TALENT QUEST

NELTAS
PATH TO EDUCATIONAL EXCELLENCE

GRADE 9

SAMPLE QUESTION PAPER

EXAM DETAILS

TOTAL MARKS
100

QUESTIONS
50

DURATION
60 mins

EXAM MODE
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

For question 1 to 5, Select the best alternative that has the same relation with this word as the given pair of words.

1. **Elegance : Vulgarity :: Graceful : ?**
   a. Cometh
   b. Dirty
   c. Asperity
   d. Awkward

2. **Skirmish : War :: Disease : ?**
   a. Patient
   b. Medicine
   c. Infection
   d. Epidemic

3. **Prologue : Book :: Overture : ?**
   a. Orchestra
   b. Opera
   c. Song
   d. Composer

4. **Fragment : Sentence :: Shard : ?**
   a. Glass
   b. Sand
   c. Mirror
   d. Rock

5. **Evanescent : Fleeting :: Colossal : ?**
   a. Tiny
   b. Massive
   c. Insignificant
   d. Rare

6. **Which of the following words replaces the blank?**
   "There are no black clothes in Harry's wardrobe as he has _____."
   a. Electrophobia
   b. Musophobia
   c. Melanophobia
   d. Acousticophobia

7. **What does 'INSOLENT' mean?**
   a. Stubborn
   b. Rude
   c. Playful
   d. Selfish

For questions 8 to 10, you will be given a list of three words that make no sense and their English word meanings. The question that follows will ask you to reverse the process and translate an English word into the artificial language.

8. Here are some words translated from an artificial language.
    • **granamelke means big tree**
    • **pinimelke means little tree**
    • **melkehoon means tree house**
    Which word could mean "big house"?
    a. granahoon
    b. pinishur
    c. pinihoon
    d. melkegrana

9. Here are some words translated from an artificial language.
    • **lelibroon means yellow hat**
    • **plekafroti means flower garden**
    • **frotimix means garden salad**
    Which word could mean "yellow flower"?
    a. lelifroti
    b. lelipleka
    c. plekabroon
    d. frotibroon

10. Here are some words translated from an artificial language.
    • **dionot means oak tree**
    • **blyonot means oak leaf**
    • **blycrin means maple leaf**
    Which word could mean "maple syrup"?
    a. blymuth
    b. hupponot
    c. patricrin
    d. crinweel

Section B: Logical and Pictorial Reasoning

For questions 11 to 24, read the questions and choose the correct option.

11. Simon is working on a riddle: "I am a number between 1 and 50. The sum of my digits is not prime, but I myself am prime. In a year, you will only see me 7 times. What number am I?"
    a. 11
    b. 13
    c. 17
    d. 31

12. When a number 984 is added to another 3-digit number 4p3, we get a four-digit number 13q7, which is divisible by 11. What is the value of p + q?
    a. 10
    b. 11
    c. 12
    d. 13

13. **A is the son of C; C and Q are sisters; Z is the mother of Q and P is the son of Z. Which of the following statements is true?**
    a. P and A are cousins.
    b. P is the maternal uncle of A.
    c. Q is the maternal grandfather of A.
    d. C and P are sisters.

14. **Find the missing term in the series: 12, 21, 32, 45, 60, _____?**
    a. 73
    b. 77
    c. 85
    d. 68

15. **If A means +, B means –, C means ×, D means ÷, then what is the value of: 16C3A45D9B7?**
    a. 46
    b. 38
    c. 47
    d. 41

16. **In the following pattern, find the missing elements (represented by __): m, l, l, __, m, l, __, m, l, m**
    a. m, l
    b. l, m
    c. m, m
    d. l, l

17. **Find the missing characters in this sequence of letters and numbers alternating:**
    B2, D4, __, H8, J10, L12, __
    a. F6, N14
    b. G6, M14
    c. E6, M14
    d. F5, N13

18. **If BAD is coded as YZW and FIGHT is coded as URTSG. How will you encode HIGH?**
    a. TRST
    b. SRTS
    c. STSR
    d. TSRT

19. **In a certain code, MUMBAI is written as 434219, how is GUJARAT written in that code?**
    a. 7133912
    b. 7321192
    c. 7311912
    d. 7312913

20. Which of the following figures replaces the second pair the same as the first pair?

a.   b.   c.   d.
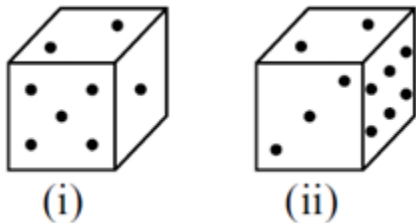
21. I bought a watch for $60. What will it fetch if I sell it at a gain of 25%?

