



SHRI GULABRAO ESHWARA KHANDVE EDUCATIONAL FOUNDATION,  
**JAGADGURU INTERNATIONAL SCHOOL LOHEGAON, PUNE**  
**TERM – I EXAM (2024-25)**

**Class: V**

**Date: 23/09/2024**

**Roll No. :**

**Subject: Mathematics**

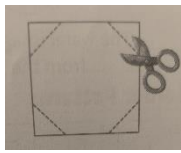
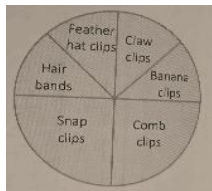
**Max. Marks.: 80**

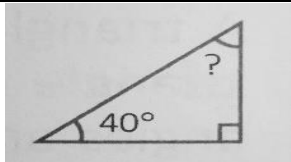
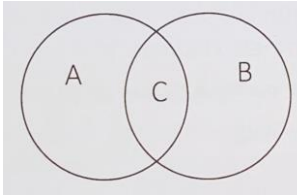
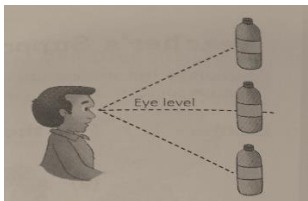
**Time: 3 Hrs.**

**General Instructions:**

- i) This Question Paper has 5 Sections A, B, C, D and E.
- ii) Section A has 20 MCQs carrying 1 mark each.
- iii) Section B has 5 questions carrying 02 marks each.
- iv) Section C has 6 questions carrying 03 marks each.
- v) Section D has 4 questions carrying 05 marks each.
- vi) Section E has 3 case based integrated units of assessment (04 marks each) with sub- parts of the values of 1, 2 and 1 mark each respectively.
- vii) All Questions are compulsory. However, an internal choice in 2 Questions of 5 marks, 2 Questions of 3 marks and 2 Questions of 2 marks has been provided. An internal choice has been provided in the 2marks questions of Section E.

SECTION A		
Sr. No.	Section A consists of 20 questions of 1 mark each.	Marks
Q.1)	Find the smallest 7-digit number using the digits 1, 2, 3, 4, 5, 6 and 7 such that the number has 7 at its lakhs place. (a) 1234567 (b) 1234576 (c) 7654321 (d) 1723456	1
Q.2)	Write the corresponding Hindu-Arabic numeral for the number: a) CCCLXIX (a) 399 (b) 339 (c) 369 (d) 396	1
Q.3)	Add the following : a) $76534819 + 24676382$ . (a) 100211201 (b) 101211201 (c) 101211202 (d) 101211291	1
Q.4)	Subtract the following : a) $34902107 - 10078385$ . (a) 28423722 (b) 24823722 (c) 24832722 (d) 24883722	1
Q.5)	Simplify : $44359321 + 32569111 - 41399187$ . (a) 35529245 (b) 35529254 (c) 35592245 (d) 35592254	1
Q.6)	The greater number of two numbers is 96,58,358 and their sum is 1,00,00,568. Find the smaller number. (a) 342218 (b) 334210 (c) 342210 (d) 344210	1
Q.7)	Suryansh bought a plot for ₹ 70,68,420. He spent ₹ 60,75,000 as construction cost. How much total amount did he spent? (a) ₹ 1,31,43,440 (b) ₹ 1,31,43,420 (c) ₹ 1,31,34,420 (d) ₹ 1,21,43,420	1
Q.8)	The sum of two numbers is 4379567. If the smaller number of two numbers is 1995351, Find the greater number. (a) 2384216 (b) 2384218 (c) 2384118 (d) None of these.	1
Q.9)	Write the quotient and the remainder without actual division. : a) $1563286 \div 1000$ . (a) 156, 1000 (b) 1563, 1000 (c) 156, 3286 (d) 1563, 286	1
Q.10)	_____ is the unit of measurement of an angle. (a) vertex (b) arms (c) degree (d) protractor	1

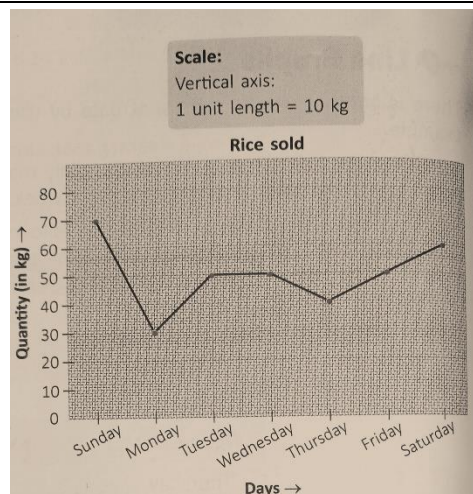
<b>Q.11)</b>	Which of the following set of angles represents a right-angled triangle? (a) $90^\circ, 45^\circ, 45^\circ$ (b) $60^\circ, 40^\circ, 80^\circ$ (c) $50^\circ, 60^\circ, 70^\circ$ (d) None of these.	<b>1</b>
<b>Q.12)</b>	Which geometric tool is used to measure or construct an angle ? (a) Protractor (b) Ruler (c) Compass (d) None of these.	<b>1</b>
<b>Q.13)</b>	From a square paper, all its corners are cut away as shown. What is the name of the new shape obtained? (a) Triangle (b) Hexagon (c) Octagon (d) Decagon	<b>1</b>
		
