



Smart Guess & Test Papers

Student Name \_\_\_\_\_ Father Name \_\_\_\_\_ Roll Number \_\_\_\_\_

Class: 1st /year - Mathematics Marks : 45 Exam Format : Chapter Wise MCQs

Time : notespk.com\_Nauman Sadaf | Date \_\_\_\_\_ Examiner Sig \_\_\_\_\_ Chapter#: 1

MCQ's		S/Q		L/Q		Total	
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Objective Type

1. Encircle the Correct Option. (1 x 45 = 45)

1. درست جواب کے کرد دائرہ لگائیں۔

1) Zero is a/an

a) Odd integer	b) Even integer	c) Natural integer	d) Irrational integer
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2) Every integer is also

a) Irrational number	b) Even integer	c) Odd integer	d) Rational number
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3) Every natural number is also

a) Irrational number	b) Odd integer	c) Positive integer	d) Rational number
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4) Every Odd integer is also

a) Rational number	b) Negative integer	c) Positive integer	d) Irrational number
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5) The solution of the equation  $x^2 = 2$  always lies in

a) integers	b) Real number	c) Irrational number	d) Rational number
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6) The product of rational and irrational number is

a) Rational number	b) Irrational number	c) Integer	d) All
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7) The sum of rational and irrational number is always

a) Rational number	b) Irrational number	c) Integer	d) All
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8) Every recurring decimal represent

a) Real number	b) Irrational number	c) Rational number	d) Complex number
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9) Every non-terminating and non-recurring decimal represent

a) Rational number	b) Irrational number	c) Real number	d) Complex number
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10) 2.3333..... represent a/an

a) Rational number	b) Irrational number	c) Complex number	d) Real number
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11)  $\pi$  is ----- number

a) A rational number	b) an irrational number	c) Complex number	d) Real number
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12) The common fraction equivalent to recurring decimal 0.333 -----is

a) 33/100	b) 1/3	c) 33/100	d) 3/10
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13) The constant ratio of the circumference of any circle to the length of its diameter is

a) 2.7182	b) pi	c) e	d) 7/22
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14) 1.4142135 is a/an

a) Rational number	b) Irrational number	c) Natural	d) Odd
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15)  $\sqrt{n}$  where n is a prime, is a/an \_\_\_\_\_ number

a) Rational	b) Irrational	c) Real	d) Complex
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16)  $\sqrt{7}$  is a/an \_\_\_\_\_ number.

a) Rational	b) Irrational	c) Prime	d) Real
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17) Which of the following are a binary equations.

a) +,x	b) + , $\int$	c) +, derivative	d) -,derivative
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18) Which of the following has closure property with respect to addition.

a) {0}	b) {-1,0}	c) {-1}	d) {-1,1}
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19) Which of the following has closure property with respect to multiplication.

a) {-1,1}	b) {-1}	c) {1}	d) {0}
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20) The set of {0,1} is closed under

a) addition	b) subtraction	c) multiplication	d) Division
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21) Which of the following set is closed under addition.

a) $\{0\}$	b) $\{1\}$	c) $\{-1,1\}$	d) All
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22) The additive identity element in the set of whole number is .

a) 2	b) 4	c) -1
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23) The multiplicative identity element of natural number is

a) 1	b) 2	c) 3
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24) The additive inverse of non-zero real number 'a' is

a) a	b) -a	c) $1/a$
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25) The multiplicative inverse of non-zero number 'a' is

a) a	b) -a	c) $1/a$
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26)  $a(b-c) = ab-ac$  is called

a) Multiplicative property	b) Associative property	c) Trichotomy property	d) Distributive property of multiplication over subtraction
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27) The direction of an inequality will be reversed if it is multiplied on both sides by a

a) Positive number	b) Negative number	c) Zero	d) Any number
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28) The imaginary part of  $i$  is

a) 1	b) $i$	c) -1
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29) Which of the following does not satisfy the order axiom?

a) Complex number	b) Real number	c) Rational number	d) Integers
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30) Any complex number ' $ai$ ' can be written in order pair form as

a) $\{i,0\}$	b) $\{0,a\}$	c) $\{a,0\}$	d) $\{a,1\}$
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31)  $i$  can be written as

a) $\{1,0\}$	b) $\{0,1\}$	c) $\{-1,0\}$	d) $\{0,-1\}$
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32)  $i^5 =$

a) 1	b) $i$	c) -1	d) - $i$
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33)  $(-i)^{19} =$

a) $i$	b) -1	c) - $i$	d) 1
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34)  $(7,9) + (3,-5) =$

a) 14	b) (10,4)	c) (10,5)	d) (4,10)
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35) Product of a complex number and its conjugate is

a) Real number	b) Complex number	c) 1
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36)  $(2,6)(3,7) =$

a) (32,36)	b) (15,-9)	c) (-36,32)	d) (10,4)
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37) the conjugate of  $1+i$  lies in \_\_\_\_\_ quadrant .

a) 1st	b) 2nd	c) 3rd	d) 4th
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38) The product of real number and  $i$  is  $a/an$

a) imaginary number	b) Real number	c) Integers	d) Rational
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39) Which of the following does not hold good in complex numbers?

a) Equality	b) Order property	c) Additive property	d) Multiplicative property
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40) Modulus of complex number  $3-4i =$

a) 4	b) 5	c) -5
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41) Geometrically,the modulus of a complex number represents its distance from the point

a) (0,0)	b) (1,1)	c) (0,1)	d) (1,0)
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42) The real part of  $3+4i$  is

a) $4i$	b) 4	c) 3	d) $3i$
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43)  $(0,3)(0,5) =$

a) (0,0)	b) (0,10)	c) (10,0)	d) (0,15)
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44) The complex number  $-5-6i$  lies in \_\_\_\_\_ quadrant

a) 3rd	b) 2nd	c) 1st	d) 4th
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45) The real numbers between 0 and 1 are

a) Countable	b) Finite	c) Infinite	d) None of these
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