a. $85   b. $75   c. $65   d. $100

22. A, B, and C are three points on the ground. Point A is east of point B, and ∠ABC is 90° measured in the clockwise direction. In what direction is point C from point B?
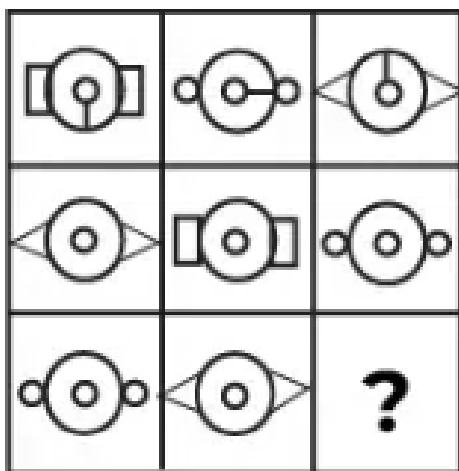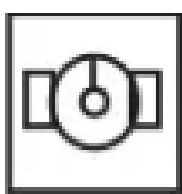
a. North
b. South
c. West
d. East

23. Two positions of a dice are given below. When 1 is at the top, which number will be at the bottom?

(i)   (ii)
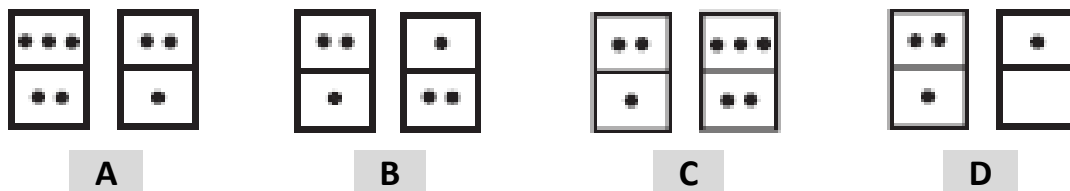
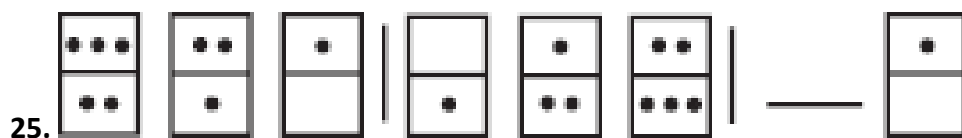a. 2   b. 3   c. 4   d. 6

24. Select a suitable figure from the four alternatives to complete the figure matrix.

a.   b.   c.   d.
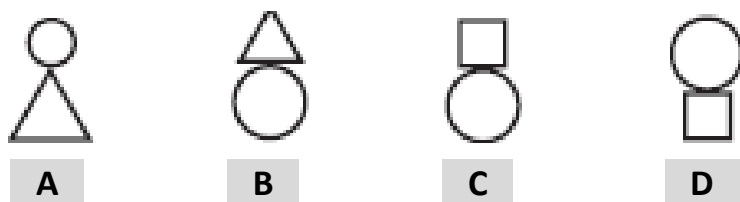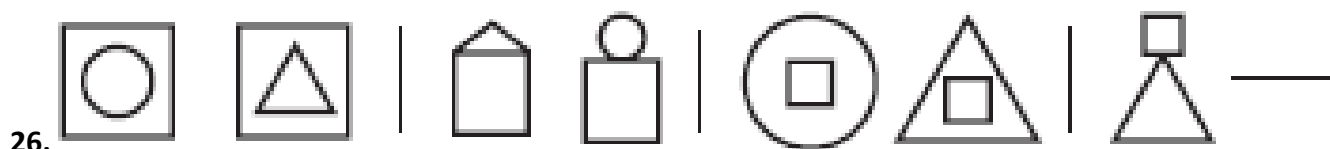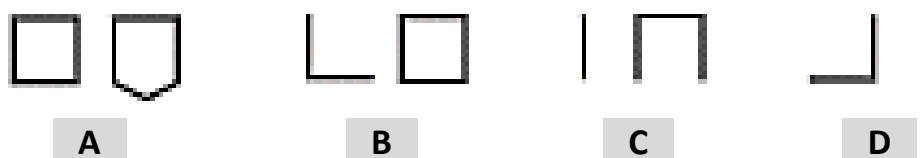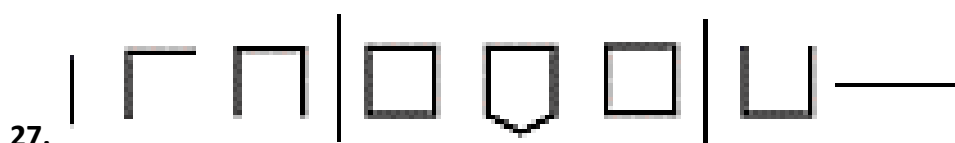
Questions 25 to 27 contain sequence questions that use a series of nonverbal, non-numerical symbols. Examine the sequence of symbols carefully to identify the pattern.

