



National Analytical Brains Competition 2025

NAB Competition 2025 - Grade 01

Mathematical Ability

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

1. What is the number before 100?



- (a) 98 (b) 101 (c) 99 (d) 90
2. Tarun's weight is 26 kg. Kirti's weight is 5 kg less than Tarun's weight. What is the weight of Kirti?
(a) 31 kg (b) 25 kg (c) 13 kg (d) 21 kg
3. How many tens are there in 80?
(a) 6 (b) 7 (c) 8 (d) 9
4. Which of the following set of numbers is in increasing order?
(a) 12, 18, 13, 15, 19 (b) 18, 13, 12, 15, 19
(c) 18, 12, 13, 15, 19 (d) 12, 13, 15, 18, 19
5. The place value of 6 in 462 is:
(a) 6 (b) 60 (c) 600 (d) 62
6. Which sign is missing?
 $2 \times 4 \underline{\quad} 7 + 0$
(a) - (b) < (c) > (d) +
7. Arrange the object according to their capacity in order from the greatest to the least?



- (a) 4, 1, 3, 2 (b) 3, 2, 1, 4 (c) 2, 3, 1, 4 (d) 2, 3, 4, 1

8. The number for 8 tens 7 ones is
 (a) Eighty seventy (b) Eight seven (c) Eighty seven (d) Seventy eight
9. If we change the digits of 41, we get:
 (a) 14 (b) 40 (c) 24 (d) 44
10. 5 tens + 3 ones = ?
 (a) 35 (b) 53 (c) 45 (d) 50
11. There were 35 children playing in a school playground. 18 left for the class. How many children are still there in the playground?
 (a) 16 (b) 17 (c) 18 (d) 19

12. Which one is heavier?



- (a) Sugar (b) Salt (c) Both are equal (d) Can't Say

13. What number am I. My one digit is equals $10 - 5$. My tens digit equals $9 - 3$.
 (a) 56 (b) 65 (c) 58 (d) 85

14. Which option has the minimum number of objects?



15. $9 + 72 = 80 + \underline{\quad}$
 (a) 2 (b) 3 (c) 1 (d) 5

16. What time show in the given clock?



- (a) Quarter to four (b) Three o'clock (c) Quarter past four (d) Half past three

17. How do you make 28?
 (a) $22 + 7$ (b) $32 - 4$ (c) $12 + 15$ (d) $30 - 3$

18. 7 more than 15 is _____.

(a) 22

(b) 18

(c) 21

(d) 19

19. Face value of 7 in 271 is _____.

(a) 70

(b) 7

(c) 700

(d) 77

20. Write the number name: 2 Hundred 0 tens 5 ones

(a) Two hundred fifty (b) Two hundred five (c) Twenty-five

(d) Two thousand fifty

Logical Reasoning:

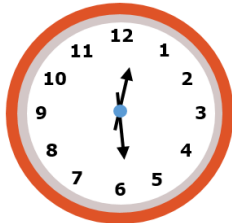
All questions are mandatory. Please note there is no negative marking:

21. What number will come in place of ? in the below series?



- (a) 8 (b) 9 (c) 10 (d) 12

22. The school principal planned a cultural programme for the time shown on the clock below. Which is the closest to the time shown on the clock?

