SUBJECT - MATHEMATICS

Instructions: *Attempt	t all the questions.		
*Solve al	questions carefully.		
*Draw 21	aphs wisely.		
I. Multiple choice questions .			[25]
Lif x coordinate of a point		e on:	[20]
a First quadrant b Seco	and quadrant c. S-axis d.	V avis	
2. Signs of the abscissa and	dordinate of a point in the	reaxis	- Anti-ol V -
a. +, +	b.*		
3.If the coordinates of a po		c, +	d, -
a First quadrant	b Second and desired	s in:	
4. The linear equation 3x-1	b. Second quadrant c.	Third quadrant d. F	ourth quadrant
a linime solutions	ty=10 nas:		
5 The solution of counting	b. I wo solutions	c. Infinitely many solution	ons d. No solutions
and a citation of citation	X-2V=4 is:		
a. (0.2)	b (2.0)	c. (4,0)	d. (1,1)
6.4 linear equation in two (a) $A = 0$, $c = 0$	variables is of the form a	1	*
· - / · · · · · · · · · · · · · · · · ·	1DM # 0 h = 11	(c) $a = 0, b \neq 0$	$(d) \land \pm 0 \land \pm 0$
a. Base x Height	b.2(Base x Height)	c. 1/2(Base x Height)	4 1/4 (Dung) 11 (1)
The base of a right triangle (a)24 cm2	le is 8 cm and the hypote	nuse is 10 cm. Its area w	U.72 (vase + Height)
(a)24 cm2	(b)40 cm2	(a) 10 cm. its area w	
		OSU is called	(d)80 cm2
	D. Median		1
What is the class mark of	the class interval 90-120	9?	·d. Data
u. 911	h 108 /		
ne difference between	the maximum and minim	1 0.	d.120
a. Class	b. Class interval	C Class mod.	oservation is called
	TYO COMPONENT AVEC INSAME	is called the	1 Range
12.A point both of whose c	coordinates are negative	c. Origin	d. guadrant
	D 11 (1)19/3rcmt		
13.ft y coordinate of a poir	It is zero, then this paint.	c Il quadrant	d. IV quadrant
	b. In II quadrant	inverse lies :	
14.Point (0, - 7) lies :	- r quantit	. On x-axis	d. On y-axis
a. on the x-axis	b. In the second quadr		
c. On the years	d in the fourth and		
15.In the class intervals 10 a. 10-20	-20, 20-30, 20 is included	uit Lie ver	
16. Find the maximum value	e if the range is 38 and th	Both the intervals	d.None of the intervals
a. 60 b.76	c.120 d.82	ie mnimum value is 82.	
17.Point (3, 4) lies on the g	eraph of the equation 3v	1 k . = 2	
a) 4/3 b) 5/3	c) 3 d) 7/3	The value of k is:	
18.If x and y are both posi	tive solutions of equation		
a) First-quadrant	hi Second a	a: +by+c=0, always lie in.	
c) Third quadrant	o) second q	u: gram	
19. The triangle whose all	sides are gamed in eacht.	Fourth quadrant	
a). Isosceles triangle			
20. Perimeter of triangle o	 b). Right angle triangle faifferent sides in 	le ' c) Equilateral tria	ngle d). None
			• • • • • • • • • • • • • • • • • • • •
a) $P=a+b+c$	b). $P = a + b$	c). $P = b + c$	d). $P = 2(a + b + c)$

4. define the Bar graph and Histogram.

9.
