MATHEMATICS
SAMPLE TEST PAPER (SEMESTER II)
CLASS V

General Instructions:
- All questions are compulsory.
- Questions 1 to 10 carry 1 mark each.
- Questions 11 to 20 carry 2 mark each.
- Questions 21 to 25 carry 3 mark each.
- Questions 26 carry 5 mark.

1. Define Speed
2. What is the temperature range of a glass of cold juice
3. \( \frac{7}{2} \) % of 100 meters is ________
4. Represent seven and four-hundredths in decimal
5. The cost of 10 kg rice is Rs 280 what is the price of \( \frac{25}{4} \) Kg of rice
6. Subtract 12 m 45 cm from 19 m 37 cm
7. Convert Rs 3.30 into paise
8. Define line of symmetry
9. An acute angle is ________ than 90°
10. Add 3.50 + 6.90 + 8.05
11. What should be added to 88.19 to get 97.32?
12. If the distance covered by a bus is 280 km in \( \frac{5}{4} \) hours, find the speed at which it was traveling.
13. If the temperature early in the morning is 72°F and it increases to 100°F by afternoon, then what is the increase in temperature
14. A man bought a second-hand music system for Rs 6000 and spent Rs 300 on its repair. He sold it at a profit of Rs 1200. Find the selling price.
15. Calculate the duration of a chess match which starts at 9.35 am and ends at 5.45 pm
16. Circumference of a circle is 49 cm. Find its diameter and radius
17. The side of cuboidal diesel tank is 33 m. How much diesel can it hold?
18. Find the area of the given Figure
19. Find the measure of third angle

20. Find the perimeter of the figure

21. In a factory, 6 workers get a monthly salary of Rs 1250 each and 8 workers get a monthly salary of Rs 1600 each. Find the average salary of a worker.

22. Find the volume of the given figure whose sides are 6 cm
23. Draw a rectangle 10cm X 4 cm cut out this rectangular piece and make a cylinder.

24. Three jars have 5100 liter water. Find the capacity of a jar if each of them can hold same quantity of water.

25. Name the ray, segment or lines in the following.

In a school, the percentage of successful students in class X examination during 5 years is as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>2001</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Of students</td>
<td>70</td>
<td>85</td>
<td>90</td>
<td>80</td>
<td>75</td>
</tr>
</tbody>
</table>

26. Represent this data as a pictograph and answer the following questions:

a) What is the increase in the pass percentage of student in 2004 and 2001?
b) In which year is the pass percentage is least?
c) In which year is the pass percentage is highest?
d) What is the difference in the pass percentage of students who passed in 2001 and 2005?