## ATOMIC ENERGY EDUCATION SOCIETY

## CLASS 6 MATHEMATICS WORKSHEET ( KNOWING OUR NUMBERS) <br> Class 06 - Mathematics

## Section A

1. The number of sheets of paper available for making notebooks is 75,000 . Each sheet makes 8 pages of a notebook. Each notebook contains 200 pages. How many notebooks can be made from the paper available?
a) 4500
b) 3000
c) 3500
d) 4000
2. Use the given digits without repetition and make the greatest and smallest 4-digit numbers. 9, 7, 4, 1
a) 9471,1749
b) 9174,4719
c) 9714,4179
d) 9741,1479
3. Insert commas suitably and write the names according to International System of Numeration: 7452283
a) $7,452,283$
b) $7,45,22,83$
c) $74,52,283$
d) None of these
4. Write the numeral for the number Nine crore five lakh forty-one.
a) 90500410
b) None of these
c) 95000041
d) 90500041
5. Use the given digits without repetition and make the greatest and smallest 4-digit numbers. 2, 8, 7, 4
a) 7824,4287
b) 2874,4782
c) 8742,2478
d) 8472,2748
6. Use the given digits without repetition and make the greatest and smallest 4-digit numbers. 5, 4, 0, 3
a) 5034,4305
b) 5430,3045
c) 5043,3405
d) 5340,4035
7. The smallest 8 digit number is called
a) ten lakh
b) one lakh
c) one crore
d) ten crore
8. The sum of the number 765432 and the number obtained by reversing its digit is
a) 99999
b) 999999
c) 9999
d) 999
9. In a basket there are two thousand kg apples, 340 kg oranges, and 20 kg grapes, what is the total weight of fruits?
a) 360 kg
b) 2340 kg
c) 2360 kg
d) 2630 kg
10. What is $100-1$ ?
a) 999
b) 9999
c) 9
d) 99

## Section B

11. Fill in the blanks:

1 centimetre = $\qquad$ millimetres.
12. Fill in the blanks:

The distance between Srinagar and Leh is 422 km . The same distance in metres is $\qquad$ m.
13. Fill in the blanks:

1 crore is equal to $\qquad$ million.
14. State true or false:

1 Lakh = 100 thousand.
15. State true or false:

1 Thousand = 10 hundred.
16. State true or false:

Among kilo, milli, and centi, the smallest is centi.
17. Assertion (A): 253,764,722 is correct in the International System of Numeration.

Reason (R): 200,000,000 is the sequence of commas in the International System of Numeration.
a) Both A and R are true and R is the correct explanation of A .
b) Both $A$ and $R$ are true but $R$ is not the correct explanation of A.
c) $A$ is true but $R$ is false.
d) $A$ is false but $R$ is true.
18. Assertion (A): 999999 is the greatest 6-digit number.

Reason (R): When a number is smaller or smallest than the second or rest quantities it is known as the smallest number.
a) Both $A$ and $R$ are true and $R$ is the correct explanation of A .
b) Both A and R are true but R is not the correct explanation of A .
c) A is true but $R$ is false.
d) $A$ is false but $R$ is true.
19. Assertion (A): 1000 gram $=1$ Kilogram

Reason (R): 1 gram = 1000 milligrams.
a) Both A and R are true and R is the correct explanation of A .
b) Both $A$ and $R$ are true but $R$ is not the correct explanation of A.
c) A is true but $R$ is false.
d) $A$ is false but $R$ is true.
20. Assertion (A): 267 is greater than 276.

Reason ( $\mathbf{R}$ ): When a number is larger than the second number it is known as a greater number.
a) Both $A$ and $R$ are true and $R$ is the correct explanation of $A$.
b) Both $A$ and $R$ are true but $R$ is not the correct explanation of A.
c) A is true but $R$ is false.
d) A is false but $R$ is true.