25.

A   **B**   **C**   **D**

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

26.

A   **B**   **C**   **D**

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

27.

A   **B**   **C**   **D**

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

Section C: Critical Thinking and Problem Solving

For questions 28 to 30, read the statements and the conclusion, and then decide which of the given conclusions logically follows the statements.

28. Statement: All hens are great. Only a few monkeys are rats. No rat is great.
    Conclusion:
    1. **Only a few monkeys are hen.**
    2. **All monkeys are great.**
    a. only (1) conclusion follows
    b. only (2) conclusion follows
    c. either (1) or (2) conclusion follows
    d. neither (1) nor (2) conclusion follows

29. Statement: Only Choco are potatoes. No Choco is tasty.
    Conclusion:
    1. **Some potatoes can be tasty.**
    2. **Some Choco can be tasty.**
    a. only (1) conclusion follows
    b. only (2) conclusion follows
    c. either (1) or (2) conclusion follows
    d. neither (1) nor (2) conclusion follows

30. Statement: All wait are onion. Some wait are shadow. No shadow is comb
    Conclusion:
    1. **Some onion are not comb.**
    2. **Some shadow being onion is a possibility.**
    a. only (1) conclusion follows
    b. only (2) conclusion follows
    c. either (1) or (2) conclusion follows
    d. neither (1) nor (2) conclusion follows

Read the extract and analyse the arguments made by the author as given in questions 31 to 33.

Giving children computers in grade school is a waste of money and teachers' time. These children are too young to learn how to use computers effectively and need to spend time on learning the basics, like arithmetic and reading. After all, a baby has to crawl before she can walk.

31. **Which of the following methods of argument is used in the previous passage?**
    a. A specific example that illustrates the speaker's point
    b. Attacking the beliefs of those who disagree with the speaker
    c. Relying on an analogy to prove the speaker's point
    d. Displaying statistics that back up the speaker's point

32. **Which of the following, if true, would strengthen the speaker's argument?**
    a. Studies showing computers are expensive
    b. Research on the effect of computer games on children
    c. Proof that the cost of computers is coming down
    d. Evidence that using computers makes learning to read difficult

33. Which of the following, if true, would weaken the speaker's argument?
   a. A demonstration that computers can be used to teach reading and arithmetic
   b. Analysis of the cost-effectiveness of new computers versus repairing old computers
   c. Examples of adults who do not know how to use computers
   d. Recent grade reports of students in the computer classes

For questions 34 to 39, read the given scenarios and choose the best possible answer.

34. People speculate when they consider a situation and assume something to be true based on inconclusive evidence. Which situation below is the best example of speculation?
   a. Francesca decides that it would be appropriate to wear jeans to her new office on Friday after reading about "Casual Fridays" in her employee handbook.
   b. Safa spends thirty minutes sitting in traffic and wishes that she took the train instead of driving.
   c. After consulting several guidebooks and her travel agent, Jennifer feels confident that the hotel she has chosen is first-rate.
   d. When Emily opens the door in tears, Theo guesses that she's had a death in her family.

35. Embellishing the truth occurs when a person adds fictitious details or exaggerates facts or true stories. Which situation below is the best example of embellishing the truth?
   a. Isabel goes to the theatre, and the next day, she tells her coworkers she thought the play was excellent.
   b. The realtor describes the house, which is about a kilometre away from the ocean, as prime waterfront property.
   c. During the job interview, Fred, who has been teaching elementary school for ten years, describes himself as a very experienced teacher.
   d. The basketball coach says it is likely that only the most talented players will get a college scholarship.

36. An informal gathering occurs when a group of people get together in a casual, relaxed manner. Which situation below is the best example of an Informal Gathering?
   a. The book club meets on the first Thursday evening of every month.
   b. After his promotion, Jeremy and his coworkers go out for dinner.
   c. Mary sends out 25 invitations for the bridal shower she is giving for her sister.
   d. Clara often runs into Peter when she eats at the Mexican restaurant.

