

# SUN SHINE PUBLIC SCHOOL, NAJIBABAD

## Malti Agarwal Smriti Chatravriti Scholarship Test — 2026

### SAMPLE PRACTICE PAPER

CLASS 8 • Syllabus: Class 7 CBSE • Total: 120 Marks • Time: 60 Minutes

This is a **SAMPLE PAPER** for practice only. The actual test will have **ENTIRELY DIFFERENT** questions.

Roll No.: \_\_\_\_\_ Name: \_\_\_\_\_ School: \_\_\_\_\_

#### GENERAL INSTRUCTIONS:

1. 60 questions, all compulsory. Paper is based on Class 7 CBSE syllabus.
2. +2 marks for each correct answer.
3. -0.25 marks for wrong answer in Maths / Science / English / SST only.
4. NO negative marking in Section A (Mental Ability) and Section B (GK).
5. Practise answering this paper honestly within 60 minutes.
6. Answers are in the Answer Key on the last page of this booklet.

#### SECTION A — MENTAL ABILITY & REASONING (Q.1 to Q.10)

No Negative Marking

**Q.1.** Find the next term: 1, 8, 27, 64, 125, \_\_\_\_

- (a) 196
- (b) 180
- (c) 216
- (d) 225

**Q.2.** Thermometer : Temperature :: Seismograph : ?

- (a) Wind speed
- (b) Rainfall
- (c) Humidity
- (d) Earthquakes

**Q.3.** Which does NOT belong? Square, Rectangle, Rhombus, Circle, Parallelogram

- (a) Circle
- (b) Square
- (c) Rhombus
- (d) Rectangle

**Q.4.** In a code, RAIN is written as 1-2-9-14 (positions in alphabet from end: R=26-17=9, no). Using A=1, B=2...Z=26: KING = ?

- (a) 11-9-7-14
- (b) 11-9-14-7
- (c) 9-11-14-7
- (d) 11-14-9-7

**Q.5.** My mother's brother is my:

- (a) Nephew
- (b) Cousin
- (c) Uncle (Mama)
- (d) Brother-in-law

**Q.6.** A person walks 10 km East, then 24 km North.

The shortest distance from the starting point:

- (a) 30 km
- (b) 28 km
- (c) 32 km
- (d) 26 km

**Q.7.** What day of the week will 1 January 2026 be, if 1 January 2025 was a Wednesday?

- (a) Thursday
- (b) Friday
- (c) Wednesday
- (d) Tuesday

**Q.8.** On a standard die, opposite faces always add up to 7. If the face showing 2 is facing you, which face is at the BACK?

- (a) 4
- (b) 5
- (c) 3
- (d) 6

**Q.9.** A square piece of paper is folded once and a hole is punched. When unfolded, how many holes will be seen?

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

**Q.10.** A father is 4 times his son's age.

In 12 years, the father will be 2 times the son's age.

Son's present age:

- (a) 10
- (b) 8
- (c) 12
- (d) 6

**SECTION B — GENERAL KNOWLEDGE & CURRENT AFFAIRS** (Q.11 to Q.15)

**No Negative Marking**

**Q.11.** India's 'Chandrayaan-3' mission successfully landed near the Moon's South Pole in 2023. What was the name of the rover it deployed?

- (a) Pragyan
- (b) Vikram
- (c) Mangalyaan
- (d) Aditya

**Q.12.** The Nobel Prize is awarded in how many categories/fields each year?

- (a) 5
- (b) 6
- (c) 7
- (d) 4

**Q.13.** Which Indian state was newly created in 2000 along with Jharkhand and Chhattisgarh?

- (a) Telangana
- (b) Sikkim
- (c) Uttarakhand
- (d) Goa

**Q.14.** The 'Dronacharya Award' in India is given to:

- (a) Best sportsperson
- (b) Best film director
- (c) Best scientist
- (d) Best sports coach

