



SINDHI HIGH SCHOOL, HEBBAL
PERIODIC TEST-III [2024-25]
SUBJECT: MATHEMATICS


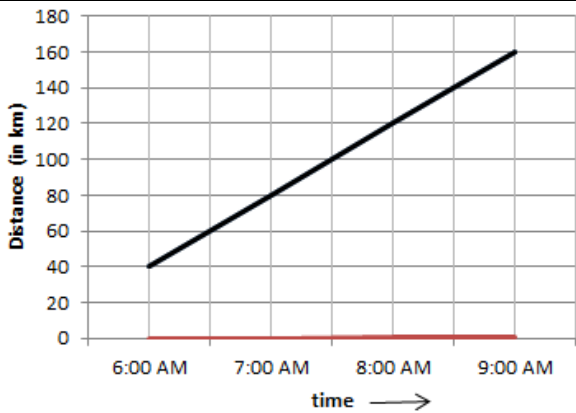
Class: VIII
Date: 27.01.2024
No of Sides: 2

Max Marks: 30
Reading Time: 8:25am to 8:35am
Writing Time: 8:35am to 9:35am

GENERAL INSTRUCTIONS:

- This Question Paper has 5 Sections A-E.
- Section A has 7 MCQs carrying 1 mark each
- Section B has 4 questions carrying 02 marks each.
- Section C has 3 questions carrying 02 marks each.
- Section D has 1 question carrying 05 marks..
- Section E has 1 case based integrated units of assessment carrying 4 marks sub-parts of the values of 1, 1 and 2.

	Section A													
1	A dress marked for ₹2500 is sold for ₹1750 during a sale . Find the discount on the item a) ₹ 750 b) ₹ 75 c) ₹ 250 d) ₹ 200	1												
2	<div><div>No of people ↑</div><div></div><div>Days →</div></div> <p>The above graph shows the number of people who visited a shop during a week. Observe the graph and find the total number of people who visited the shop on the first three days of the week</p> <p>a) 35 b) 20 c) 55 d) 65</p>	1												
3	A watch marked at ₹1200 is sold for ₹ 1074 , so the discount percent is a) $1\frac{1}{2}\%$ b) $10\frac{1}{2}\%$ c) $10\frac{1}{4}\%$ d) $10\frac{1}{5}\%$	1												
4	30 days to 60 hours expressed as ratio is: a) 1 : 2 b) 12: 1 c) 3:6 d) 30: 60	1												
5	The point (0,8) lies on the ____ axis a) x- axis b) y-axis c) both the axis d) none of these													
6	<div><div></div><table><tr><td>Temp</td><td>20</td><td>40</td><td>60</td><td>85</td><td>100</td></tr><tr><td>Time</td><td>2</td><td>4</td><td>6</td><td></td><td>10</td></tr></table><p>The missing value in the above table is a) 8minutes b) 9minutes c) 8 minutes 30 seconds d) 8 minutes 50 seconds</p></div>	Temp	20	40	60	85	100	Time	2	4	6		10	1
Temp	20	40	60	85	100									
Time	2	4	6		10									
7	Assertion: Marked price of an article is ₹2500 and a VAT of 10%. is levied on it .The selling price of the article is ₹ 2250 Reason: The selling price of an article can be calculated by the formula													

	SP = MARKED PRICE + VAT a)Both Assertion(A) and Reason (R) are true and Reason(R) is the correct explanation of (A) b)Both Assertion(A) and Reason (R) are true and Reason(R) is not the correct explanation of (A) c)Assertion(A) is true and Reason(R) is false d)Assertion(A) is false and Reason(R) is true	1										
	Section B											
8	A sum of Rs 1,500 is lent for 2 year at the rate of 5.5% per annum. Find the simple interest and amount at the end of 2 years.	2										
9	 a)What is the temperature on Sunday ? By how much was it more than Monday?	2										
10	In a shop 8% of the bulbs are broken If 20 bulbs are broken find the total number of unbroken bulbs in the shop.	2										
11	Manjula invested ₹ 1,50,000 at 12% per annum compounded annually . Find the amount and compound interest she got at the end of the second year.	2										
	Section C											
12	The following table shows the performance of a student in 5 tests. Represent the following on a line graph <table border="1" data-bbox="482 1306 1076 1384"><tr><th>Test 1</th><th>Test 2</th><th>Test 3</th><th>Test 4</th><th>Test 5</th></tr><tr><td>15</td><td>45</td><td>30</td><td>35</td><td>40</td></tr></table>	Test 1	Test 2	Test 3	Test 4	Test 5	15	45	30	35	40	3
Test 1	Test 2	Test 3	Test 4	Test 5								
15	45	30	35	40								
13	The price of a mobile phone depreciates at a rate of 6% every year. If its current cost is Rs 16,000 what will be its price after 3 years.	3										
	Section D											
14	During a sale a laptop marked at ₹ 64,900 was sold at a discount of 20 %. A GST of 12 % was added on the sale price of the laptop . a) What is the sale price of the laptop before GST is added? b) How much is the GST calculated for the laptop and at what price can the laptop be sold for , after the shopkeeper applies GST on it.	5										
	Section E											
15	 Observe the above graph and answer the following questions a) How much distance did the car cover during the period 7:30 am to 8:00 am? b) What was the time when the car had covered a distance of 140 km since its start? c)Calculate the average speed of the vehicle between 6:00am to 8:00 am.	4										