TALENT QUEST

NELTAS
PATH TO
EDUCATIONAL EXCELLENCE

GRADE **5**

SAMPLE
QUESTION PAPER

EXAM DETAILS

TOTAL MARKS	QUESTIONS	DURATION	EXAM MODE
100	**50**	**60 mins**	**ONLINE**

Skills that will be tested

PICTORIAL REASONING	VERBAL REASONING	GENERAL AWARENESS
LOGICAL REASONING	CRITICAL REASONING	PROBLEM SOLVING

Important Instructions:

➲ All questions are multiple-choice format.

➲ Negative marking will apply for every wrong answer.

➲ The exam will be conducted online and proctored by an invigilator.

Section A: Verbal Reasoning

1. **Rearrange the letters of 'TORPENAC' to form a meaningful word.**
   a. PORTANCE
   b. PERCENTAO
   c. ACCEPTOR
   d. CONCERTAP

2. **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**
   Look at the letter pairs: CA EE GH IL KO ___
   Find the pair of letters that comes next and write it in the blank.
   (Hint: Look separately at the first letters of each pair. Then look separately at the second letters of each pair.)
   a. RM
   b. MA
   c. MS
   d. MR

3. **The sentence below has a word with its letters mixed up. Unscramble the word in CAPITAL letters and write the correct word on the line.**
   The actress found the critic's SKRAMER upsetting.
   a. SARKASM
   b. MARKERS
   c. REMARKS
   d. MAKERS

4. **Riya tiptoed into the room, careful not to make any noise. She looked around and quickly hid a small box behind the curtain. Then she smiled and walked out.**
   What can you guess Riya was doing?
   a. Playing hide and seek
   b. Hiding a gift or surprise
   c. Cleaning the room
   d. Looking for something

5. **The storm caused chaos in the city, with trees falling and roads blocked everywhere.**
   What does 'chaos' mean in this sentence?
   a. A peaceful moment
   b. A busy market
   c. Complete disorder
   d. A street party

6. **A three-letter word is missing from the CAPITAL word in the sentence below. Add the three letters to make a complete word that makes sense.**
   If you still can't find your lost purse by first thing next week, we'd better go back and have a careful look around the place where we were sitting during the performance on _ _ _ U R D A Y evening.
   a. WED
   b. FRY
   c. SUN
   d. SAT

For questions 7 to 10, choose the pair that best represents a similar relationship to the one expressed in the original pair of words.

7. **FISH : SCHOOL**
   a. wolf : pack
   b. elephant : jungle
   c. beagle : clan
   d. cow : farm

8. **BRISTLE : BRUSH**
   a. arm : leg
   b. stage : curtain
   c. recline : chair
   d. key : piano

9. **PETAL : FLOWER**
   a. salt : pepper
   b. tire : bicycle
   c. sandals : shoes
   d. puppy : dog

10. **AWAKE : ASLEEP**
    a. Hot: Warm
    b. Hot: Cold
    c. Sunny: Warm
    d. Burning : Hot

Section B: Logical and Pictorial Reasoning

For questions 11 to 15, determine the pattern of the numbers in each series and choose which number comes next.

11. **Which number is the odd one out: 11, 22, 33, 42, 55?**
    a. 11
    b. 22
    c. 42
    d. 55

12. **Find the next number in the series: 2, 4, 8, 16, ＿＿＿**
    a. 24
    b. 30
    c. 32
    d. 20

13. **What comes next? A2, C4, E6, G8, ＿＿＿**
    a. I10
    b. H9
    c. J12
    d. I11

14. Look at this series: 58, 52, 46, 40, 34, ___ What number should come next?
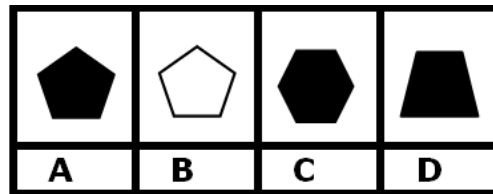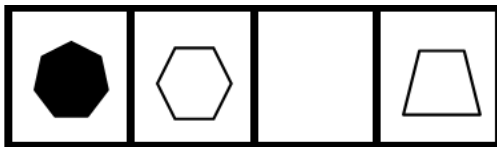- a. 26
- b. 28
- c. 30
- d. 32

15. Look at this series: 3, 4, 7, 8, 11, 12, ___ What number should come next?
- a. 7
- b. 10
- c. 14
- d. 15

For questions 16 to 20, look carefully at the series of symbols and find the pattern.

