NAB Competition 2021- II - 2nd

National Analytical Brains Competition 2021-II- 2nd

* Required

1. Name *

   _____

2. Registration ID *

   _____

3. Contact Number (registered one) *

   _____

Mathematical Ability

All question are mandatory. Please note there is no negative marking:

4. 1. If we interchange the digits in the hundreds and ones place of 264, find the new number.

   Mark only one oval.

   ◯ 462
   ◯ 426
   ◯ 624
   ◯ None of these

5.   2. Which of the following are incorrectly matched?

Mark only one oval.

◯ Six hundred and twenty five − 625

◯ Five Hundred Ninety − 509

◯ Two hundred and fifty five − 255

◯ Seven hundred and two − 702

6.   3. Rohan went to a pet shop. He bought 11 gold fish, 17 blue fish and 3 packages of fish food. How many fish did he buy?

Mark only one oval.

◯ 21

◯ 31

◯ 30

◯ 28

7.   4. The cost of 5 oranges and 6 apples are ₹ 45 and ₹67 respectively. What is the total cost of both quantities of fruits?

Mark only one oval.

◯ 184

◯ 123

◯ 121

◯ 112

8.   5. Which of the following is greater than 76+21?

Mark only one oval.

◯ 96

◯ 91

◯ 97

◯ 98

9. 6. Ridhima takes Basketball lessons every Friday. If she went to the Basketball class on August 13, she will have her next class on

August   2021

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Mark only one oval.

- ( ) 27 August
- ( ) 14 August
- ( ) 20 August
- ( ) 6 August

10. 7. Which of the following clocks shows 11:30 as the time?

A   B   C   D

Mark only one oval.

- ( ) A
- ( ) B
- ( ) C
- ( ) D

11. 8. What will come in "?"

If 🔑 = ₹5, then 🔑🔑🔑 = ₹ ?

Mark only one oval.

◯ 5

◯ 10

◯ 20

◯ 15

12. 9. 10+10+10+10+10+10 is same as _____

Mark only one oval.

◯ 10X5

◯ 30

◯ 10X6

◯ 50

13. 10. Which clock shows 2 hours less than 2 p.m.?

A   B   C   D

Mark only one oval.

◯ A

◯ B

◯ C

◯ D

14. 11. Ram removes 15 crayons from a jar. There were originally 31 crayons in the jar. How many crayons are left in the jar?

Mark only one oval.

- ( ) 16
- ( ) 46
- ( ) 36
- ( ) 45

15. 12. The addition of a number with 0 is zero.

Mark only one oval.

- ( ) True
- ( ) False
- ( ) All of these
- ( ) None of these

16. 13. What is the expanded form of 367?

Mark only one oval.

- ( ) 300 + 6 + 7
- ( ) 3 + 6 + 7
- ( ) 300 + 60 +70
- ( ) 300 + 60 + 7

17. 14. In the number 768, what is the face value of 6 ?

Mark only one oval.

- ( ) 6 Tens
- ( ) 6
- ( ) 60
- ( ) None of these

18.   15. If today is Monday, what day will it be day after tomorrow?

Mark only one oval.

◯ Saturday

◯ Tuesday

◯ Sunday

◯ Wednesday

19.   16. The month after May is_____

Mark only one oval.

◯ June

◯ March

◯ April

◯ None of these

20.   17. Vihaan went for cricket practice from Thursday to Saturday. He did practice
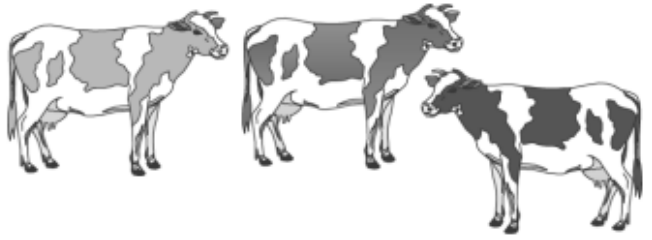   for_____ days.

Mark only one oval.

◯ 2 days

◯ 3 days

◯ 4 days

◯ 1 day

21.   18. Which of the following options has the value greater than 50-35?