<b>Q.14)</b>	Every shape makes a circle about a fixed point called the _____ of rotation. (a) Centre (b) Half turn (c) Quarter turn (d) None of these.	<b>1</b>
<b>Q.15)</b>	A quarter turn is the same as _____ degrees turn. (a) $90^\circ$ (b) $0^\circ$ (c) $45^\circ$ (d) $180^\circ$	<b>1</b>
<b>Q.16)</b>	A circle has _____ lines of symmetry. (a) 1 (b) 2 (c) 0 (d) countless number of.	<b>1</b>
<b>Q.17)</b>	Observe the pattern and write the next three numbers. 1, 3, 6, 10, 15, __, __, __. (a) 21, 28, 35 (b) 36, 45, 64 (c) 28, 36, 45 (d) 21, 28, 36	<b>1</b>
<b>Q.18)</b>	Observe the pattern and write the next three numbers. 1, 4, 9, 16, 25, __, __, __. (a) 21, 28, 36 (b) 21, 28, 35 (c) 36, 45, 64 (d) 28, 36, 45	<b>1</b>
<b>Q.19)</b>	Perspective means viewing or drawing _____ objects on _____ surfaces showing the impression of length, width, depth, distance, etc. (a) 2D, 3D (b) 3D, 2D (c) 2D, 2D (d) 3D, 3D	<b>1</b>
<b>Q.20)</b>	The angle between the line from the eye to the top of the building and the line from the eye to the bottom of the building becomes _____ if we move towards the building. (a) Bigger (b) Smaller (c) remains same (d) None of these.	<b>1</b>
<b>SECTION B</b>		
<b>Section B consists of 5 questions of 2 marks each.</b>		
<b>Q.21)</b>	Divide and find the quotient and the remainder. :a) $6752998 \div 521$ . <b>OR</b> Estimate the product of the following. : a) $78951 \times 54$ .	<b>2</b>
<b>Q.22)</b>	Draw the angle with the following measurement. :a) $125^\circ$ <b>OR</b> Draw two lines $l_1$ and $l_2$ perpendicular to each other.	<b>2</b>
<b>Q.23)</b>	Write first five triangular numbers as a sum of successive counting numbers, each starting with 1.	<b>2</b>
<b>Q.24)</b>	Give reason for each of the following. a) Every thing gets smaller as it gets closer to the vanishing point. b) If we change our eye level by sitting or standing, the horizon line also changes.	<b>2</b>
<b>Q.25)</b>	The adjacent pie chart shows the collection of 20 hair clips of various types Kriti has. Use it to answer the following questions. a) What fraction of feather hat clips does Kriti have? b) Which two types of clips are the same in number?	<b>2</b>
		
