

Question QMC1 : List the elements of the set <img
src="@@PLUGINFILE@@/Picture1.png" alt=""/>

Answer:

Question QMC2 : List the elements of the set <img
src="@@PLUGINFILE@@/Picture7.png" alt=""/>

Answer:

Question QMC3 : The vertical line “<math
xmlns="http://www.w3.org/1998/Math/MathML" ><mi> </mi><mfenced open="|" close=""
separators="|"><mrow><mi> </mi></mrow></mfenced></math>” in <img
src="@@PLUGINFILE@@/Picture12.png" alt=""/> is read as…

Answer:

Question QMC4 : The set <img src="@@PLUGINFILE@@/Picture13.png"
alt=""/>in set – builder form is written as…

Answer:

Question QMC5 : Which of the following is true of the set <img
src="@@PLUGINFILE@@/Picture18.png" alt=""/>

Answer:

Question QMC6 : The set <img src="@@PLUGINFILE@@/Picture23.png"
alt=""/>is …

Answer:

Question QMC7 : Which of the following sets is not finite?

Answer:

Question QMC8 : If

Answer:

Question QMC9 : Let
Then

Answer:

Question QMC10 : Which of the following is true of <img
src="@@PLUGINFILE@@/Picture36.png" alt=""/>

Answer:

Question QMC11 : $$<img
src="
VQ4je2RyQ3AMAgEqYuCqIdqaIZikocPQGArUV6RzMvHDrsIuF4WHOAbIATIugWUEVyR7ByaeGqEFgw4g
QVQRmSNbxEQ8t2E2kUZkwnMPNZLaJwLD0gfLU4VtHYYcfaAzWBxUtIA9PF8nLJ/
2oPFUcZCHjfdl7VddHSoJWuHR3WAnwI3QJEV6KtIG9AAAAAASUVORK5CYIIA" alt=""> is a
subset of…

Answer:

Question QMC12 : Two sets A and B are not comparable if <img
src="@@PLUGINFILE@@/Picture38.png" alt=""/>and …

Answer:

Question QMC13 : Which of the following is true of <img
src="@@PLUGINFILE@@/Picture43.png" alt=""/>

Answer:

Question QMC14 : One of the following is not a family of sets

Answer:

Question QMC15 : The power set of a set M is denoted by…

Answer:

Question QMC16 : If M has n elements, then the power set of M has ____
elements

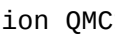
Answer:

Question QMC17 : If A and B have no elements in common, then

Answer:

Question QMC18 : In human population studies, the universal set consists of …

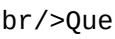
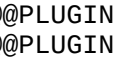
Answer:

Question QMC19 : Let  <math xmlns="http://www.w3.org/1998/Math/MathML"><mi> </mi><mi>a</mi><mi>n</mi><mi>d</mi><mi> </mi><mi> </mi></math>then E and F are …

Answer:

Question QMC20 : In an axiomatic development of plane Euclidean geometry, “points” and “lines” are …

Answer:

Question QMC21 : Two sets A and B are equal if every  belongs to B and every  belongs to A. This is called …

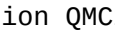
Answer:

Question QMC22 : Which word is the odd one out in set notation

Answer:

Question QMC23 : Which of the following concisely defines the union of A and B?

Answer:

Question QMC24 :  is read as…

Answer:

Question QMC25 : Which of the following is not true in set operations

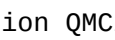
Answer:

Question QMC26 : The difference of A and B may also be defined concisely by A – B = …

Answer:

Question QMC27 : Let R be the set of real numbers and let Q be the set of rational numbers. Then R – Q consist of the…

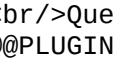
Answer:

Question QMC28 : 

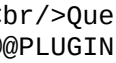
Answer:

Question QMC29 : The set – theoretic product of A and B is denoted by …

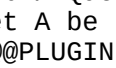
Answer:

Question QMC30 : The notation A/B or  represents …

Answer:

Question QMC31 : Let the universal set be 

Answer:

Question QMC32 : Let the universal set be the set of positive integers and let A be the set of the positive even numbers. Find 

Answer:

Question QMC33 : Given that A = {0, 1} and B = {1, 2, 3}.

Answer:

Question QMC34 : Find if A = {0, 1} and B = {1, 2, 3}.

Answer:

Question QMC35 : Find A – B if A = {0, 1} and B = {1, 2, 3}

Answer:

Question QMC36 : Find if A = {0, 1}

Answer:

Question QMC37 : Find if A = {0,1}

Answer:

Question QMC38 : Find if the universal set is {1, 2, 3, 4} and A = {2, 3}.

Answer:

Question QMC39 : The number of elements in the Power set is

Answer:

Question QMC40 : If A and B are sets and then

Answer:

Question QMC41 : The union of the sets {1,2,5} and {1,2,6} is the set .....

Answer:

Question QMC42 : The intersection of the sets {1,2,5} and {1,2,6} is the set ……

Answer:

Question QMC43 : Two sets are called disjoint if their …….. is empty set.

Answer:

Question QMC44 : Which of the following two sets are disjoint?

Answer:

Question QMC45 : The complement of the set A is ……..

Answer:

Question QMC46 : Individual objects in a set are called ……..