16. Identify the missing figure from the four figures given.

- a. A
- b. B
- c. C
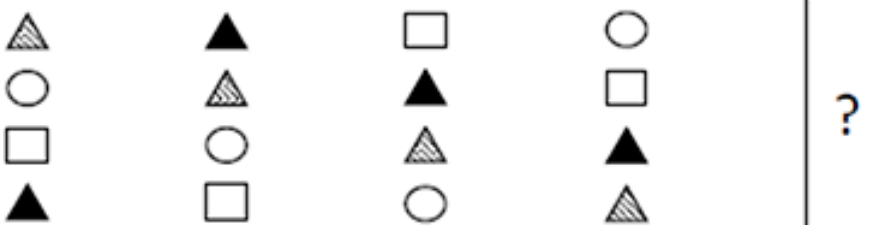- d. D

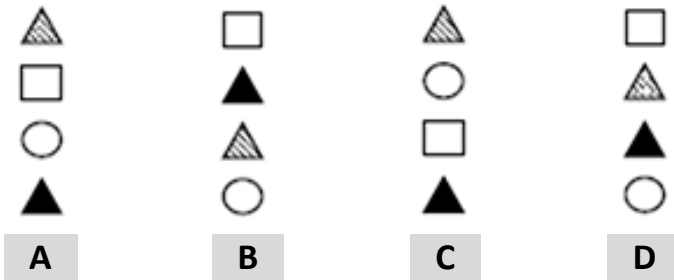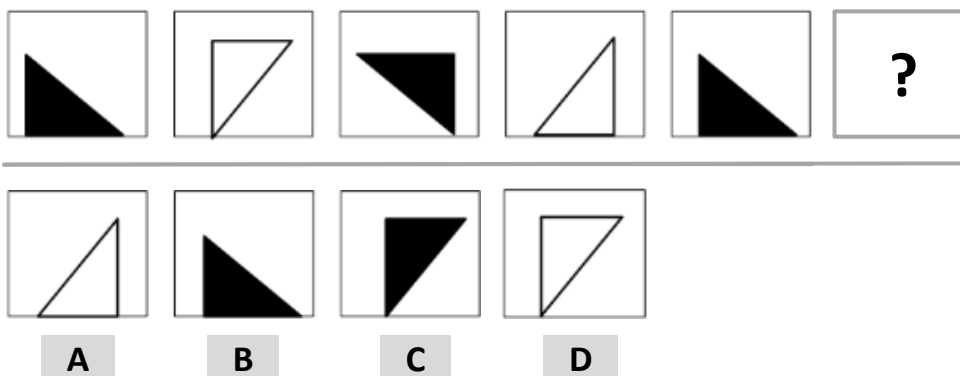**17. Which box comes next in the sequence?**

- a. A
- b. B
- c. C
- d. D

18. Which set of figures comes next in the sequence?

a. A
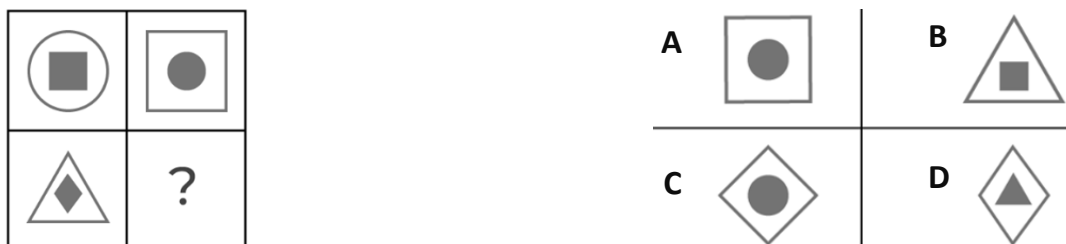b. B
c. C
d. D

19. Which of the boxes from A to D comes next in the sequence?

a. A
b. B
c. C
d. D

20. Select the figure that will replace the question mark.

a. A
b. B
c. C
d. D

Carefully read each question from 21 to 25, and follow the instructions to find your answer.

21. Find the number that will complete the equation correctly.

44 - 8 = ? x 9

a. 6
b. 5
c. 4
d. 3

22. Follow these steps:
1. **Take two away from eight.**
2. **Multiply the answer by three.**
3. **Add six.**
What is your final answer?
a. 12
b. 18
c. 20
d. 24

23. Multiply the second number by the sum of the first and last numbers: 22, 4, 3
a. 100
b. 155
c. 75
d. 125

24. Subtract the third number from the quotient of the first two (39 is the dividend and 3 is the divisor): 39, 3, 4
a. 8
b. 10
c. 7
d. 9

25. Add the first number to the product of the last two: 16, 7, 4
a. 27
b. 44
c. 37
d. 54

Section C: Critical Thinking and Problem Solving

For questions 26 to 28, find the statement that must be true according to the given information.