<b>SECTION C</b>		
<b>Section C consists of 6 questions of 3 marks each</b>		

<b>Q.26)</b>	Use the distributive property of multiplication over addition/subtraction to evaluate each of the following. : a) $56235 \times 999$ .  <b>OR</b>  The cost of 1 m cloth is ₹ 345. Find the cost of 5355 m cloth.	<b>3</b>												
<b>Q.27)</b>	A fruit dealer sold 50225 apples to 49 fruit shops. How many apples did each shop buy if an equal number of apples were sold at each shop?  <b>OR</b>  The product of two numbers is 22,26,048. If one of the number is 1122, find the other number?	<b>3</b>												
<b>Q.28)</b>	Find the value of the unknown angle in the following triangle. 	<b>3</b>												
<b>Q.29)</b>	Refer the following numbers and the regions in the diagram. Then, fill in square numbers in region A, triangular numbers in region B, and the numbers that are both triangular and square in region C. : 1, 2, 4, 6, 8, 10, 15, 36, 45, 81, 100. (Draw diagram in the answer sheet.) 	<b>3</b>												
<b>Q.30)</b>	Which part of the bottle is seen by the viewer if the bottle a) is above the horizon level? b) on the horizon line? c) below the horizon line? 	<b>3</b>												
<b>Q.31)</b>	Information of number of dresses designed by Rohit for his fashion studio in a particular week is given in the table below. Represent it by drawing a bar graph. <table border="1" data-bbox="197 1249 1380 1332"><tr><td><b>Number of dresses designed</b></td><td>9</td><td>7</td><td>5</td><td>6</td><td>8</td></tr><tr><td><b>Weekdays</b></td><td>Monday</td><td>Tuesday</td><td>Wednesday</td><td>Thursday</td><td>Friday</td></tr></table>	<b>Number of dresses designed</b>	9	7	5	6	8	<b>Weekdays</b>	Monday	Tuesday	Wednesday	Thursday	Friday	<b>3</b>
<b>Number of dresses designed</b>	9	7	5	6	8									
<b>Weekdays</b>	Monday	Tuesday	Wednesday	Thursday	Friday									
<b>SECTION D</b>														
<b>Section D consists of 4 questions of 5 marks each.</b>														
<b>Q.32)</b>	The airfare from Delhi to Singapore is ₹ 11,915. Find the total fare of 214 people traveling on the same flight.	<b>5</b>												
<b>Q.33)</b>	A factory produced 2,48,790 art pearls each weighting 1.5 grams and packed them equally in 8293 packets. What is the weight of art pearls in each packet?	<b>5</b>												
<b>Q.34)</b>	Is it possible to form a triangle with sides 10 cm, 4 cm and 5cm? If not why?  <b>OR</b>  Explain the classification of triangles based on their sides with the help of diagram.	<b>5</b>												
<b>Q.35)</b>	The following table shows the survey of 72 children about their favorite fruit. <table border="1" data-bbox="197 1865 1380 1982"><tr><td><b>Favorite Fruit</b></td><td>Apple</td><td>Banana</td><td>Guava</td><td>Grapes</td></tr><tr><td><b>Number of children</b></td><td>12</td><td>18</td><td>6</td><td>36</td></tr></table> Draw a circle, divide it into 12 equal parts and represent the data given as a pie chart.	<b>Favorite Fruit</b>	Apple	Banana	Guava	Grapes	<b>Number of children</b>	12	18	6	36	<b>5</b>		
<b>Favorite Fruit</b>	Apple	Banana	Guava	Grapes										
<b>Number of children</b>	12	18	6	36										

OR

A line graph given below shows the sale of rice (in kg) in the first week of April. Observe it and answer the questions given below.

- On which day was the sale of rice the maximum?
- On which two days was the sale the same?
- On which day was the sale the minimum?
- On which day the sale is 60 kg?
- On which day the sale is 40 kg?



### SECTION E

**Q.36)** Given below are the land areas of the four largest countries of the world. Study the list and answer the question below.

Country	Approximate area in Sq.km.
China	95,96,960
USA	96,29,091
Russia	1,70,75,200
Canada	99,84,670

- Which is the largest country in the above table?
  - What is the difference between the largest and the smallest country in above table?
  - What is the place value and the face value of the digit 8 in the area of Canada?
- OR iii) What is the area of the smallest country in the above table?

1  
1  
2

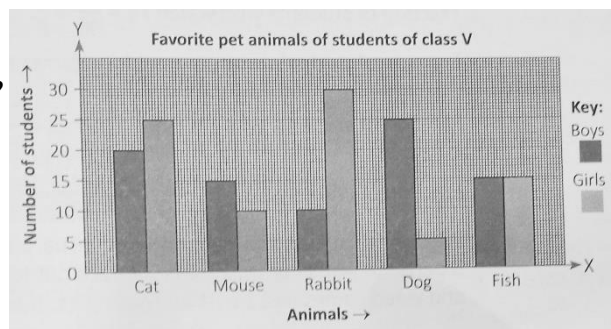
**Q.37)** The screen revolution of digital screen is measured by the number of pixels present on the screen. More pixels means a sharper display. Aisha's computer screen measures 1920 X 1080 pixels and Naisha's computer screen measures 3840 X 2160 pixels. Based on the information, answer the following questions.

- Rounded off the product of on Aisha's computer screen to the nearest lakh.
- Rounded off the product of on Naish's computer screen to the nearest ten Thousand.
- Estimate the number of pixels that are displayed on Naisha's computer screen to the largest place value. OR iii) Estimate the number of pixels that are displayed on Aisha's computer screen to the largest place value.

1  
1  
2

**Q.38)** The adjacent graph shows the favorite pet animals of boys and girls of class V in a school. Look at the graph and answer the questions given below.

- Which pet animal do boys prefer the most?
- Which pet animal do girls prefer the most?
- Which pet animals are liked by both boys and girls equally? OR iii) How many more girls like rabbits than boys?



1  
1  
2