

Choose correct answer(s) from the given choices

- ## Fill in the blanks

Answer the questions

- (8)** Vinayak's dad has recently constructed his house in Shimoga. He has bought the bricks for ₹5102, paid ₹2421 for the cement and ₹1211 as the construction cost. He has also paid ₹1005 as government taxes. What is the total cost of the house?
- (9)** The population of a town is 717211. If there are 559975 adults in the town, how many children are there in the town?
- (10)**
In the Shanghai trade fair, 2756 people came on Tuesday, 5983 people came on Wednesday, 2908 people came on Thursday and 7126 people came on Friday. In total, how many people visited the Shanghai trade fair?



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Answers

(1) d. 533

(2) c. $90000000 + 1000000 + 200000 + 50000 + 4000 + 900 + 10 + 3$

(3) a. 138474

(4) 125660

(5) 1709173

(6) 1663247

(7) 100

(8) ₹9739

(9) 157236

(10) 18773



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Fill in the blanks

(1) In the San Francisco fair show, 91580 visitors came on Sunday, 58385 visitors came on Monday, 79222 visitors came on Tuesday, and 95209 visitors came on Wednesday. In total, _____ visitors came to visit the San Francisco fair show?

(2) There are 790105 men, 385799 women and 570957 children in a city. The total population of the city is _____.

(3) There are 56968 bags of sugar and 30349 bags of rice in a store. The total number of bags in the store is _____.

(4) $47098 + 47471 + 66278 + 90945 =$ _____.

(5) Sara is traveling to her hometown. Sara has to travel 452 km on Highway number 9, 364 km on Highway number 26, and 638 km on highway number 33 and 7 km within the town to get to her home. The total distance Sara needs to travel to reach her home is _____ km.

(6) In a war with neighboring country, many soldiers invaded the country through various means. 282129 entered the country through land, 665155 entered through sea, and 472206 entered through air. The total number of soldiers who entered with the neighboring country was _____.

Answer the questions

(7) Add the following numbers:

A) 102200, 121020, 203043, 213122, 350512

B) 100620, 121111, 212066, 461100

$$\begin{array}{r} (8) \quad 4 \ 4 \ 3 \ 3 \\ + \ 4 \ 0 \ 3 \ 2 \\ \hline \hline \end{array}$$

(9) If you add 100 to the largest number that can be formed by using the digits 5, 6, 4, 3, 1, then what is the resulting sum?

(10) Add the following numbers:

A) 314960, 600737, 948414, 962497.

B) 207475, 431281, 577837.



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Answers

(1) 324396

(2) 1746861

(3) 87317

(4) 251792

(5) 1461

(6) 1419490

(7) **A)** 989897

B) 894897

(8) 8465

(9) 65531

(10) **A)** 2826608

B) 1216593



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Choose correct answer(s) from the given choices

- (1)** 6000 less than 294597 is:
- a.** 234597 **b.** 288597
- c.** 2939970 **d.** 6000
- (2)** The difference between two numbers is 510. If the larger of the two is 887873, then the smaller number is:
- a.** 887372 **b.** 887370
- c.** 887363 **d.** 887365
- (3)** Subtract:
- $81633 - 54552$
- a.** 27100 **b.** 27081
- c.** 109104 **d.** 27087
- (4)** Subtract:
- $69729 - 12607$
- a.** 57130 **b.** 25214
- c.** 57121 **d.** 57122

Fill in the blanks

- (5) A poultry farm produced 233790 eggs in a year. It packaged 81880 eggs and sent them to market while 93464 eggs got destroyed. The number of eggs left with the poultry farm is _____.
- (6) Balvinder's dad bought the computer for ₹4805. After a few years he sold it for ₹148 less than what he had paid for it. He sold the computer for ₹_____.
- (7) The number one million four hundred eighty-five thousand fifty-one exceeds ninety-nine thousand five hundred nineteen by _____.
- _____.
- (8) Subtract:
- $$488 - 312 = \underline{\hspace{2cm}}$$
- (9) The difference between the largest 3 digit number and the smallest 2 digit number is _____.

Answer the questions

- (10)** Gita deposited ₹251523 in her bank account. After a month, she withdrew ₹248673 from her account. How much amount is left in the account?



Answers

(1) b. 288597

(2) c. 887363

(3) b. 27081

(4) d. 57122

(5) 58446

(6) 4657

(7) one million three hundred eighty-five thousand five hundred thirty-two

(8) 176

(9) 989

(10) ₹2850



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Total Questions : 35

Time : 1 hr.

PATTERN & MARKING SCHEME				
Section	(1) Logical Reasoning	(2) Mathematical Reasoning	(3) Everyday Mathematics	(4) Achievers Section
No. of Questions	10	10	10	5
Marks per Ques.	1	1	1	2

SYLLABUS

Section – 1 : Patterns, Alphabet Test, Coding-Decoding, Ranking Test, Mirror Images, Geometrical Shapes and Solids, Embedded Figures, Direction Sense Test, Days and Dates & Possible Combinations, Analogy and Classification.

