



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.

For more info, visit: www.neltas.com/talentquest/

Section A: Verbal Reasoning

For questions 1 to 6, identify the word relationships and choose the correct option.

1. **Clock is to time as thermometer is to _____**
 - a. Heat
 - b. Temperature
 - c. Weather
 - d. Air

2. **Salt is to ocean as sugar is to _____.**
 - a. Fruit
 - b. Water
 - c. Dessert
 - d. Sweetness

3. **Complete the word analogy: ARCHAEOLOGY is the study of ancient _____.'**
 - a. Rocks
 - b. Artifacts
 - c. Buildings
 - d. Paintings

4. **Find TWO words from the given group of words that are closest in meaning:
jog, sprint, amble, stroll, march**
 - a. amble, stroll
 - b. jog, sprint
 - c. sprint, march
 - d. amble, march

5. **Multiply the first figure by the sum of last two: 12, 8, 13**
 - a. 1248
 - b. 144
 - c. 252
 - d. 248

6. **Pick the three-letter word that would complete the word in CAPITALS so it makes better sense.
This magnificent boar looks likely to be the CPION at the Farmers' Show next week.**
 - a. HOG
 - b. HAM
 - c. SOW
 - d. PIG

For questions 7 to 11, choose the answer that best paraphrases the given statements.

7. 'I'm thinking about you. What else can I say? The palm trees on the reverse are a delusion; so is the pink sand. What we have are the usual fractured coke bottles and the smell of backed-up drains, too sweet, like a mango on the verge of rot, which we have also.'
- From 'Postcards', by Margaret Atwood.
- The narrator expresses disappointment felt when a holiday doesn't match expectations.
 - The narrator describes the holiday scene, which is exactly like a beautiful postcard.
 - The narrator has nothing to say.
 - The narrator writes of the complaint she has made to the hotel staff about the poor accommodation.
8. 'Line-drying the washing is better for the environment than using a tumble dryer.'
- Line-drying the washing is good for the environment, unlike using a tumble dryer
 - Line-drying the washing is good for the environment, unlike tumble drying.
 - Drying clothes outdoors is more environmentally friendly than tumble drying.
 - Drying clothes outdoors is better for the environment than using a tumble dryer.
9. 'Before making their permanent move to France, the couple spent three years learning the language.'
- Before making a permanent move to France, the couple spent three years learning French.
 - The couple studied French before relocating to France.
 - Before moving permanently to France, the couple learned the language.
 - The couple spent three years learning the language before their permanent move to France.
10. '"I think you are tongue-tied," said Scully finally to his son, the cowboy, and the Easterner; and at the end of this scornful sentence, he left the room.' - From Stephen Crane's short story, The Blue Hotel.'
- Scully tells his son, the cowboy and the Easterner that they are tongue-tied, then he leaves the room.
 - Scully says I think you are tongue-tied to his son, the cowboy and the Easterner, then leaves the room.
 - Scully is angry with everyone.
 - Scully insults the three men, accusing them of their silence, before storming out of the room.
11. "The physician prescribed medication to alleviate the patient's chronic pain."
- The doctor gave medicine to reduce long-term pain.
 - The nurse assisted with daily pain.
 - The patient suffers from sudden pain.
 - The medication caused pain.

For questions 12 and 13, read the given extracts and identify their main idea.

12. Close-up images of Mars by the Mariner 9 probe indicated networks of valleys that looked like the stream beds on Earth. These images also implied that Mars once had an atmosphere that was thick enough to trap the sun's heat. If this were true, something happened to Mars billions of years ago that stripped away the planet's atmosphere.

What is the main idea of this passage?

- Mariner 9's images revealed valley networks on Mars, suggesting it once had a thick, heat-trapping atmosphere that disappeared billions of years ago.
- Mariner 9 discovered that Mars has a thin atmosphere today, and its valleys were formed recently by frozen water flows on the surface.

- c. The valleys on Mars photographed by Mariner 9 prove the planet currently has flowing rivers similar to Earth.
- d. Mariner 9 found that Mars once had a thick atmosphere like Earth, which still exists today, maintaining warm surface temperatures.