Mark only one oval.

◯ 5+6

◯ 5+10

◯ 20-6

◯ 20 -4

22.   19. How may legs do the three cows have?

Mark only one oval.

- 8
- 10
- 12
- 14

23.   20.

17 ◯ 9 = 8

Which symbol goes in the ◯

Mark only one oval.

- -
- +
- X
- None of These

Logical Reasoning
Ability

All question are mandatory. Please note there is no negative marking:

24.   21. Which number will come next in the series?

709, 710, 711, …..

Mark only one oval.

◯ 712

◯ 713

◯ 710

◯ 717

25.   22. If in a certain code, 'JUMP' is written as 'PMUJ', then how will 'CARD' be written in that code?

Mark only one oval.

◯ DCAR

◯ DRCA

◯ DRAC

◯ DARC

26.   23. Find the odd one out:

Mark only one oval.

◯ A

◯ B

◯ C

◯ D

27. 24. Complete the pattern:
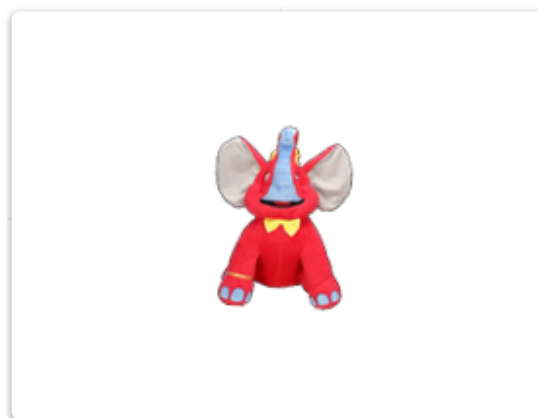
ABBCDDEFFGH_ _JJKLL

Mark only one oval.

◯ II

◯ IJ

◯ HI

◯ HH

28.   25. Which toy is the lightest?
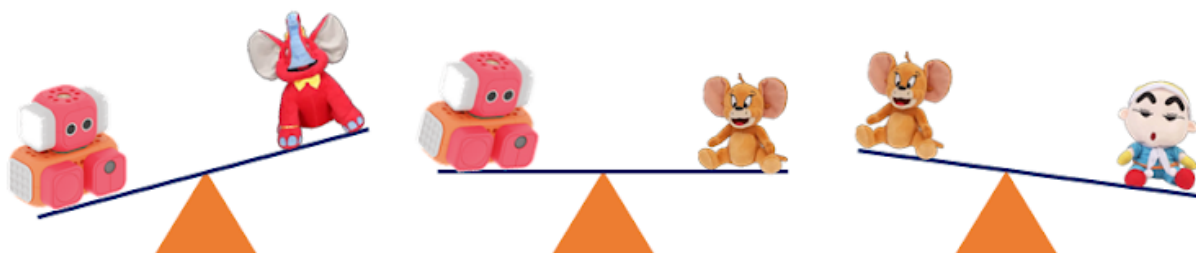
Mark only one oval.
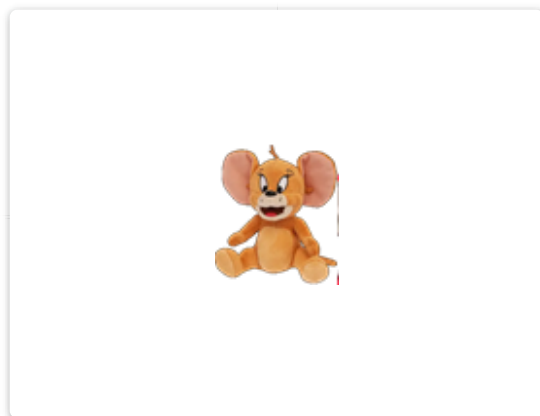
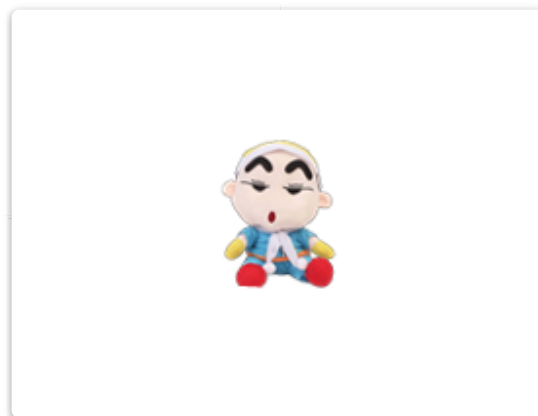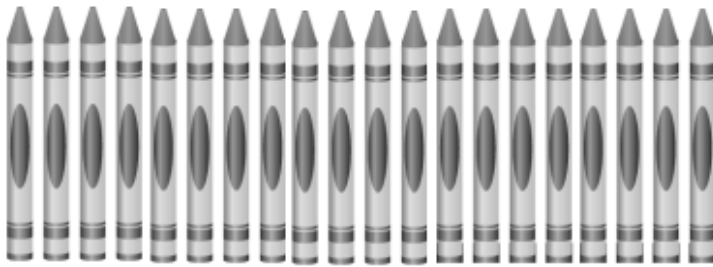◯ Option 1