Section – 2 : Numerals and Number Names, Number Sense (5-digit numbers), Computation Operations, Fractions, Length, Weight, Capacity, Time, Money, Geometry, Perimeter of Various Shapes, Symmetry, Conversions, Data Handling

Section – 3 : The Syllabus of this section will be based on the Syllabus of Mathematical Reasoning.

Section – 4 : Higher Order Thinking Questions - Syllabus as per Section 2.

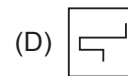
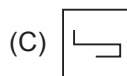
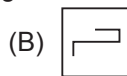
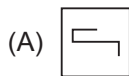
LOGICAL REASONING

1. What is the rule for this number pattern?

1, 1, 2, 6, 24, 120, . . .

- (A) Add 0, then add 1, then add 2, and so on
(B) Multiply by 1, then multiply by 2, then multiply by 3, and so on
(C) Multiply by 1, then add 1
(D) Multiply by two, then subtract 1

2. There are four figures out of which three are same in some way while one is different from the rest. Find out the different figure.



3. Count the number of straight lines in the given figure.

- (A) 17 (B) 18
(C) 19 (D) 20

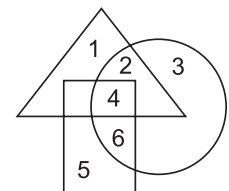


4. If in a certain code "MONKEY" is coded as 'YEKNOM', then how is 'MONIKA' coded in that language?

- (A) KANIMO (B) AKINOM (C) NOMIKA (D) AIKONIM

5. Which number lies in all the three figures?

- (A) 1
(B) 2
(C) 4
(D) 5

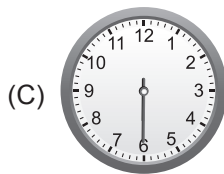
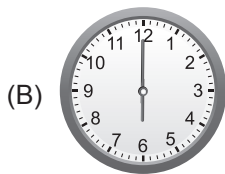
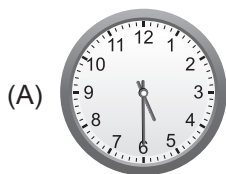


MATHEMATICAL REASONING

6. If $\diamond \times 4 = \star$ and $\star - \diamond = 330$, then $\star + \diamond =$

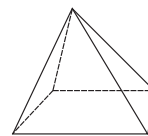
- (A) 110 (B) 440 (C) 550 (D) 990

7. Mohit went for swimming at 2:30 p.m. and returned back home $3\frac{1}{2}$ hours later. The time he came back home is _____.



8. How many vertices does this pyramid have?

- (A) 4 (B) 5
(C) 6 (D) 8

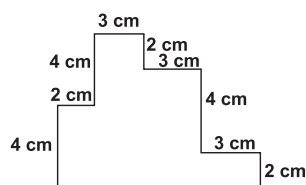


9. There are _____ tens in 36520.

- (A) 12 (B) 36 (C) 365 (D) 3652

10. The perimeter of the given figure (not drawn to scale) is _____.

- (A) 35 cm
(B) 27 cm
(C) 38 cm
(D) 42 cm



EVERYDAY MATHEMATICS

11. There are 3 rows of strawberry plants. Each row has 6 plants. How many strawberry plants are there in all?

- (A) 9 (B) 18 (C) 22 (D) 24

12. Ram, Rahul and Rohit shared a bag of marbles. The bag contained 272 marbles. How many marbles were left over after the friends shared them equally?

- (A) 90 (B) 91 (C) 6 (D) 2

13. There were 3856 trees in a forest. In another forest, there were 4795 trees. How many more trees were there in the second forest?

- (A) 930 (B) 939 (C) 1689 (D) 1600

ACHIEVERS SECTION

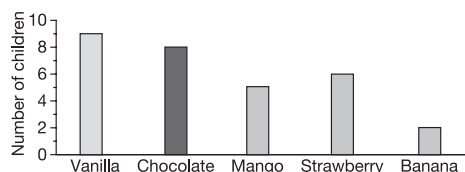
14. Find the value of $\frac{P-Q+R}{S}$.

- (A) 3
(B) 4
(C) 6
(D) 7

$$\begin{array}{r} 1\overline{)P19} \\ 38\overline{)72954} \\ \underline{-38} \\ 349 \\ \underline{-3Q2} \\ 75 \\ \underline{-38} \\ 3\overline{)R}4 \\ \underline{-342} \\ \overline{S}2 \end{array}$$

15. The given bar graph shows the favourite ice-cream flavours of a group of children. What fraction of total children prefer strawberry flavour?

- (A) $\frac{1}{4}$ (B) $\frac{1}{5}$
(C) $\frac{1}{6}$ (D) $\frac{4}{15}$



ANSWERS

1. (B) 2. (D) 3. (B) 4. (B) 5. (C) 6. (C) 7. (B) 8. (B) 9. (D) 10. (C) 11. (B) 12. (D) 13. (B) 14. (B) 15. (B)