37. Tiebreaker is an additional contest or period of play designed to establish a winner among tied contestants. Which situation below is the best example of a tiebreaker?
   a. At halftime, the score is tied at 28.
   b. Mary and Megan have each scored three goals in the game.
   c. The referee tosses a coin to decide which team will have possession of the ball first.
   d. The Sharks and the Bears each finished with 14 points, and they are now battling it out in a five-minute overtime.

38. Erratic behaviour occurs when an individual acts in a manner that lacks consistency, regularity and uniformity. Which situation below is the best example of erratic behaviour?
   a. Julia gets angry whenever people talk about local politics.
   b. After learning he's being laid off, Martin punches a hole in the door before leaving his supervisor's office.
   c. Rhonda has visited the dealership multiple times but still can't choose a car.
   d. In the past month, Jeffrey, usually a model employee for three years, has often called in sick, missed important meetings, and spoken harshly to colleagues.

39. **In the Maple Hill school district, a five-day suspension occurs when a student is not permitted to attend school for five days for:**
    1. **physically assaulting another student, a teacher or a school employee or**
    2. **willfully destructing or defacing school property.**

    Which situation below is the best example of a five-day suspension?
    a. Lillian gets caught cheating on a math test for the second time and is suspended from school.
    b. Marc is asked to leave the classroom due to his constant disruptions.
    c. Fiona uses spray paint to write derogatory comments on the locker room wall and she is given a suspension.
    d. Ms. Farmer tells her class that students who fail the midterm exam will be expected to stay after school for tutoring help.

Section D: General Awareness

Choose the correct option for questions 40 to 50.

40. **Claim 1: Democracy improves social equality.**
    Claim 2: Autocratic regimes enforce discipline faster.
    Which evidence supports Claim 1?
    a. Democracies ensure voting rights and protections for minorities.
    b. Autocratic regimes impose strict laws without public input.
    c. Autocracies maintain order through centralized power.
    d. Democracies limit public participation in government decision-making.

41. **Claim: Climate change leads to extreme weather events. What evidence supports this claim?**
    a. Increased frequency of hurricanes and droughts worldwide
    b. Decrease in global temperatures
    c. Fewer storms in coastal areas
    d. More moderate weather patterns

42. **The sun revolves around the Earth once every 24 hours. True or false? Explain.**
    a. True, because day and night result from the sun's movement.
    b. False, the Earth rotates on its axis once every 24 hours.
    c. True, because the sun moves around the planets.
    d. False, the moon revolves around the sun.

43. **If the population of a country in 1950 was 100 million and it grew at 2% annually, the population in 1960 is calculated as 102 million. Is this correct? Why?**
    a. Yes, because 2% growth for 10 years adds 2 million.
    b. No, because 2% annual growth is compounded, so it should be higher.
    c. No, population should decrease at 2%.
    d. Yes, because the growth rate is steady.

44. **Claim A: Universal suffrage leads to better governance.**
    Claim B: Monarchies provide stability. Which evidence supports Claim A?
    a. Monarchies have hereditary rulers.
    b. Voting rights in democracy help represent people's interests.
    c. Monarchies limit public participation in government.
    d. Monarchies are more stable than democracies.

45. **The ocean produces 50% of the world's oxygen. If this percentage increases by 2% each decade, what percentage will it produce after 20 years?**
    a. 52%
    b. 54%
    c. 50.4%
    d. 60%

46. **A coastal town has 12,000 people. If 25% rely on fisheries for livelihood and fish stocks decline by 10%, how many people might directly be affected?**
    a. 300
    b. 1,200
    c. 2,700
    d. 3,000

47. **Claim: Pollution is a serious threat to ocean life.**
    Which evidence supports this?
    a. Plastic waste harms marine animals.
    b. Oceans naturally clean all pollution.
    c. Pollution has no effect on fish health.
    d. Industrial waste stays on land only.

48. **Claim: Transparency helps reduce political corruption.**
    Which evidence supports this?
    a. Open access to government actions allows public scrutiny.
    b. Corruption is encouraged by transparency.
    c. Transparency hides decision-making processes.
    d. Lack of information stops corruption.

49. **If a country has a parliamentary system, what kind of power does its president usually have?**
    a. Absolute power over the government
    b. Ceremonial power with limited authority
    c. Unlimited executive power
    d. Power to dissolve parliament at will

50. **The United Nations has 193 member countries. Does the majority vote decide all international laws?**
    a. True, majority vote decides all international laws.
    b. False, the UN does not create binding international laws by majority vote alone.
    c. True, every decision is made by majority vote without exceptions.
    d. False, only the Security Council members decide all laws.