◯ Option 2

◯ Option 3

◯ Option 4

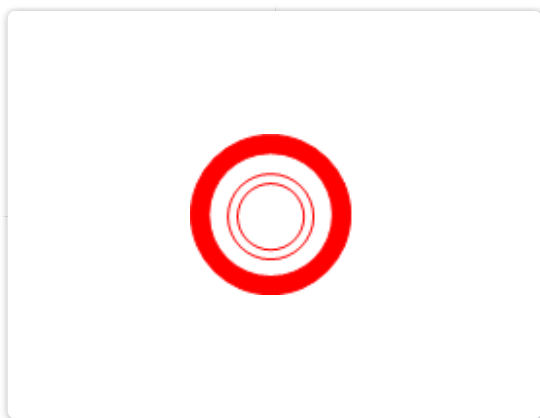29.   26. How many groups of 4 crayons each can be formed from the given crayons?

Mark only one oval.

- ( ) 4
- ( ) 6
- ( ) 7
- ( ) 5

30.   27. There is a certain relation between two shapes given on one side of :: . Out of the below four alternatives, one Shape will have similar relation with the Shape on other side of ::
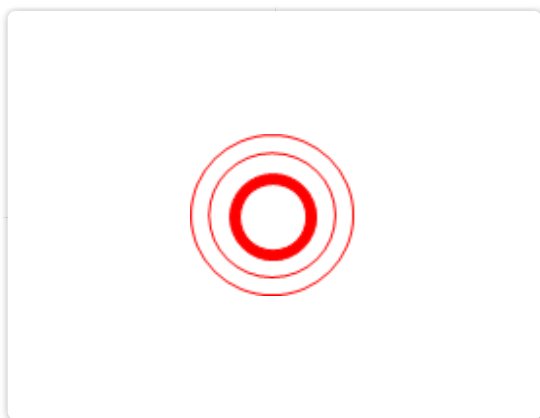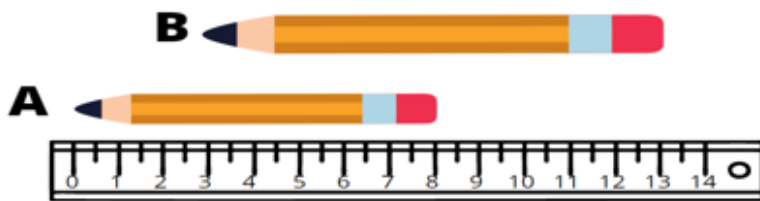

Mark only one oval.

○ Option 1

○ Option 2

○ Option 3

○ None of these

31.   28. On the scale shown below, pencil B is how much longer than pencil A?

Mark only one oval.