13. Forest fires feed on decades-long accumulations of debris and leap from the tops of young trees into the branches of mature trees. Fires that jump from treetop to treetop can be devastating. In old-growth forests, however, the shade of mature trees keeps thickets of small trees from sprouting, and the lower branches of mature trees are too high to catch the flames.

- a. All forests are equally vulnerable to treetop fires regardless of tree age or structure.
- b. Old-growth forests never experience fires because their tree branches are too high.
- c. Forest fires only occur in forests with young trees and thick undergrowth.
- d. Old-growth forests are less prone to severe treetop fires.

Section B: Logical and Pictorial Reasoning

For questions 14 to 18, read the statements and choose the correct option.

14. Sophia is three years older than Kevin will be two years from now. Emma is 10. Kevin is four years younger than Emma was last year. Using this information, decide which of the following statements is true.

- a. Sophia is 10
- b. Sophia is 12
- c. Sophia is 14
- d. Sophia is 15

15. Matthew's dad and Olivia's mum are brother and sister, and Andrew is Olivia's nephew. Hannah is Andrew's sister. Using this information, decide which of the following statements is true.

- a. Matthew and Olivia are not cousins.
- b. Matthew and Olivia are brother and sister.
- c. Hannah is Olivia's niece.
- d. Hannah and Olivia are not related.

16. Daniel is half as old as Surita, who is two years older than Christopher. Ashley is 1 year older than Surita was 2 years ago. Christopher is 10. Using this information, decide which of the following statements is true.

- a. Christopher is the oldest.
- b. Surita is the oldest.
- c. Daniel is the oldest.
- d. Ashley is the youngest.

17. Bedisa, Andrew, William, Julie, and Sarah met while on holiday with their parents and took part in a range of fun activities. Julie did all the activities. All the girls and Andrew took part in face painting. Andrew and Sarah were the only ones not to do banana boating. Julie, Sarah, and Andrew did archery. Other than Julie, only Andrew did paintball. Using this information, decide which of the following statements is true.

- a. Sarah did banana boating.
- b. William did paintball.
- c. Andrew did not do archery.
- d. Julie did paintball.

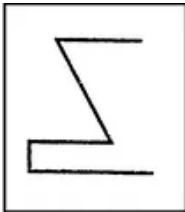
18. Ryan does not have blue eyes. Darshan does not have green eyes. Grace has brown eyes. Sarah's eyes are not blue and not the same colour as Ryan's. Grace has the same colour eyes as Ryan. Darshan's eyes are not the same colour as Ryan's or Grace's. Using this information, decide which of the following statements is true.

- All the children have brown eyes.
- 3 of the children have blue eyes.
- 2 of the children have brown eyes.
- Darshan has green eyes.

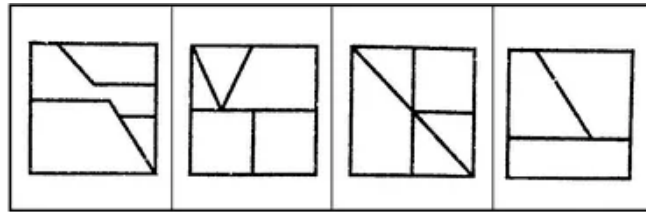
A figure is said to be embedded in another figure when the second figure completely contains the first figure.

For questions 19 to 21, a question figure and a set of four answer figures (A), (B), (C) and (D) are given. Find out the answer figure in which the question figure is embedded.