**Q.15.** Which is the world's LONGEST river?

- (a) Nile
- (b) Amazon
- (c) Ganga
- (d) Yangtze

**SECTION C — MATHEMATICS** (Q.16 to Q.30)

**-0.25 for wrong answer**

**Q.16.** Evaluate:  $(-7) + (-3) - (-10) + (-5)$

- (a) -7
- (b) -5
- (c) -3
- (d) -15

**Q.17.** Find:  $3.75 - 1.4 + 0.65$

- (a) 2.5
- (b) 2.8
- (c) 3.0
- (d) 2.75

**Q.18.** Solve for  $x$ :  $2x - 7 = 11$

- (a) 7
- (b) 8
- (c) 10
- (d) 9

**Q.19.** Two angles are supplementary. One angle is  $65^\circ$ . What is the other?

- (a)  $115^\circ$
- (b)  $25^\circ$
- (c)  $125^\circ$
- (d)  $295^\circ$

**Q.20.** In a triangle, two angles are  $45^\circ$  and  $75^\circ$ . The third angle is:

- (a)  $55^\circ$
- (b)  $60^\circ$
- (c)  $50^\circ$
- (d)  $65^\circ$

**Q.21.** A price of ₹800 is reduced by 15%. The new price is:

- (a) ₹660
- (b) ₹640
- (c) ₹680
- (d) ₹700

**Q.22.** Which of the following is a RATIONAL number?

- (a)  $\pi$  (pi)
- (b)  $\sqrt{2}$
- (c)  $\sqrt{3}$
- (d)  $\sqrt{4}$

**Q.23.** The mode of the data: 4, 6, 3, 4, 7, 4, 8, 6, 4, 3 is:

- (a) 4
- (b) 6
- (c) 3
- (d) 7

**Q.24.** Find the value of  $(x+y)^2$  when  $x=3$  and  $y=-1$ :

- (a) 16
- (b) 4
- (c) 8
- (d) 2

**Q.25.** Find the area of a triangle with base 14 cm and height 9 cm.

- (a)  $126 \text{ cm}^2$
- (b)  $56 \text{ cm}^2$
- (c)  $63 \text{ cm}^2$
- (d)  $72 \text{ cm}^2$

**Q.26.** Express 72 as a product of prime factors using exponents:

- (a)  $2^3 \times 3$
- (b)  $2 \times 3^3$
- (c)  $2^2 \times 3^2$
- (d)  $2^3 \times 3^2$

**Q.27.** Find the Simple Interest on ₹3500 at 8% per annum for 3 years.

- (a) ₹840
- (b) ₹900
- (c) ₹760
- (d) ₹1000

**Q.28.** Two triangles are congruent by SAS rule when:

- (a) Three sides of one equal three sides of the other
- (b) Two sides and the included angle of one equal corresponding parts of the other
- (c) Two angles and one side of one equal corresponding parts of the other
- (d) The three angles of one equal the three angles of the other

**Q.29.** A cube has 6 faces, 8 vertices and \_\_\_\_\_ edges.

- (a) 10
- (b) 8
- (c) 12
- (d) 16

**Q.30.** How many lines of symmetry does a regular hexagon have?

- (a) 3
- (b) 4
- (c) 5
- (d) 6

**SECTION D — SCIENCE** (Q.31 to Q.40)

**-0.25 for wrong answer**

**Q.31.** The process by which green plants make their food using sunlight, CO<sub>2</sub> and water is called:

- (a) Photosynthesis
- (b) Respiration
- (c) Transpiration
- (d) Fermentation

**Q.32.** Which part of the digestive system absorbs most of the digested nutrients into the blood?

- (a) Stomach
- (b) Small intestine
- (c) Large intestine
- (d) Oesophagus

**Q.33.** Which of the following is the BEST conductor of heat?

- (a) Wood
- (b) Plastic
- (c) Copper
- (d) Glass

**Q.34.** Vinegar (acetic acid) tastes sour. When we add baking soda (a base) to it, what happens?

- (a) It becomes more acidic
- (b) Nothing happens
- (c) It becomes more basic
- (d) They neutralise each other, producing CO<sub>2</sub> gas and fizzing

**Q.35.** Which of the following is a REVERSIBLE (physical) change?

- (a) Melting of ice
- (b) Burning of paper
- (c) Digestion of food
- (d) Rusting of iron