- ( ) 2cm
- ( ) 3cm
- ( ) 4cm
- ( ) 5cm

32.   29. How many lines are there in the below figure:
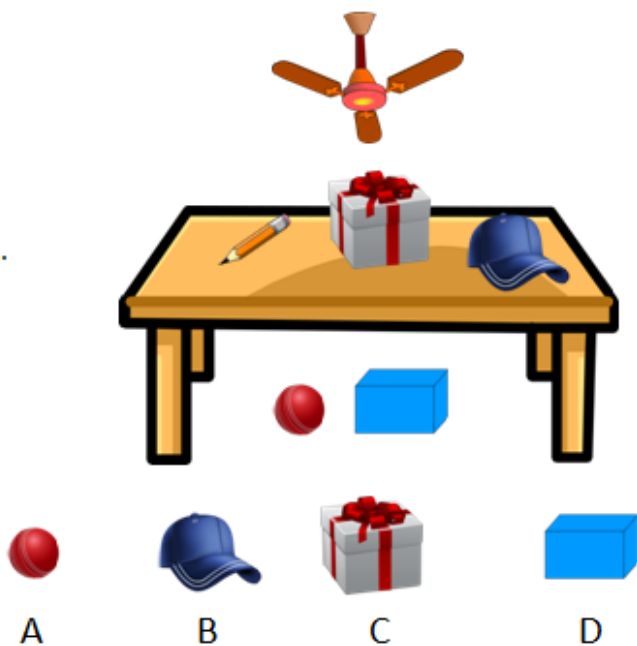

Mark only one oval.

- ( ) 4
- ( ) 2
- ( ) 6
- ( ) 7

33.   30. Identify the rule followed in the number series given below, if we move in arrow direction.

Mark only one oval.

     ◯ Add 2 in the previous term to get the next term.

     ◯ Add 3 in the previous term to get the next term.

     ◯ Subtract 2 in the previous term to get the next term.

     ◯ None of these

34.   31. Identify the object which is under the table and cann't roll .
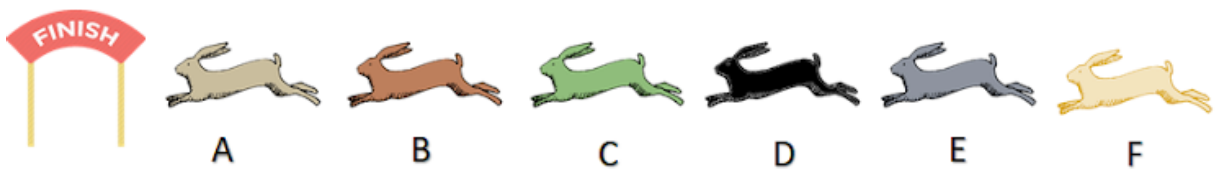

Mark only one oval.

     ◯ A

     ◯ B

     ◯ C

     ◯ D

35.   32. If ' white' is called 'black', 'black' is called 'blue', 'blue' is called 'yellow', then color of SKY is _____.

Mark only one oval.

◯ Black

◯ White

◯ Blue

◯ Yellow

◯ None of these

36.   33. Rabbit_____ is second from the finishing point.

A   B   C   D   E   F

Mark only one oval.

◯ B

◯ A

◯ E

◯ F

37.   34. In the question below, there is a relationship between the numbers in the first and second rows. Find the missing number.

