

**SINDHI HIGH SCHOOL, BENGALURU**

**PERIODIC TEST-1 [2024-25]**

**SUBJECT: MATHEMATICS**

**Class: VII Max Marks: 30**

**Date:.11.07.2024 Reading Time: 8:25am to 8:35 am**

**No of Sides: Writing Time: 8:35am to 9:35 am**

**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 1question carrying 05 marks..
* Section E has 1 case based integrated units of assessment carrying 4 marks

sub-parts of the values of 1, 2 and 1.

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|  | **Section A** |  |
|  | **Section A consists of 7 questions of 1 mark each.** |  |
| 1 | The additive identity for integers is  a)1 b) -1 c)0 d)-2 | 1 |
| 2 | The above tally marks represent the number  a) 12 b)13 c) 14 d)15 | 1 |
| 3 | 8 = (-4)    a) -36 b) -48 c) 32 d)-32 | 1 |
| 4 | The mode of the given set of numbers 5, 7, 9, 8, 7, 6, 7, 9    a) 7 b)9 c) 5 d)6 | 1 |
| 5 | (-1) (-1) (-1) (-1)15 times is  15 b) -15 c) -1 d)1 |  |
| 6 | The marks (out of 30) obtained by six students in a mathematics test are  28, 26, 30, 23, 24, 22. The median of this data is  a) 26 b) 25 c) 24 d)23 | 1 |
| 7 | Assertion and Reasoning question:  **Assertion:** (-198) (-9) = -22  **Reason:** If the dividend and divisor have like signs the quotient will be a positive integer.  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** |  |
|  | **Section B consists of 4 questions of 2 marks each.** |  |
| 8 | Simplify:  (84) | 2 |
| 9 | Write the corresponding division facts for the given multiplication fact  = | 2 |
| 10 | Complete the blank and write the property of integers it represents.   1. 24× (-15) = \_\_\_\_ × 24 2. [ 9×(10) ] + [9 × \_\_\_ ] = 9 ×[ 10 + (-3)] | 2 |
| 11 | Read the graph which shows the number of books sold by a shopkeeper during six consecutive months and answer the questions.   1. How many books were sold in the month of February? 2. In which month were the minimum number of books sold? 3. In which month were 400 books sold? 4. How many more books were sold in the month of February than in the month of March? | 2 |
|  | **Section C** |  |
|  | **Section C consists of 2 questions of 3 marks each.** |  |
| 12 | State and verify the associative property of addition for the values a= 7, b= 5 and c = (-8) | 3 |
| 13 | The rainfall (in mm) in a city on 7 days of a certain week is recorded as follows:   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | Mon | Tue | Wed | Thu | Fri | Sat | Sun | | 0.5mm | 2.7mm | 2.6mm | 0.5mm | 2mm | 5.8mm | 1.5mm |   Find : a) Range of the rainfall in the above data  b) Average Rainfall of the first 4 days  c) On which days the rain fall is greater than the average of the first 4 days. | 3 |
|  | **Section D** |  |
|  | **Section D consists of 1 questions of 5 mark** | 5 |
| 14 | The following table shows the number of students participating in sports club and art club in a school over 3 months. Represent the given information in a double bar graph taking a suitable scale.   |  |  |  | | --- | --- | --- | | Month | Sports Participants | Art Participants | | July | 30 | 25 | | Aug | 25 | 20 | | Sept | 20 | 5 | |  |
|  | **Section E** |  |
|  | **Section E consists of one Case base study questions of 4 mark** |  |
| 15 | In a class test containing 20 questions, 5 marks are given for every correct answer and 2 marks are deducted for every wrong answer. And no marks are given for not attaining a question.  i)Santhosh answered 6 questions correctly and 3 questions wrong. How much did he score?  ii)Lathika got 40 marks . She had correctly answered all the questions she attempted. How many questions did she answered correctly?  ii)Geetha attempted all questions but only 11 of her questions were correct.  What is her total score? | W |