**Q.36.** A camel can survive in deserts for long periods without water. This is because:

- (a) It drinks sea water
- (b) It stores fat in its hump which can be converted to water when needed, and its body conserves water efficiently
- (c) It has scales on its skin to prevent water loss
- (d) Desert air has more water vapour which camels absorb

**Q.37.** Which type of soil has the highest water-retention capacity and is most suitable for growing rice?

- (a) Sandy soil
- (b) Loamy soil
- (c) Clayey soil
- (d) Rocky soil

**Q.38.** Yeast is used in bread-making because during ANAEROBIC respiration (without oxygen), yeast produces:

- (a) Oxygen and water

- (b) Lactic acid and ATP
- (c) Glucose and oxygen
- (d) Carbon dioxide and ethanol, which makes bread rise

**Q.39.** If a car travels 240 km in 4 hours, its SPEED is:

- (a) 60 km/h
- (b) 50 km/h
- (c) 80 km/h
- (d) 90 km/h

**Q.40.** An electric fuse is used in a circuit as a safety device. It works by:

- (a) Increasing current when it gets too high
- (b) Melting and breaking the circuit when current exceeds a safe limit
- (c) Storing extra electricity
- (d) Reducing the voltage in the circuit

**SECTION E — ENGLISH** (Q.41 to Q.50)

**-0.25 for wrong answer**

**Q.41.** Fill in the blank: 'She \_\_\_\_\_ for the bus when it started to rain.'

- (a) waits
- (b) waited
- (c) was waiting
- (d) has waited

**Q.42.** Convert to indirect speech: 'He said, "I am going to school."'

- (a) He said that he is going to school.
- (b) He said that he goes to school.
- (c) He said that he had going to school.
- (d) He said that he was going to school.

**Q.43.** Identify the SUBORDINATE CLAUSE in: 'I will stay at home because it is raining.'

- (a) because it is raining
- (b) I will stay at home
- (c) it is raining
- (d) I will stay

**Q.44.** Choose the correct modal: 'You \_\_\_\_\_ wear a helmet while riding a bike. (It's the law)'

- (a) can
- (b) must
- (c) might
- (d) could

**Q.45.** The idiom 'A penny saved is a penny earned' means:

- (a) Always carry a penny with you
- (b) Pennies are very valuable today
- (c) Money saved through careful spending is as valuable as money earned
- (d) Rich people earn more money

**Q.46.** The noun form of the verb 'EXPLAIN' is:

- (a) Explainer
- (b) Explained
- (c) Explaining
- (d) Explanation

**Q.47.** Complete: 'By the time the teacher arrived, the students \_\_\_\_\_ their work.'

- (a) had finished
- (b) have finished
- (c) finished
- (d) finish

**Q.48.** Choose the correct preposition: 'He has been working here \_\_\_\_\_ five years.'

- (a) since
- (b) for
- (c) during
- (d) from

- Q.49.** A 'Notice' in English writing is different from a letter because:
- (a) A notice is always handwritten
  - (b) A notice is longer than a letter
  - (c) A notice is meant for a large audience/public and is brief and formal
  - (d) A notice never mentions a date
- Q.50.** 'Water is one of nature's greatest gifts. Without water, no life is possible on Earth. Yet, today we face a serious water crisis due to overuse and pollution.'  
The passage suggests that the water crisis is mainly due to:
- (a) Lack of rainfall
  - (b) Too many rivers drying up
  - (c) Natural causes only
  - (d) Overuse and pollution by humans

