COMMON THIRD MID-TERM TEST - 2023

Standard VIII

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Reg.No.	8	12	١,	T.	T

MATHEMATICS

****	ane. The real of	Marks: 50
ŧ.	I. Choose the best answer:	5x1=5
1.	Data is a collection of	
	a) numbers b) words c) m	neasurements d) all the three
2.	The difference between the largest value and	the smallest value of the given data is
		ariable d) none of these
3.	3. The graphical representation of grouped data	
	a) bar graph b) pictograph c) p	ie chart d) histogram
4.	4. If the word 'PHONE' is coded as 'SKRQH', he	
		IDGLR dy SDHKQ
5.	5. The best shopping choice is to	
	a) shop at brand name stores always buy b	compare the choices before buying
	al ale and the second s) buy at a regular shop always
Ħ.	II. Fill in the blanks :	3x1=3
6.	6. Pie chart is a graph.	× 0
	7. Histogram is a graphical representation of	data
	8. The intersecting point of the line $x = 4$ and y	
I II.	III. Match the following: $(a = 00z = 25)$	5x1=5
	9. Mathematics - a) 18 20 01 19 17 00	
ÌO.	0. Addition - b) 03 08 21 08 18 08	
11.	11. Subtraction - c) 12 00 19 07 04 12	
2.	2. Multiplication - d) 00 03 03 08 19 0	
3.		5 11 15 02 00 19 08 14 13
V.	V. Answer any three of the following :	
	4. Form an ungrouped frequency distribution tal	3x2=6
	25, 24, 20, 25, 16, 15, 18, 20, 25, 16, 20, 16,	15 18 25 16 24 19 25 15 27 29 29
	27, 25	13, 16, 23, 16, 24, 18, 25, 15, 27, 20, 20,
15.	15. Find the range of 53, 42, 61, 9, 39, 63, 14, 2	0.06.26.24.04.67
16.	16. Define : Primary Data	0, 00, 20, 31, 04, 57
	 A message like "Good morning written in review the same way decode the seateness in review." 	erse would instead be "Doog Gninrom". In
	the same way decode the sentence given b	elow:
	"ot dnatsrednu taht scitamehtam nac eb de efil"	ecneirepxe erekwreve ni erutan dna laer
٥		
Ο.	8. Find the best buy of the following purchase	of a pack of 5 chocolate bars for ₹175 or 3
	chocolate bars for ₹175 or 3 chocolate bars	s for ₹114?

Kindly send me your questions and answerkeys to us: Padasalai.Net@gmail.com

VIII Maths

v. Answer any three of the following :

3×5×15

19. Draw a pie diagram to represent the following data, which shows the expenditure of paddy cultivation in 2 acres of land.

Particular	Seeds	Ploughing	Wages	Fertilizer	Harvest	Others	١
Expenses₹	2000	6000	10000	7000	8000	3000	١

Draw a histogram for the following data :

Class inte	nyal	0-10	10-20	20-30	30-40	40-50	50-60	
No of stud		5	15	23	20	10	7	١
INO OF SIUG	ento I							-

21. The following table gives the number of literate females in the age group 10-45 years in a town.

Age group	10-15	16-21	22-27	28-33	34-39	40-45
No.of females	350	920	850	480	230	200

Draw a histogram to represent the above data.

22. In a study of dental problem, the following data was obtained.

Ages	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No.of patients	5	13	25	14	30	35	43	50

Construct a histogram and the frequency polygon imposed on it.

23. Find the total special offer price of fresh sweets and bakery products to buy 1/2 kg Laddu, 1 kg Cake, 6 packets of Bread.

FRESH SWE	EETS AND BAKERY	PRODUCTS	
Laddu	Chocolate	Healthy	20 %
(1 kg)	Cake (1 kg)	Sliced	OFE
		Bread	(011)
₹245	₹550	₹20	

VI. Answer all the questions:

 $2 \times 8 = 16$

24. Construct a rectangle BEAN with BE = 5 cm and BN = 3 cm. Also find its area.

(OR)

Construct a square WEST with WS = 7.5 cm

25. Draw the graph of y = -3x

(OR)

Graph the equation y = x + 1