19. Question figure



Answer Figures



A

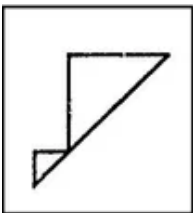
B

C

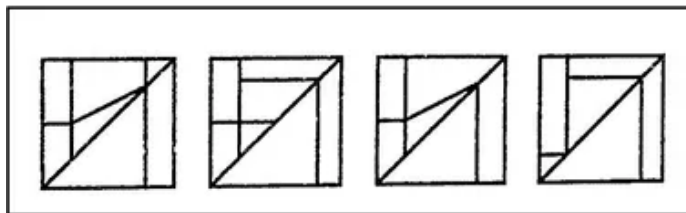
D

- A
- B
- C
- D

20. Question Figure



Answer Figures



A

B

C

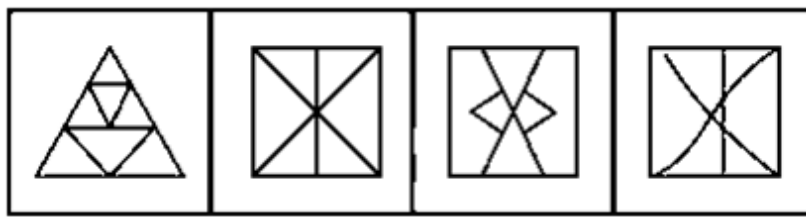
D

- A
- B
- C
- D

21. Question Figure



Answer Figures



A

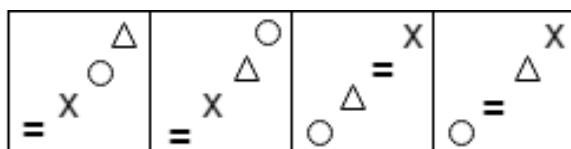
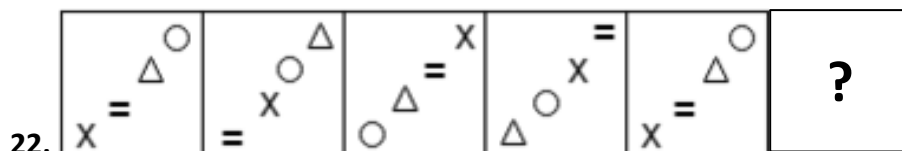
B

C

D

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

From questions 22 to 24, choose the missing figure from the given options (A/B/C/D) to complete the pattern.



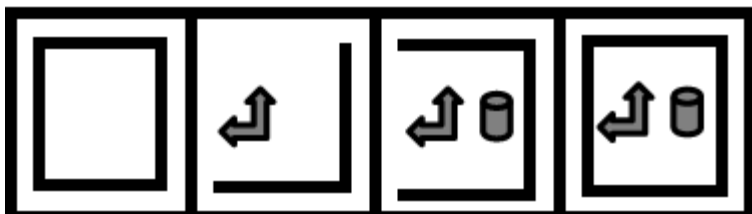
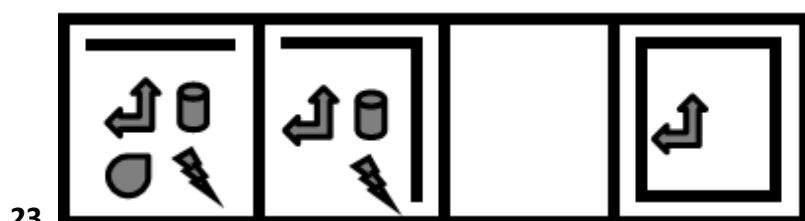
A

B

C

D

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



A

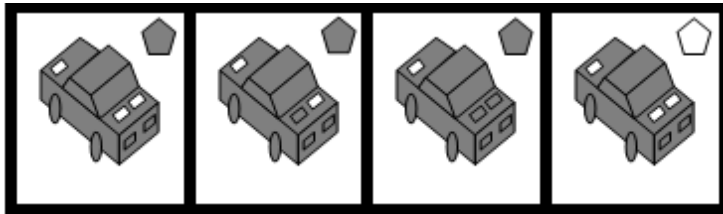
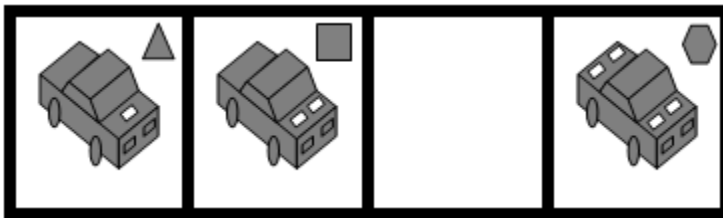
B

C

D

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

24.