26. Erin is twelve years old. For three years, she has been asking her parents for a dog. Her parents have told her that they believe a dog would not be happy in an apartment, but they have given her permission to have a bird. Erin has not yet decided what kind of bird she would like to have.
a. Erin's parents like birds better than they like dogs.
b. Erin does not like birds.
c. Erin and her parents live in an apartment.
d. Erin and her parents would like to move.

27. Last summer, Mike spent two weeks at a summer camp. There, he went hiking, swimming, and canoeing. This summer, Mike looks forward to attending a two-week music camp, where he hopes to sing, dance, and learn to play the guitar.
a. Mike's parents want him to learn to play the guitar.
b. Mike prefers music to outdoor activities.
c. Mike goes to some type of camp every summer.
d. Mike likes to sing and dance.

28. **On weekends, Mr. Sanchez spends many hours working in his vegetable and flower gardens. Mrs. Sanchez spends her free time reading and listening to classical music. Both Mr. Sanchez and Mrs. Sanchez like to cook.**
    a. Mr. Sanchez enjoys planting and growing vegetables.
    b. Mr. Sanchez does not like classical music.
    c. Mrs. Sanchez cooks the vegetables that Mr. Sanchez grows.
    d. Mrs. Sanchez enjoys reading nineteenth-century novels.

For questions 29 to 35, read the paragraph carefully and determine the main point the author is trying to make.

29. **If you're a fitness walker, there is no need for a commute to a health club. Your neighbourhood can be your health club. You don't need a lot of fancy equipment to get a good workout, either. All you need is a well-designed pair of athletic shoes.**
    a. You do not need to join a health club to get a good workout as a fitness walker.
    b. Fancy and expensive exercise equipment is necessary for effective fitness walking.
    c. Fitness walking should only be done indoors to avoid bad weather.
    d. Health clubs are the best place for all types of exercise.

30. **Many people believe that reading fiction is just for entertainment, but it can actually improve empathy. When you read stories about different characters and their experiences, you learn to understand other people's feelings. This helps you connect with others better in real life.**
    a. Reading fiction only entertains you and has no other benefits.
    b. Reading fiction can help you better understand and relate to others.
    c. Real-life experiences are more valuable than reading books.
    d. Empathy cannot be learned from books, only from direct contact with people.

31. **Solar energy is a clean way to generate power because it does not produce harmful gases. Solar panels convert sunlight into electricity, making them a renewable energy source. Many homes and businesses are switching to solar power to help protect the environment.**
    a. Solar power is harmful to the environment because it uses sunlight.
    b. Solar energy helps reduce pollution and is a renewable power source.
    c. Electricity generation is impossible without burning fossil fuels.
    d. Using solar power is less efficient than traditional energy.

32. **Here is a statement and the conclusion based on the statement. Choose the correct option based on the given details.**
    Statement: All the students in Mr. Verma's class enjoy science experiments.
    Conclusion: Ankit, a student in Mr. Verma's class, enjoys science experiments.
    a. Definitely true
    b. Possibly true
    c. Cannot say
    d. Definitely false

33. **Critical reading is a demanding process. To read critically, you must slow down your reading and, with pencil in hand, perform specific operations on the text. Mark up the text with your reactions, conclusions, and questions. When you read, become an active participant.**
    This paragraph best supports the statement that:
    a. Critical reading is a slow, dull, but essential process.
    b. The best critical reading happens at critical times in a person's life.
    c. Critical reading requires thoughtful and careful attention.
    d. Critical reading should take place at the same time each day.

34. **For many years, school cafeterias tried to make lunches like fast-food places, giving kids things like burgers, fries, pizza, hot dogs, and French fries. Now, schools all over the country are trying to change this. They are adding healthier foods to lunch menus that are still tasty and not too expensive, so students will want to eat them.**
    This paragraph best supports the statement that:
    a. School cafeterias used to serve mostly fast-food style meals like burgers and fries.
    b. Schools are now adding simple and affordable healthy food choices to lunch menus.
    c. Students do not like eating pizza, hot dogs, or French fries at school.
    d. Fast-food restaurants do not offer any healthy food options.