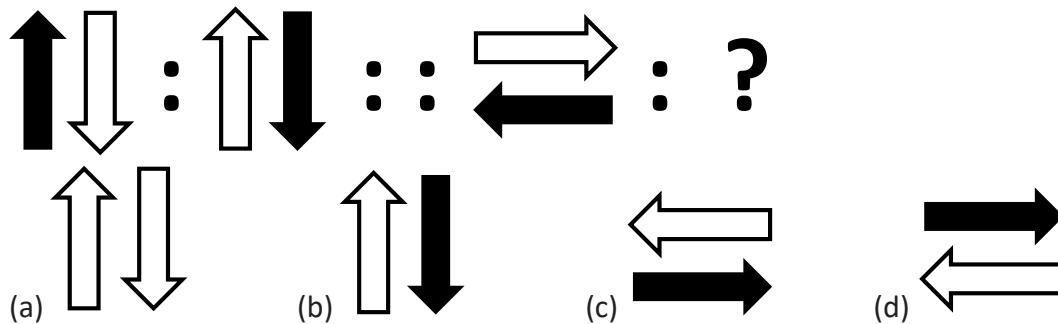


- (a) 12:06 (b) 12:29 (c) 1:06 (d) 1:29

23. If 4 is related to ▲▲▲, then 5 is related to _____

- (a) ■■■■■ (b) ▲▲ (c) ▲▲▲ (d) ▲▲▲▲

24. There is a certain relationship between the pair of figure on the either side of :: Identify the relationship between the given pair and find the missing figure.



25. _____ will replace the question mark in the given question?



26. If Tarun's birthday is on second Saturday of August 20XX, then on which date will Tarun celebrate his Birthday?

August 20XX						
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	

- (a) 12th August (b) 11th August (c) 10th August (d) 18th August

27. Find the odd one out?



28. Zoe and Mike are measuring the pencil the length of a pencil.



Zoe says: The pencil is 8 cm long. Mike says: The pencil is 6 cm long. Who is correct?

- (a) Zoe (b) Mike (c) Both are wrong (d) None of these

29. How many months in a year has less than 31 days in a leap year?

- (a) 7 (b) 4 (c) 5 (d) 12

30. Which one of the following represent the 3 hours?

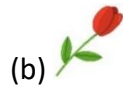


31. Mansa wants to light crackers till 10 p.m. The clock given shows the present time . For how many minutes more Mansa can light crackers?



- (a) 60 minutes (b) 40 minutes (c) 30 minutes (d) 20 minutes

32. If  is called ,  is called as ,  is called as , then which flower blossoms in water?



33. Which of the following words CANNOT be formed from the letters of the given word?

LEARNING

(a) ANGEL

(b) GRAIN

(c) ALONG

(d) ALIGN

34. Kavya wants to buy a helicopter. He has ₹40. How much more money he need to buy two such toys?



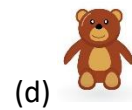
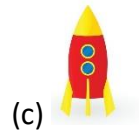
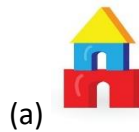
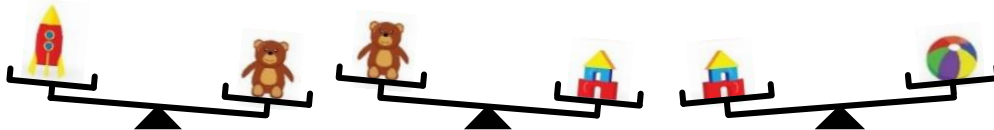
(a) ₹50

(b) ₹30

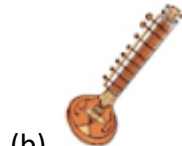
(c) ₹70

(d) ₹60

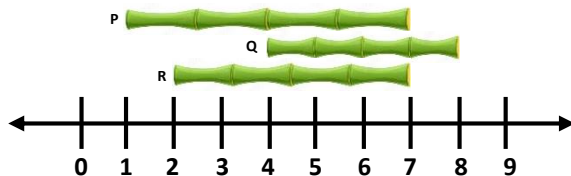
35. Which toy is the heaviest?