A

B

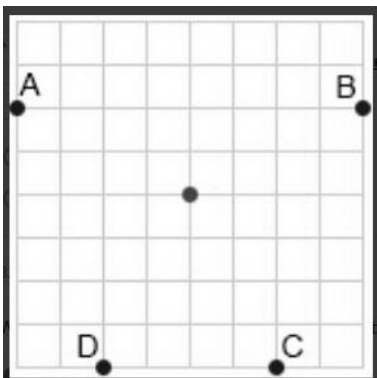
C

D

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

Carefully read the questions from 25 to 27, and choose the correct option.

25. The centre dot will be moved 4 to the right and 2 up. Where will it land?



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

26. If you are walking east and then turn left, which direction are you now walking?

- a. North
- b. South
- c. East
- d. West

27. Starting from the point X, Jayant walked 15 m towards West. He turned left and walked 20 m. He then turned left and walked 15 m. After this he turned to his right and walked 12 m. How far and in which direction is now Jayant from point X?

- a. 32 m, South
- b. 47 m, East
- c. 42 m, North
- d. 27 m, South

Section C: Critical Thinking and Problem Solving

For questions 28 to 30, find the statement that must be true according to the given information.

- 28. As part of a chemistry assignment, Arjun tested how temperature affects the solubility of sugar in water. He prepared three beakers with identical amounts of water at 20°C, 40°C, and 60°C. He added sugar to each beaker, stirred for exactly two minutes, and measured how much sugar dissolved. All beakers were kept under the same lighting conditions, and the same type of sugar and water was used.**
- a. Arjun increased the stirring time for higher temperatures.
 - b. Arjun tested the effect of temperature while keeping other factors constant.
 - c. Arjun discovered that sugar dissolves faster in warmer water.
 - d. Arjun used different amounts of sugar in each beaker.
- 29. For a school newsletter, Meera interviewed four local entrepreneurs, visited two factories, and attended a community meeting on small business growth. She wrote an article explaining how these local businesses create jobs for young people. She also included photographs from her visits.**
- a. Meera's article included photos from the factories she visited.
 - b. Meera only interviewed people who worked in factories.
 - c. Meera's work focused exclusively on agriculture.
 - d. Meera's interviews were all conducted at the community meeting.
- 30. During a science club field trip, students collected water samples from a river at three different points. They measured pH levels, checked for pollutants, and recorded water temperature. Later, Priyanka plotted the data on graphs to compare conditions along the river. The group submitted their findings to the local environmental agency.**
- a. Priyanka created graphs showing pH, pollutants, and temperature data.
 - b. The students collected samples from lakes as well as the river.
 - c. The environmental agency requested the data for a national survey.
 - d. The pH levels were the same at all three points.

For questions 31 to 35, read the arguments presented. For each question, choose the statement that most strengthens the argument.

- 31. Brendon had the option of buying the blue car or the red car. The blue car was cheaper than the red car. So, Brendon bought the blue car. But he regretted his decision soon as the blue car broke down several times, leading to very expensive repairs. So, he decided to sell his blue car and buy the red car. Which of the following strongly supports the argument?**
- a. The red car is known to be a more famous and widely demanded car.
 - b. The blue car consumes more fuel than the red car.
 - c. The red car is known to be less problematic than the blue car.
 - d. The blue car consumes less fuel than the red car.
- 32. A school's science club wants the city council to ban single-use plastic bottles in public parks. They argue that these bottles take hundreds of years to decompose and often end up polluting rivers and lakes. Which of the following best strengthens the science club's argument?**
- a. Plastic fragments in water can be harmful to fish and other aquatic life.
 - b. People often forget to carry reusable bottles.
 - c. Public parks already have trash bins.
 - d. Glass bottles are heavier to carry than plastic bottles

33. A local government proposes building more public bike lanes to reduce traffic congestion and improve air quality. They argue that safer biking routes will encourage more residents to cycle instead of using cars. Which of the following best strengthens the government's proposal?

- a. A recent city survey shows that 65% of residents would bike to work if there were safer routes.
- b. Car owners often complain about parking shortages.
- c. Cycling helmets are expensive to buy.
- d. The city holds an annual cycling race.

34. An environmental NGO is campaigning for more rooftop gardens in big cities. They argue that these gardens help reduce heat, absorb carbon dioxide, and increase biodiversity.

Which of the following best strengthens the NGO's campaign?

