + bi$ where $a, b \in \mathbb{R}$ and $i = \sqrt{-1}$ is called a

Ans-

Complex number

5- $(A \cap B) \cap C = B \cap (A \cap C)$

Ans-

Associative property of intersection

6- If a function is to have an inverse which is also a function then it must be

Ans-

One to One function

7- If every element of set A is an element of set B is denoted by

Ans-

$A \subseteq B$

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Quiz.1

STA100.

- ① Axis of Symmetry in form of Vertical Separates parabola into Two equal Halves
- ② % Math Type ! MTEF! 2! 1! ± 7.
fcaaaart 1ev2aaat CvAufeBsiuv2L2vd9a2
LbVVNV2CaerbuLWBLn%.
- ③ 0.3333 is = Rational Number
- ④ Number in form $z = a + bi$ where $a, b \in \mathbb{R}$ and $i = \sqrt{-1}$ is called Complex Number.
- ⑤ $(A \cap B) \cap C = B \cap (A \cap C)$.
Associative Property of intersection
- ⑥ If every element of Set A is the element of Set B is denoted by $A \subseteq B$
- ⑦ If a function is to have one inverse which is also a function Then it must be? one to one function.

Axis of symmetry in form of vertical line separates parabola into Two equal halves?

39. The graphs of quadratic functions will form parabola.

40. The solution of quadratic equations are also roots.

36) Object in Set are called.

37) Given Complex No $Z = a + ib$ its Conjugate is
 $Z = a - ib$

38) Quadratic function also called.
Co-efficient.

Quiz STA 100

23) Mapping where two or more Number of pre-image mapped to exactly one no of image.

Many one relation

24) The Quadratic formula for $ax^2 + bx + c = 0$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

25) We can add two matrices having real number A and B if their
Order is same.

26) Root of $x^2 + 8x + 12$
 $-2, -6$

27) If order of Matrix A is $m \times p$ and the order of B is $p \times n$ Then order of matrix AB is
 $m \times n$

28) Set of rational Number is denoted by
 $\mathbb{Q}$.

29) The Solution of Quadratic equat also called
Roots

Tehreem Fatima

- Axis of symmetry in form of vedic spreaded parabola into two equal halves
1. 0.3333 is a Rational number.
 2. $i = \sqrt{-1}$ is called imaginary number.
 3. Number in form $z = a + bi$ where $a, b \in \mathbb{R}$ & $i = \sqrt{-1}$ called complex number.
 4. $(A \cap B) \cap C = B \cap (A \cap C)$. Associative property of intersection.
 5. If function is to have an inverse which also function one to one function.
 6. If every element of set A is an element of set B is denoted $A \subseteq B$.
 7. Irrational numbers are can't be written as fraction.
 8. The null set designated with symbol $\emptyset$.
 9. If A & B are matrices, then which form is true $AB \neq BA$.
 10. If 2 set A & B are given, set consisting of all element which either A or B or in both A & B. $A \cup B$.
 11. In quadratic equation, when a is positive then graph of an Odd function.
 12. Graph is symmetric with respect to origin is graph of an Odd function.
 13. An unordered collection of distinct object Set.
 14. Sets are generally represented by Capital letters.
 15. If we solve $ax^2 + bx + c = 0$ by completing square it gives us Quadratic formula.
 16. Set of rational numbers is denoted by $\mathbb{Q}$.
 17. If $f(-x) = f(x)$ for every value of x then it is Even function.
 18. If $b^2 - 4ac < 0$, there will be NO real solution.
 19. Cardinality of set A $|A|$.
 20. The set consisting of members of function is called Domain.
 21. Two sets A & B are equal if $A \subseteq B$ and $B \subseteq A$.
 22. $(a + bi) + (c + di) = (a + c) + (b + d)i$.
 23. $\{x | x \in \mathbb{N} \text{ and } x \text{ is counting number}\}$ is exple of Set builder method.
 24. We can add two matrix having real numbers A and B if the order is same.
 25. The Quadratic formula for $ax^2 + bx + c = 0$ $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$.
 26. Mapping where two or more member of preimage is mapped to exactly one member of image. many-one relation.
 27. $2(32 + 2) = 68$.
 28. If order matrix A is $m \times p$ & order of B is $p \times n$, then order of matrix $m \times n$.
 29. Range of $A = [(0, 2), (2, 4), (3, 4), (4, 5)]$ is Range of A $(0, 2, 3, 4, 5)$.
 30. Roots of $x^2 + 8x + 12$ are $-2, -6$.
 31. If matrix has equal number of column & rows then it's Square matrix.
 32. Which of following property of matrix multiplication correct All mentioned.
 33. Object in set are called Elements.
 34. Two set A & B contain these element which are of A or B $A \cup B$.
 35. Given $\mathbb{Z}^+$.



QUIZ #2

STAT 100

- 1) If the grading of diabetes is classified as mild moderate - **Ordinal**.
- 2) The cumulative frequencies are plotted against the **Upper class boundaries**.
- 3) The measure of central tendency listed below is **The mean**.
- 4) Taking the relevant root of the product of all non-zero - **Geometric mean**.
- 5) A measure used to describe a characteristic of population - **Parameter**.
- 6) Co-efficient of quartile deviation - **None**.
- 7) A measurement that corresponds to largest frequency - **Mode**.
- 8) The measure of dispersion which uses only two observations - **Range**.
- 9) If the total sum of square is 20 and the sample N is 5 then - **4**.
- 10) Method used to compute average **M.S. tendency**.
- 11) The ordinal level of measurement - **Level of crime**.
- 12) Ordinal scales have the property of **Ranking**.
- 13) Mode of 0, 0, 2, 2, 3, 3, 8, 10 is **0**.
- 14) The range of the given score - **140**.
- 15) If A, G, H are the arithmetic, geometric - **A7G7H**.
- 16) ~~16~~

Is say hay