

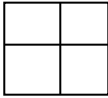


ARYABHATA MATHEMATICIAN OF THE YEAR

NUMERICAL ABILITY TEST 2017

NAME:- _____ Reg. No:- _____ GRADE - II
SCHOOL NAME: _____ CONTACT NO. _____

NO. OF QUESTIONS: 40 TOTAL MARKS: 40 TIME: 60 MINUTES

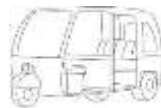
SECTION-A	a	b	c	d
1) Complete the pattern given below. 5, 10 _____ 30, 35 a) 28,29,30 b)15,20,25 c)15, 20, 29 d)20, 25, 29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2) How many squares are there in the following figure? a) 4 b) 3 c) 5 d) 2 	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3) What is the missing digit in the addition? $\begin{array}{r} 9 \quad 8 \\ + 5 \quad \boxed{?} \\ \hline 1 \quad 5 \quad 2 \end{array}$ a) 4 b) 3 c) 8 d) 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4) Which number makes the given expression true? $56 - \boxed{\quad} = 16$ a) 45 b) 36 c) 40 d) 42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5) Which of the following options is true for the expression shown below? $13 + 9 = ?$ a) 3 more than 20 b) 3 less than 25 c) 6=18 d) 2 tens 5 ones	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

SECTION-B

1) If Jenny had 12 mangoes in 1 basket. How many mangoes does she have in 3 baskets? a) 48 b) 24 c) 60 d) 36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2) Which set of numbers has an odd number in it? a) 25,30,35 b) 13,15,17,19 c) 4,8,12,16 d) 9,19, 27,36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3) Which of the following is the best estimate for how much a person weighs? a) Milligrams b) Kilograms c) Decigrams d) Grams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



4) Find the sum of numbers 1 8 9 6 . a) 24 b) 29 c) 18 d) 36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5) How many tens are there in 869 ? a) 60 b) 6 c) 69 d) 66	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6) What is the place value of the number 6 in 5698 ? a) thousands b) hundreds c) tens d) ones	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7) What is 7 less than 963 ? a) 956 b) 965 c) 945 d) 936	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8) What number is 3 greater than 11 ? a) 14 b) 15 c) 16 d) 20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9) What should be multiplied by 8 to get 64 ? a) 9 b) 5 c) 3 d) 8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10) What is the half of 100 ? a) 50 b) 25 c) 80 d) 60	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
11) 5 + 40 + _____ = 85 a) 40 b) 48 c) 70 d) 45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12) One starfish has 5 arms. How many arms do 5 starfish have? a) 20 b) 30 c) 50 d) 25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
13) What is the number of days in the third month of the year? a) 29 b) 30 c) 31 d) 28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14) How many days are there in 2 weeks? a) 14 b) 15 c) 20 d) 21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
15) How many 5 's are there in 50 ? a) 10 b) 5 c) 15 d) 12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16) 6 auto rickshaws have _____ wheels. a) 18 b) 20 c) 24 d) 15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



17) $12 + 8 - 5 = ?$ a) 15 b) 16 c) 20 d) 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18) $600 - 100 = ?$ a) 400 b) 550 c) 500 d) 450	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19) How many pairs are there in 8 ? a) 2 b) 4 c) 6 d) 1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20) Which is the smallest 3 -digit number? a) 998 b) 999 c) 900 d) 899	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SECTION-C				
1) When the car wheels make one full rotation the car moves forward by about 2 meters. How far will the car move forward after 9 rotations? a) 21 metres b) 18 metres c) 19 metres d) 20 metres	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2) How many 50 p coins are there in ₹10 ? a) 10 b) 20 c) 30 d) 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3) Kate saw 6 ducks in the park. How many legs did she see? a) 15 b) 30 c) 12 d) 18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4) The European green lizard has one tail, five toes on its front legs and four on its rear legs. How many toes does the lizard have? a) 18 b) 19 c) 20 d) 16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5) If 48 toffees are to be divided amongst 8 students. How many toffees will each child get? a) 6 b) 5 c) 8 d) 10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6) How many 10 p coins are there in 70 p? a) 20 b) 7 c) 70 d) 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7) I am greater than 8 but less than 12 . I am an even number. Who am I? a) 9 b) 11 c) 10 d) none of these	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8) Amanda started reading a book at 3:00 PM . She read the book for four hours. At what time did she finish reading? a) 5:00 PM b) 9:00 PM c) 8:00 PM d) 7:00 PM	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

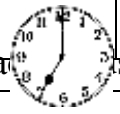
9) I am looking for a house **521**. Which way should I go?



<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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10) Tell the time in the adjoining clock.

- a) Left b) right c) forward d) backward



<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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a) 12:00 b) 7:00 c) 8:00 d) 12:35

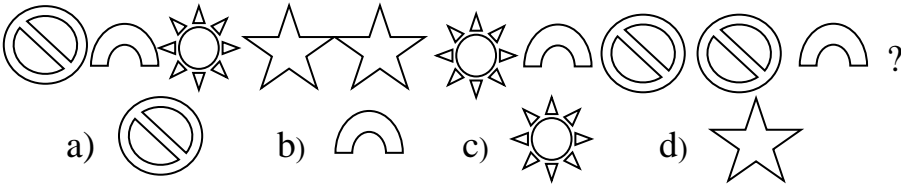
SECTION-D

1) I am an odd number greater than **85** but less than **88**.

Who am I?

a) 87 b) 86 c) 84 d) 83

2) Which shape comes next?



3) Fill in the missing numbers to get the result.

$$\begin{array}{r} 5 \\ + \boxed{?} \boxed{?} \\ \hline 9 3 \\ \hline \end{array}$$

a) 76 b) 88 c) 82 d) 63

4) How many tens make **170**?

a) 10 b) 17 c) 70 d) 27

5) Which sign is missing?

15 4 = 11

a) + b) - c) × d) ÷