## Section C

21. Find the difference between the greatest and the least 5-digit number that can be written using the digits $6,2,7$, 4, 3 each only once.
22. A garment factory produced 216315 shirts, 182736 trousers, and 58704 jackets in a year. What is the total production of all the three items in that year?
23. A book exhibition was held for four days in a school. The number of tickets sold at the counter on the first, second, third and final days was respectively 1094, 1812, 2050 and 2751. Find the total number of tickets sold on all the four days.
24. In an election, the successful candidate registered $5,77,500$ votes and his nearest rival secured $3,48,700$ votes. By what margin did the successful candidate win the election?
25. A bus takes $4 \frac{1}{2}$ hours to complete its journey from khandwa to Indore. If the distance between Khandwa to Indore is 290 km then calculate the speed of bus.
26. The weight of one thyroid tablet is 0.25 gm . If a bottle contains tablet of 3 month ( 1 tablet per day dosage) then what is the total weight of the tablets present in bottle?
27. Name the system of numeration it is written and explain.
a. $26,42,126$
b. $143,241,313$
28. Kirti Bookstore sold books worth ₹ $2,85,891$ in the first week of June and books worth ₹ $4,00,768$ in the second week of the month. How much was the sale for the two weeks together? In which week was the sale greater and by how much?
29. A merchant had ₹ 78,592 with her. She placed an order for purchasing 40 radio sets at $₹ 1200$ each. How much money will remain with her after the purchase?
30. In 2001, the populations of Tripura and Meghalaya were 3,199,203 and 2,318,822, respectively. Write the populations of these two states in words.

## Section D

31. Read the following numbers and answer the questions below :
(a) 475320
(b) 9847215
(c) 97645310
(d) 30458094
(i) Which is the smallest number?
(ii) Which is the greatest number?
(iii) Arrange these numbers in ascending and descending order.
32. Arrange the following numbers in descending order :
(a) 5000, 7500, 85400, 7861
(b) 1971, 45321, 88715, 92547
33. Read the following numbers and answer the questions below:
(a) 527864
(b) 95432
(c) 18950049
(d) 70002509 .
(i) Which is the smallest number?
(ii) Which is the greatest number?
(iii) Arrange these in ascending and descending order.
34. How many times zero occurs in the number between 200 to 300
35. Put comma according to International system
a. 12345
b. 67834123

## Section E

36. What is the standard unit of length? Write 4 units of length and relation between the units.
37. Medicine is packed in boxes, each weighing 4 kg 500 g . How many such boxes can be loaded in a van which cannot carry beyond 800 kg ?
38. A note book A contain 192 pages and another notebook B contains 100 pages . For class VII, 9 notebook A and 5 notebook B are required. How many pages will be used by the class?

## Section $F$

39. Read the text carefully and answer the questions:

Geeta is trying to understand shifting digits with four tiles on which number 1, 2, 3, 4 is written.

(i) The number if she arranges tiles in increasing order is $\qquad$ .
(ii) What is the largest number?
a) 4321
b) 4123
c) 3412
d) 4231
(iii) What is the smallest number?
a) 1234
b) 4231
c) 1342
d) 1243
(iv) Which number is formed when she interchanges units place digit to hundreds place digit in largest number?
a) 4321
b) 4123
c) 4231
d) 1234
(v) The difference between largest and smallest number is 387 .
a) True
b) False
40. Read the text carefully and answer the questions:

Sohan and Rita went to buy an almirah. There were many almirahs available with their price tags.

(i) The lowest cost of almirah is ₹ $\qquad$ .
(ii) Sohan and Rita purchased almirah with mirror and for low cost, so what is the cost price for them?
a) None of these
b) ₹ 2854
c) ₹ 1897
d) ₹ 1788
(iii) Arrange prices of almirahs in increasing order.
a) ₹ 1788 , ₹ 1897 , ₹ 2635 , ₹ 2854 , ₹ 3975
b) ₹ 2635 , ₹ 1897 , ₹ 2854 , ₹ 1788 , ₹ 3975
c) ₹ 2635 , ₹ 1897 , ₹ 2854 , ₹ 1788 , ₹ 3975
d) ₹ 2635 , ₹ 1897 , ₹ 2854 , ₹ 1788 , ₹ 3975
(iv) Arrange prices of almirahs in decreasing order
a) ₹ 3975 , ₹ 2854 , ₹ 2635 , ₹ 1897 , ₹ 1788
b) ₹ 2635 , ₹ 1897 , ₹ 2854 , ₹ 1788 , ₹ 3975
c) ₹ 2635 , ₹ 1897 , ₹ 2854 , ₹ 1788 , ₹ 3975
d) ₹ 1788 , ₹ 1897 , ₹ 2635 , ₹ 2854 , ₹ 3975
(v) ₹ 2187 is the difference between highest and lowest price.
a) True
b) False