First Row	1	3	4	5
Second Row	2	6	?	10

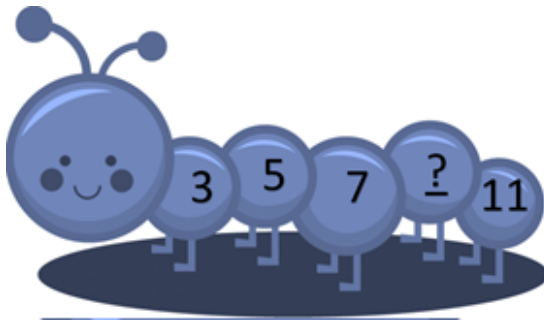*Mark only one oval.*

◯ 8

◯ 7

◯ 9

◯ 4

38. 35

If ▲ can be written as 3, ⬠ can be written as 5, then ■ can be written as____

Mark only one oval.
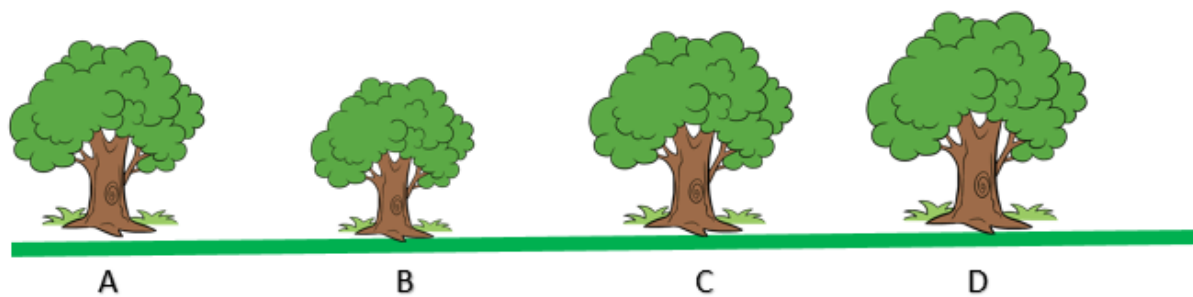
- ⬭ 5
- ⬭ 6
- ⬭ 3
- ⬭ 4

39. 36. Find the missing number, if same rule is followed in the given figure.

3 5 7 ? 11

Mark only one oval.

- ⬭ 8
- ⬭ 9
- ⬭ 10
- ⬭ 6
- ⬭ None of These

40.   37. Which one of the following is the tallest tree?

Mark only one oval.

- A
- B
- C
- D

41.   38. Find the odd one out:

Mark only one oval.

- A
- B
- C
- D

42.   39. Which letter is exactly in the middle?

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Mark only one oval.

◯ L

◯ M

◯ N

◯ None of these

43.   40. I have an eight in the ones place. I am greater than 80 but less than 94. What number am I?

Mark only one oval.

◯ 98

◯ 88

◯ 89

◯ 93

Real Life Problems

All question are mandatory. Please note there is no negative marking:

44.   Q 41: Guess who can be this person.

Mark only one oval.

⬭ Carpenter

⬭ Painter

⬭ Plumber

⬭ Electrician

45.   Q 42: Yellow Light means:

Mark only one oval.

⬭ Go

⬭ Stop

⬭ Wait

⬭ None of These

46.   Q 43: We should _____ offer our seat to an elderly person in the bus.

Mark only one oval.

◯ Never

◯ Sometimes

◯ Always

◯ None of these

47.   Q 44: In the market, you find an injured puppy. What will you do?

Mark only one oval.

◯ Throw stone at it

◯ Ignore the puppy

◯ Take the puppy to the hospital

◯ None of These

48.   Q 45: Which of the following is NOT a healthy habit?

Mark only one oval.

◯ Take stairs, instead of the lift

◯ Watch television for long hours

◯ Eat a fruit every day

◯ Take a healthy breakfast everyday.

49. Q 46: What will you do first after coming back home from playing?

A   B   C   D

Mark only one oval.

- ( ) A
- ( ) B
- ( ) C
- ( ) D

50. Q 47: Which one is not safe for kids?

Mark only one oval.

- ( ) Play with gas lighter
- ( ) Touching electrical devices and switches with wet hands
- ( ) Playing with kitchen knife
- ( ) All of the Above

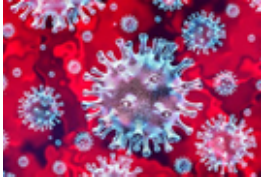51. Q 48: Radhika gets late for school every day. She should :

Mark only one oval.

- ( ) Wake up as soon as the morning alarm rings
- ( ) Ask the school bus driver to come late
- ( ) Skip the Breakfast.
- ( ) Miss the school

52.   Q 49 To save yourself from corona virus, what you should follow?

Mark only one oval.

( ) Wash your hands regularly

( ) Wear Mask

( ) Keep a safe distance from other

( ) All of the above

53.   Q 50: What we should not do to control pollution.

Mark only one oval.

( ) Plant Trees

( ) Use Polythenes

( ) Use electric Vehicles

( ) Use solar power

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