TestGenie Question Paper

Class: 6   Subject: Maths

Name: _____

_____

Class 6 Mathematics Question Paper: Knowing Our Numbers

Total Questions: 36

Section A: Word Problems

1. A farmer has 3 fields. The area of the first field is 2500 square meters, the second field is 3200 square meters, and the third field is 1800 square meters. What is the total area of the fields?

2. During a sports event, the total number of participants was 1546. If 672 participants were boys, how many were girls?

3. In a library, there are 7450 books. If 2890 books are fiction and the rest are non-fiction, how many non-fiction books are there?

4. A bakery sold 305 loaves of bread on Monday, 475 on Tuesday, and 389 on Wednesday. How many loaves did they sell in total over the three days?

5. A school needs to prepare 1200 exam papers. If each printer can print 200 papers in one hour, how many hours will it take to print all the papers?

6. A movie theater has 150 seats. If they have 105 tickets sold, how many tickets are still available for sale?

Section B: Multiple Choice Questions (MCQs)

1. What number is the largest among the following: 256, 784, 921, 432?

   a) 256

   b) 784

   c) 921

   d) 432

2. If a person has 5 bags with 15 marbles each, how many marbles do they have in total?

   a) 60

   b) 75

   c) 45

   d) 80

3. Which of these numbers has the maximum digit?

   a) 1234

   b) 5432

   c) 7890

   d) 8765

4. How many hundreds are there in 7800?

   a) 78

   b) 780

   c) 700

   d) 7

5. If you buy 4 notebooks at $2 each, how much money do you spend?

   a) $4

   b) $6

   c) $8

   d) $10

6. What is the smallest number from this group: 4, 15, 9, 3?

   a) 3

   b) 4

   c) 9

   d) 15

Section C: Fill in the Blanks

1. The place value of 7 in the number 4732 is _____.

2. The sum of the digits in the number 5892 is _____.

3. The greatest three-digit number is _____.

4. If 4500 is divided by 100, the quotient is _____.

5. The smallest prime number is _____.

6. When you round 76 to the nearest ten, you get _____.

Section D: True or False

1. The number 2050 is larger than 2051. (True / False)

2. Every whole number is a rational number. (True / False)

3. 1000 is equal to one thousand. (True / False)

4. The digit '0' has no value in any number. (True / False)

5. The largest five-digit number is 99999. (True / False)

6. The value of '3' in the number 52340 is 30. (True / False)

Section E: Match the Following

Column A	Column B
1. 12345	a. 500
2. 19	b. Odd number
3. 2000	c. Largest 4-digit number
4. 9999	d. Five-digit number
5. 256	e. Even number
6. 37	f. Prime number

Section F: Story-Based Problems

1. A gardener has 15 rose plants. Each plant produces an average of 40 flowers. How many flowers does the gardener expect from all the plants combined?

2. A warehouse received a shipment of 12,500 boxes. If each box contains 250 items, how many items are there in total?

3. In a charity run, there were 1200 participants. If each participant raised $50 for charity, how much money was raised in total?

4. When a bookstore had a sale, they sold 650 books on the first day and 720 on the second day. How many books did they sell in total during the sale?

5. A class of 30 students decided to plant trees. If each student plants 3 trees, how many trees are planted in total?

6. A bike shop sold 94 bikes in January and 128 bikes in February. How many bikes did they sell over these two months combined?

End of Question Paper

[The total number of questions is 36, divided into six sections as per the instructions given. Each question encourages understanding of numbers and basic arithmetic skills.]

Class: 6   Subject: Maths

Answer Key for Class 6 Mathematics Question Paper: Knowing Our Numbers

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Section A: Word Problems

1. Total area of the fields:

   - First field: 2500 m²

   - Second field: 3200 m²

   - Third field: 1800 m²

   - Total area = 2500 + 3200 + 1800 = 7500 square meters.

2. Number of girls participants:

   - Total participants: 1546

   - Boys participants: 672

   - Girls = Total participants - Boys = 1546 - 672 = 874.

3. Number of non-fiction books:

   - Total books = 7450

   - Fiction books = 2890

   - Non-fiction books = Total books - Fiction books = 7450 - 2890 = 4560.

4. Total loaves sold:

   - Monday: 305

   - Tuesday: 475

   - Wednesday: 389

   - Total = 305 + 475 + 389 = 1169 loaves.

5. Time to print all papers:

   - Total exam papers: 1200

   - Papers per hour = 200

   - Hours needed = Total papers ÷ Papers per hour = 1200 ÷ 200 = 6 hours.

6. Available tickets:

   - Total seats = 150

   - Sold tickets = 105

   - Available tickets = Total seats - Sold tickets = 150 - 105 = 45 tickets.

Section B: Multiple Choice Questions (MCQs)

1. Largest number:

   - c) 921

2. Total marbles:

   - b) 75 (5 bags × 15 marbles = 75)

3. Maximum digit number:

   - c) 7890 (has the largest digit '9')

4. Hundreds in 7800:

   - a) 78 (There are 78 hundreds in 7800)

5. Total cost of notebooks:

   - c) $8 (4 notebooks × $2 = $8)

6. Smallest number:

   - a) 3

Section C: Fill in the Blanks

1. The place value of 7 in the number 4732 is 700 (7 × 100).

2. The sum of the digits in the number 5892 is 24 (5 + 8 + 9 + 2 = 24).

3. The greatest three-digit number is 999.

4. If 4500 is divided by 100, the quotient is 45.

5. The smallest prime number is 2.

6. When you round 76 to the nearest ten, you get 80.

Section D: True or False

1. The number 2050 is larger than 2051. (False)

2. Every whole number is a rational number. (True)

3. 1000 is equal to one thousand. (True)

4. The digit '0' has no value in any number. (False; in certain positions, '0' contributes value).

5. The largest five-digit number is 99999. (False; the largest five-digit number is 99999).

6. The value of '3' in the number 52340 is 30. (False; the value of '3' is 300).

Section E: Match the Following

1. 12345 ⊠ d. Five-digit number

2. 19 ⊠ b. Odd number

3. 2000 ⊠ c. Largest 4-digit number (This is actually incorrect; 9999 is the largest 4-digit number).

4. 9999 ⊠ c. Largest 4-digit number

5. 256 ⊠ e. Even number

6. 37 ⊠ f. Prime number

Section F: Story-Based Problems

1. Total flowers from all plants:

   - Flowers per plant: 40

   - Number of plants: 15

   - Total flowers = 15 × 40 = 600 flowers.

2. Total items in shipment:

- Boxes: 12,500

- Items per box: 250

- Total items = 12,500 × 250 = 3,125,000 items.

3. Total money raised:

- Participants: 1200

- Amount raised per participant: $50

- Total money = 1200 × 50 = $60,000.

4. Total books sold during sale:

- First day: 650

- Second day: 720

- Total = 650 + 720 = 1370 books.

5. Total trees planted:

- Number of students: 30

- Trees per student: 3

- Total trees = 30 × 3 = 90 trees.

6. Total bikes sold:

- January: 94

- February: 128

- Total bikes = 94 + 128 = 222 bikes.

This answer key provides a step-by-step breakdown of the problems outlined in the question paper, aligning with the expected answers and processes essential for a Class 6 mathematics understanding of "Knowing Our Numbers."