35. **By the time they become adults, most people can do many different tasks that require motor skills. Motor skills include a variety of activities like riding a bike, threading a needle, and cooking a meal. What these activities share is that they all depend on precise and well-timed muscle movements.**
    a. Motor skills are only needed for sports and exercise.
    b. Activities like riding a bicycle, threading a needle, and cooking require precise muscle movements.
    c. Adults forget how to perform motor skills they learned as children.
    d. Timing and precision are not important for most daily tasks.

For questions 36 to 40, determine the first step or the best way to solve a problem.

36. **Ron went to the store and bought 3 bags of chips for $4.25 each, and 2 cans of milk for $3.20 each. How much did he spend in total?**
    What should you find first to solve this problem?
    a. First, add the price of a bag of chips and 2 cases of soda.
    b. First, find out the total price for 2 cans of milk and the total price of 3 bags of chips. Then add those amounts together.
    c. First, find out the total price for 1 can of milk and 1 bag of chips. Then multiply that amount by the total of 1 can of milk and 2 bags of chips.
    d. First, find out the product of 3 bags of chips and 2 cans of milk.

37. **Luis wants to earn $50 to buy his mom a gift. He earned $12.75 mowing lawns, $9.50 cleaning cars, and $11.80 walking dogs. How much more money does Luis have to reach his goal?**
    Which of the following is NOT a math operation needed to solve this problem?
    a. Add up all the money he earned.
    b. Subtract the total money he earned from $50.
    c. Add $50 to all the amounts he earned.
    d. Find the difference between his goal and the money he has earned.

38. **Reggie went to the store. He bought three bags of dog treats for $1.57 each, kitty litter for $2.75, and four bags of hamster food for $1.38 each. How much money did Reggie give the cashier? What is the first step you will need to do to solve this problem?**
    a. You just need to add all of the decimal numbers together.
    b. You just need to find the product of all the decimal numbers together.
    c. You will first need to find out the total amount Reggie had before buying and then add the cost of all the products he bought, and finally multiply this total with the total amount.
    d. You need to find out how much it costs for 3 bags of dog food. Then you need to find out the cost of 4 bags of hamster food. Finally, add these costs to the cost of the kitty litter.

39. **Suzy bought 2 pounds of grapes for $2.49 per pound and 3 muffins for $0.75 per muffin. How much did she pay for the grapes and the muffins?**
    Which of the following is NOT a needed math operation to solve this problem?
    a. Multiply the price of a pound of grapes by 2.
    b. Add 2 + 3
    c. Multiply the price per muffin by 3.
    d. Add the price of 2 pounds of grapes and the price of 3 muffins

40. **A baker made 125 cupcakes. He sold 85 of them in the morning. In the afternoon, he made another 50 cupcakes. How many cupcakes does the baker have now? What is the best way to solve the problem?**
    a. Subtract 85 from 125, then add 50 to the result.
    b. Add 125 and 85, then subtract 50.
    c. Multiply 125 by 85, then add 50.
    d. Subtract 50 from 125, then subtract 85.

Section D: General Knowledge and Science

Test your general knowledge skills. Choose the correct option for each question from 41 to 50.

41. **Which planet is known as the Red Planet?**
    a. Venus
    b. Mars
    c. Jupiter
    d. Saturn

42. **What is the total number of dots on a dice?**
    a. 30
    b. 21
    c. 22
    d. 23

43. **What is the capital of Malaysia?**
    a. Kuala Lumpur
    b. Hanoi
    c. Tokyo
    d. Bangkok

44. What currency is used in Vietnam?
   a. Ruble
   b. Yen
   c. Dong
   d. Renminbi

45. What insect has six legs and two pair of wings?
   a. Mantis
   b. Caterpillar
   c. Butterfly
   d. Soccer

46. Which city is known as the 'City of Light'?
   a. Tokyo
   b. Hue
   c. Paris
   d. Beijing

47. In ancient history, a Pharaoh was a ruler in which country?
   a. USA
   b. Japan
   c. South Africa
   d. Egypt

48. Which of the following is the longest river in South America?
   a. Nile
   b. Mississippi
   c. Amazon
   d. Yangtze

49. Which force pulls objects towards the centre of the Earth?
   a. Magnetism
   b. Electricity
   c. Friction
   d. Gravity

50. Which force pulls objects toward the centre of the Earth?
   a. Gravity
   b. Magnetism
   c. Electricity
   d. Friction