- a. A study found that rooftop gardens can reduce surrounding air temperatures by up to 4°C.
- b. Gardens require regular watering and maintenance.
- c. Most skyscrapers have air conditioning systems.
- d. Apartment residents sometimes dislike rooftop access rules.

35. A literature teacher argues that reading novels improves empathy in students. She claims that experiencing diverse characters' perspectives helps students understand feelings different from their own. Which of the following best strengthens the teacher's claim?

- a. Research shows that students who read fiction score higher on empathy tests than those who do not.
- b. Some students prefer watching movies instead of reading novels.
- c. Libraries often recommend both fiction and non-fiction books.
- d. The plots of novels can be complex and time-consuming to read.

Which of the following conclusions is/are correct based on the statements given for Q36 to Q40?

36. Statement: All multiples of 4 are even numbers. Some even numbers are prime.

Which conclusion must be true?

- a. Some multiples of 4 are prime.
- b. All prime numbers are multiples of 4.
- c. Some even numbers are multiples of 4.
- d. No even number is prime.

37. Statement: All squares are rectangles. Some rectangles are parallelograms.

What can be concluded?

- a. All squares are parallelograms.
- b. Some parallelograms are squares.
- c. Some rectangles are squares.
- d. All rectangles are squares.

38. Statement: If a number is divisible by 5, then it ends in 0 or 5.

Fact given: 62 does not end in 0 or 5.

What can we conclude about 62?

- a. It is divisible by 5
- b. It is not divisible by 5
- c. It ends in 5
- d. None of these

39. Statements:

- a. All prime numbers greater than 2 are odd.
- b. No even number greater than 2 is prime.

Conclusions:

- I. 11 is a prime number greater than 2, so it is odd.
 - II. 14 is an even number greater than 2, so it is not prime.
- a. Only I follows
 - b. Only II follows
 - c. Both I and II follow
 - d. Neither I nor II follows

40. Statements:

- a. All numbers that are divisible by 4 are even.
- b. Some even numbers are divisible by 6.

Conclusions:

- I. Some numbers divisible by 4 are divisible by 6.
 - II. All numbers divisible by 6 are even.
- a. Only I follows
 - b. Only II follows
 - c. Both I and II follow
 - d. Neither I nor II follows

Section D: General Awareness**41. What type of energy is produced by the sun and used by plants to carry out photosynthesis?**

- a. Thermal energy
- b. Electrical energy
- c. Solar energy
- d. Chemical energy

42. In which ancient civilization were Pharaohs rulers?

- a. Mesopotamia
- b. Egypt
- c. Greece
- d. Rome

43. What is the primary purpose of a constitution in a country?

- a. To collect taxes
- b. To set rules for government and citizens
- c. To declare war
- d. To choose leaders randomly

44. Voting in elections is important because it:

- a. Allows citizens to choose their leaders
- b. Is compulsory in all countries
- c. Ensures the government never changes
- d. Helps citizens avoid paying taxes

45. Which global organization aims to maintain peace and solve international problems?

- a. NATO
- b. United Nations
- c. World Bank
- d. Red Cross

46. Climate change is mainly caused by the increase of which gas in the atmosphere?

- a. Oxygen
- b. Nitrogen
- c. Carbon dioxide
- d. Helium

47. Which of the following countries voted to leave the European Union in 2016?

- a. France
- b. United Kingdom
- c. Germany
- d. Italy

48. What is 'recycling'?

- a. Using plastic once and throwing it away
- b. Burying waste underground
- c. Burning trash to create energy
- d. Turning waste materials into new products

49. Your school club wants to create a poster encouraging students to save water.

Which slogan best encourages responsible water use and shows understanding of the issue?

- a. "Water is everywhere, so use it freely."
- b. "Save water, save life — every drop counts."
- c. "Water comes from taps, so don't worry."
- d. "Collect rainwater only during holidays."

50. Which of these was an important invention of the ancient civilization of Egypt?

- a. Mathematical principles, with figures like Pythagoras and Euclid
- b. The concept of democracy
- c. Mechanical components such as gears and screws
- d. Papyrus, a material made from the papyrus plant and used for writing