Answer:

Question QMC47 : Set {x: x is an odd number between 10 and 18}

Answer:

Question QMC48 : Let A = {1, 2, 3, 4}, B = {2, 4, 6, 8} and C = {3, 4, 5, 6}. Find

Answer:

Question QMC49 : Find the equation of the circle centre (2, - 3) and radius 4

Answer:

Question QMC50 : Find the distance between the points Z₁ and Z₂, given that and

Answer:

Question QFB1 : A _____ is any well-defined class of objects

Answer: Set

Question QFB2 : The set is read as _____

Answer: A is the set of numbers x such that x is even

Question QFB3 : Given the equation 9x²-16y²= 44, the intersection
on x-axis is _____

Answer: 4

Question QFB4 : A set is ___ if it consist of a specific number of elements

Answer: Finite

Question QFB5 : If in counting the different members of a set, the counting process does not come to an end, then the set is ____

Answer: Infinite

Question QFB6 :

Answer: U

Question QFB7 : If then B is the ____ set

Answer: Empty

Question QFB8 :

Answer: Empty

Question QFB9 : If then there is at least ____ element in A that is not in B

Answer: One

Question QFB10 : The ____ set is considered to be a subset of every set

Answer: Empty

Question QFB11 : _____ is the locus of points equidistant from a fixed point

Answer: Circle

Question QFB12 :

Answer: 7+5i

Question QFB13 : If b² – 4ac = 0, then the solutions of the quadratic equation ax² + bx + c are real and _____

Answer: Equal

Question QFB14 : The common ratio of 2, 6, 18, 54, . . . is _____

Answer: 3

Question QFB15 : The _____ sequence is a sequence in which each term differs by a common difference

Answer: Arithmetic

Question QFB16 : If a set A is finite, then it is necessarily ____

Answer: Bounded

Question QFB17 : (3, 10) is an ____ interval

Answer: Open

Question QFB18 : The intersection of two intervals is also an _____

Answer: Interval

Question QFB19 : <img src="@@PLUGINFILE@@/Picture7.png"
alt=""/>implies that where I is
an interval

Answer: I

Question QFB20 : and
_____ have identical meaning

Answer: |x|<5

Question QFB21 : If a < b and c < 0, then _____

Answer: |x|

Question QFB22 : The set of complex numbers is a superset of the set
of ____ number

Answer: Real

Question QFB23 : The number 0 is itself neither positive nor ____

Answer: Negative

Question QFB24 :

Answer: B–A

Question QFB25 :

Answer: A'

Question QFB26 :

Answer: U

Question QFB27 :

Answer: A

Question QFB28 :

Answer: {0, 1}

Question QFB29 :

Answer: null

Question QFB30 : <math
xmlns="http://www.w3.org/1998/Math/MathML"><mi><img
src="
VR4nO2b25mEIAyFrYuCqIdqaIZi3AdFuSSYQND5lpyn3RmFY34IGJ1tV62h7WsDqpekpFeRkl5FSnoVz
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WU44wL0/38XwVnNjyGc0l72+gaOFZJDwsN+UzSwRnKZD6lpIWEhH0iaQz0kWQOJWiVtJi8BQI/
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IJ7DZxdkF0d6SOz8w3pj+Y0r+t2Q3c7xz9kFj0GKI0XJL0tUMPphEUaS2XwJaUbbYJapO+OradMqNh1P
K9xQnpN7XZP6N4SxiPDQHkeDXSzEkGqnEjNaeYiveOks/
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59Pk5CFSfWorpi+fTcMHC+mLBjYcraRG9TRre7N/
FzSL7KWkxvb0jY75fpKSlBEfy7Tf7E7r6bugMoUXO6b/WOW/87srM/
Q6wvjEoqzzUpd79Bd6cEo2KIv2t5SpS0qtISa8iJb2KlPQqUtKr6A+L8yN9ynPoYAAAAABJRU5ErkJgg

gA=" alt=""> </mi></math>is the set of _____ numbers

Answer: Rational

Question QFB31 :

Answer: Disjoint

Question QFB32 :

Answer: Proper

Question QFB33 : The members of a family of sets are ____

Answer: Sets

Question QFB34 : In plane geometry, the universal set consists of all the ____ in the plane

Answer: Points

Question QFB35 : Let M = {a, b}, then 2^M = 4, the value of M is _____

Answer: 2

Question QFB36 : A = {1, 3, 7, 8} and B = {2, 4, 7, 9} are not disjoint since ____ is in both sets

Answer: 7

Question QFB37 : In an axiomatic development of a branch of mathematics, one begins with ____

Answer: Undefined terms

Question QFB38 : Two different lines cannot contain more than one point in ___

Answer: Common

Question QFB39 : The _____ set, contains no elements and is a subset of every set

Answer: Null

Question QFB40 : Although physically, it might be impossible to count the number of people on the earth, the set is still _____

Answer: Finite

Question QFB41 : The ____ is the set of all elements which belong to A or to B or to both

Answer: Union

Question QFB42 : ____ is usually read “A union B”

Answer: AUB

Question QFB43 : The union of A and B is sometimes denoted by A + B and is called the set theoretic sum of A and _____

Answer: B

Question QFB44 : The ______ is the set of elements which are common to A and B

Answer: Intersection

Question QFB45 :

Answer: B

Question QFB46 :

Answer: H

Question QFB47 : The _____of sets A and B is the set of elements which belong to A but which do not belong to B

Answer: Difference

Question QFB48 : The _____ of a set A is the set of elements that do not belong to A

Answer: Complement

Question QFB49 : E = {2, 4, 6, . . . } is the set of _____

Answer: Even numbers

Question QFB50 : P = {1, 2, 3, . . . } is the set of _____

Answer: Natural numbers