36. Choose the musical instrument which is different from others?



37. Arrange the given bamboo sticks from the largest to smallest and select the correct option.



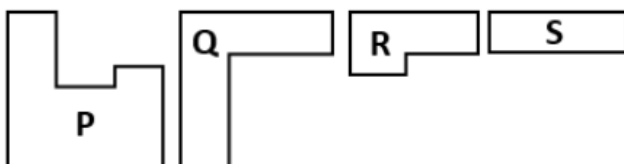
(a) R, P, Q

(b) Q, R, P

(c) P, Q, R

(d) P, R, Q

38. Shape _____ and _____ will form a square?



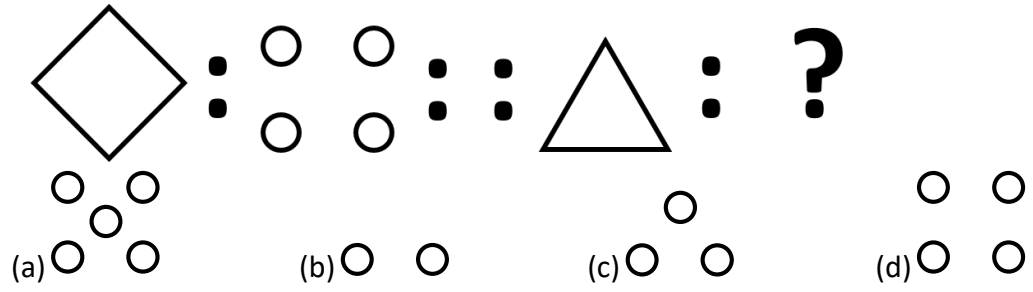
(a) P, Q

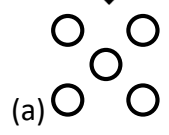

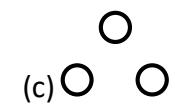
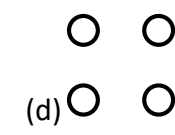
(b) P, R

(c) P, S

(d) R, S

39. There is a certain relationship between the pair of figures on either side of :: identify the relationship of the given pair and find the missing figure?



(a)  (b)  (c)  (d) 

40. How many groups of 5 ice cubes each can be formed from the given ice cubes?



(a) 2

(b) 3

(c) 4

(d) 5

Daily Life Problem

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

41. What is the first thing you should do after waking up?



- (a) Eat candy (b) Go back to sleep (c) Brush your teeth (d) Watch cartoons

42. Your water bottle spills in the hallway. What should you do?



- (a) Walk away quietly (b) Tell a teacher and help clean it
(c) Blame someone else (d) Step over it and keep going

43. You forgot to do your homework. What's the best thing to do?



- (a) Copy someone else's (b) Tell the teacher honestly and do it later
(c) Blame your sibling (d) Skip school

44. You are at a birthday party. The cake is being served. What do you do?



(a) Grab the biggest piece

(b) Wait patiently for your turn

(c) Push others aside

(d) Ask for cake twice

45. Someone gives you a gift you don't like. What is the polite thing to say?



(a) "Eww, I don't like this."

(b) "Why this gift?"

(c) "Thank you very much!"

(d) "Is this all?"

46. It's raining and you forgot your umbrella. A classmate offers to share. What should you say?



(a) "No thanks, I'll get wet."

(b) "You better not get me wet."

(c) "Thank you, that's very kind!"

(d) Say nothing and walk away

47. How can you be ready for school in the morning?

(a) Sleep late

(b) Pack your bag the night before

(c) Forget your homework

(d) Miss the bus

48. When you finish your homework, what should you do?



(a) Tear it

(b) Show it to your teacher or parents

(c) Hide it

(d) Throw it away

49. What is a good bedtime routine?



(a) Eat candy and play games

(b) Watch TV all night

(c) Brush teeth, wear pajamas, go to bed

(d) Jump on the bed

50. What should you do before crossing the road?



(a) Run quickly

(b) Close your eyes

(c) Look both ways

(d) Shout loudly

ANSWER KEY

1.	C	2.	D	3.	C	4.	D	5.	B
6.	C	7.	C	8.	C	9.	A	10.	B
11.	B	12.	C	13.	B	14.	C	15.	B
16.	A	17.	B	18.	A	19.	B	20.	B
21.	B	22.	B	23.	D	24.	D	25.	D
26.	B	27.	C	28.	B	29.	C	30.	A
31.	C	32.	A	33.	C	34.	D	35.	A
36.	D	37.	D	38.	B	39.	C	40.	B
41.	C	42.	B	43.	B	44.	B	45.	C
46.	C	47.	B	48.	B	49.	C	50.	C