P.T.O.

Rajya Shiksha Kendra, M.P. Bhopal

Annual Examination Session 2024-25

Subject - Mathematics

Time - 2 1/2 Hours		C	lass - 8 👉	Max. Marks- 60						
Multi Instri	iple Choice Questi uction- Choose an	ions. (Q.1 to 5) d write the correc	et option. Each question	carries 1 mark.						
Q.1										
	(A) zero	(B) one	(C) positive	(D) negative						
Q.2 I	Linear equation in	one varible is -	يا أنه	1						
	(A) 3x	(B) $3x^2$	(C) $3x+1=0$	(D) $3x^2 + 1 = 0$						
Q.3	If the diagonals o quadrilateral is a			ect each other, then the						
	(A) parallelogran	n (B) rhombus	(C) trapezium	(D) rectangle						
Q.4	The value of 2 ² +		7	1						
	(A) 4	(B) 7	(C) 25 7	(D) 29						
	P^{20+30} is equal to -	-20 10		1						
	(A) $P^{20}+P^{30}$	(B) $P^{20} \times P^{30}$	(C) $P^{y_0} + P^{y_0}$	(D) $P^{20} - P^{30}$						
Fill in	the blanks. (Q. 6	to 10)	Ť.							
Instru	iction- Each quest	ion carries 1 marl	C.							
Q.6	Multiplicative identity of a rational number $\frac{a}{b}$ is									
Q.7	A simple closed curve made up of only is called a polygon.									
Q.8	Pictorial representation of data using symbols is									
Q.9	The tax added to the price of the goods is called									
Q.10	The value of a is									
Very S	Short Answer Typ	e Questions. (Q.	11 to 16)							
Instru	ctions - Solve the	following questic	ons. Each question car	ries 2 marks.						
Q.11			hat joins two non adj							
Q.12.	Write 8 × 10 ⁻⁴ in u	sual form.	<i>;</i> .	2						
Q.13	Three persons can install new doors in a house in 4 days, then how many persons will be needed to complete the work in 2 days.									
2.14	The relationship	-		pressed by a ratio?						

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Q.15	Find the value of 35 ² using the Formula Ekadhiken Purven'.												
Q.16	Write the perfect square numbers from 11, 12, 16, 32 and 36.												
Short	Answer Tune Oue	41	(0.1	7 to 2	2) 1								
Instru	ctions- Solve the fo	llowi	ng que	stions	Eaco	na clo	th is cu	t from 5 meter long					
Q17	How much cloth v	vill re	main i	f ; m	eici iu	ilg cio	III 13 CC	t from $\frac{5}{2}$ meter long	3				
Q.18			4 (1	O)	7.				3				
Q.19	Solve the equation: $x = \frac{4}{5}(x+10)$												
()	Month	-	Jul		igust	Septe	mber						
	Number of watch	es sol	d 10	0	150-	20	00						
	Draw the bar diagram to express the above information.												
Q.20	Find the square root of 64 by the method of repeated subtraction.												
Q.21	Find the cube roo	Find the cube root of 64.											
Q.22	A wardrobe set was 10%.	as pui	rchased	l for₹	80 00	Its val	lue dep	reciated at the rate of	3				
	Find the value of	the w	ardrob	e set a	ite t o r	ne year	?						
Long.	Answer Type Ques	tions	. (Q. 2	3 to 2	6) 🗔								
Instru	ections- Solve the fo	llowi	ng que	stions	. Each	questi	ion can	ries 5 marks.	_				
Q.23	Simplify: (a +b+c				_ <u>'</u>				5				
Q.24	A milk tank is in the shape of a cylinder, whose radius is 1.5 m and length								5				
	is 7 m. https://www.mpboardonline.com Find the quantity of milk that can be filled in this tank in liters.								•				
	(Scale 1 cubic meter = 1000 liters)												
Q.25		•											
_	The distance covered by the train is given in the following table								5				
Q.26	The distance covered by the train is given in the following table								•				
	Time (in Hours)	1	2	3	4	5							
	Distance (in km)	60	120	180	240	300							

Draw a linear graph to express the above data.