KPS School and College Haroonabad

Class: 7th   Objective   Paper: Mathematics

T.M:100

Qno1: Encircle the correct option   24x2=48

1:Roster form is also called.

A	Tabuler form	B	Descriptive	C	Set Builder notation	D	Finit Set

2: $\in$ Mean?

A	Such That	B	Belongs To	C	And	D	or

3:V Mean

A	Such That	B	And	C	Or	D	Belongs To

4: Vertical line in a set is read as.

A	Or	B	And	C	Such that	D	Belongs to

5: C Represents the number

A	Whole	B	Composite	C	Prime	D	integers

6: Venn Diagrams are also called set.

A	Universal	B	Proper	C	Subset	D	Diagrams

7: English mathematic an John Venn died?

A	1921	B	1922	C	1923	D	1924

8: $A \cup \phi =$

A	A'	B	$\cup$	C	ϕ	D	A

9:Rectangular region in a Venn diagrams represents sets.

A	Disjoint	B	Common	C	Universal	D	Over Lapping

10:The Symbol for denoting union of set is.

A	$\cap$	B	$\cup$	C	$\wedge$	D	$\vee$

11:Reciprocal of $\dfrac{3}{4}$ is

A	$\dfrac{3}{4}$	B	3	C	5	D	$\dfrac{4}{3}$

12:Reciprocal of Zero is

A	0	B	1	C	2	D	3

13:Additive inverse of "a" is

A	0	B	-a	C	a	D	b

14: $(-) \times (+) = ?$

A	+	B	-	C	X	D	$\div$

15:The Number $\dfrac{a}{b}$ is a rational number where "a" and "b" are integers and b is _____?

A	Zero	B	Not zero	C	Less then zero	D	one

16:A rational number is a number then can be represents in the form of

A	1,P	B	2,q	C	$\dfrac{1}{2}, \dfrac{P}{q}$	D	0 P,q

17: $\dfrac{24}{21}$ is equilent to _____?

A	$\dfrac{8}{7}$	B	$\dfrac{7}{8}$	C	$\dfrac{2}{21}$	D	$\dfrac{3}{2}$

18:The word decimals means.

A	Eight	B	Nine	C	Ten	D	eleven

19:the word decimal is derived from the word?

A	Greek	B	Latin	C	Turkish	D	Chinese

20:The Symbol $\approx$ stand for

A	Equal to	B	Approximate	C	Not equal	D	Belongs to

21:Exponents are also called

A	Base	B	Variable	C	Power	D	Value

22: $2^4 = 16$ where 2 is

A	Power	B	Base	C	Value	D	Variable

23:If we sound off 1.4567 to 3 decimal planner we get.

A	1.456	B	1.4567	C	1.457	D	1.455

24:The result of any calculation is

A	Power	B	Base	C	Value	D	None

Qno 2: Write any five set in descriptive form.   6

Qno 3:Find Union of the following Set.

E= $\{2,4\}$ $F = \{-2,-3\}$ $G = \{0\}$ 3

Qno If U={set of whole number} $E = \{0,2,4,6,.....\}$ $O = \{1,3,5,7,9,......\}$ then Prove that $E' - O' = O - E$ 6

Qno 5: Subtract $\dfrac{-9}{14}$ from $\dfrac{-5}{42}$ 3

Qno 6: Divide $\dfrac{-7}{13}$ by $\dfrac{14}{39}$ 3

Qno 7: Varife $\dfrac{3}{7} \times \dfrac{4}{9} = \dfrac{4}{9} \times \dfrac{3}{7}$

Qno 8: Verify distributive property. 6

$$\frac{3}{4} \times \left(\frac{4}{7} + \frac{9}{3} \right) = \left(\frac{3}{4} \times \frac{4}{7} \right) + \left(\frac{3}{4} \times \frac{9}{3} \right)$$

Qno 9(a): Round of the number to 3 decimal places 0.34257 2

(b):9.342 upto 1 decimal place. 2

Qno 10: Find terminating or not.

(a): $\dfrac{70}{15} = ?$ (b) $\dfrac{11}{10} = ?$ 6

Qno 11: Varify $\left(\dfrac{1}{4} - \dfrac{1}{5} \right) \times \dfrac{2}{5} = \left(\dfrac{1}{4} \times \dfrac{2}{5} \right) - \left(\dfrac{1}{5} \times \dfrac{2}{5} \right)$ 6

Qno 12: If $U = \{1,2,3,10\}$ $\qquad$ $A = \{1,4,8,9,10\}$ $\qquad$ $B = \{2,3,4,7,10\}$ then verify through venn diagram $A' \neq B'$ $\qquad$ 6