**SECTION F — SOCIAL STUDIES** (Q.51 to Q.60)

**-0.25 for wrong answer**

- Q.51.** The period from roughly 700 CE to 1750 CE in Indian history is often called the 'Medieval Period'. Which of the following events marks the beginning of this era?
- (a) Arab conquest of Sindh in 712 CE and subsequent Muslim influence in India
  - (b) The Mughal invasion of India by Babur
  - (c) The establishment of the British East India Company
  - (d) The downfall of the Gupta Empire
- Q.52.** The Qutub Minar in Delhi was begun by Qutb-ud-din Aibak, the founder of which dynasty?
- (a) Khalji dynasty
  - (b) Slave (Mamluk) dynasty
  - (c) Tughlaq dynasty
  - (d) Lodi dynasty
- Q.53.** The Mughal Emperor who built the Taj Mahal in memory of his wife Mumtaz Mahal was:
- (a) Akbar
  - (b) Humayun
  - (c) Shah Jahan
  - (d) Aurangzeb
- Q.54.** 'Surat' was a famous port city in medieval India. It was important mainly because:
- (a) It was the capital of the Mughal Empire
  - (b) It produced famous Banarasi silk sarees
  - (c) It was the seat of the Delhi Sultanate
  - (d) It was a major hub for trade with West Asia, Africa and Europe
- Q.55.** The innermost layer of the Earth is called the:
- (a) Core
  - (b) Mantle
  - (c) Crust
  - (d) Lithosphere
- Q.56.** The movement of the Earth's crustal plates against each other is a major cause of:
- (a) Changes in seasons
  - (b) Earthquakes and volcanic eruptions
  - (c) Ocean tides
  - (d) Rainfall and storms
- Q.57.** India is described as a 'Democratic' country. In a democracy, the government gets its authority from:
- (a) The military
  - (b) The monarch (king or queen)
  - (c) The will of the people, expressed through free and fair elections
  - (d) Religious leaders
- Q.58.** The head of the state government in India is the:
- (a) Governor
  - (b) President
  - (c) Chief Justice
  - (d) Chief Minister

**Q.59.** Media (newspapers, TV, internet) plays an important role in a democracy by:

- (a) Informing citizens about important events, government actions and social issues so they can make informed decisions
- (b) Deciding which party wins elections
- (c) Making laws for the government
- (d) Replacing the role of Parliament

**Q.60.** A 'Weekly Market' (Haat) is different from a shop in a mall because:

- (a) Weekly markets sell only vegetables and fruits
- (b) Weekly markets are set up for one day only in a location, with no permanent shops, and generally have lower prices
- (c) Mall shops are always cheaper than weekly markets
- (d) Weekly markets are government-owned; malls are private

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**★ END OF SAMPLE PAPER — Answer Key is on the next page ★**

# ANSWER KEY — SAMPLE PAPER CLASS 8

SUN SHINE PUBLIC SCHOOL, NAJIBABAD | Malti Agarwal Smriti Chatravriti Test 2026

Syllabus: Class 7 CBSE Syllabus | This answer key is for the SAMPLE PAPER only

Distribution: A=15 B=15 C=15 D=15 ✓ 15 each — Balanced

## SECTION A — MENTAL ABILITY (Q.1–Q.10) No Negative Marking

1. <b>C</b>	2. <b>D</b>	3. <b>A</b>	4. <b>B</b>	5. <b>C</b>
6. <b>D</b>	7. <b>A</b>	8. <b>B</b>	9. <b>C</b>	10. <b>D</b>

## SECTION B — GK & CURRENT AFFAIRS (Q.11–Q.15) No Negative Marking

11. <b>A</b>	12. <b>B</b>	13. <b>C</b>	14. <b>D</b>	15. <b>A</b>
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## SECTION C — MATHEMATICS (Q.16–Q.30) -0.25 for wrong

16. <b>B</b>	17. <b>C</b>	18. <b>D</b>	19. <b>A</b>	20. <b>B</b>
21. <b>C</b>	22. <b>D</b>	23. <b>A</b>	24. <b>B</b>	25. <b>C</b>
26. <b>D</b>	27. <b>A</b>	28. <b>B</b>	29. <b>C</b>	30. <b>D</b>

## SECTION D — SCIENCE (Q.31–Q.40) -0.25 for wrong

31. <b>A</b>	32. <b>B</b>	33. <b>C</b>	34. <b>D</b>	35. <b>A</b>
36. <b>B</b>	37. <b>C</b>	38. <b>D</b>	39. <b>A</b>	40. <b>B</b>

## SECTION E — ENGLISH (Q.41–Q.50) -0.25 for wrong

41. <b>C</b>	42. <b>D</b>	43. <b>A</b>	44. <b>B</b>	45. <b>C</b>
46. <b>D</b>	47. <b>A</b>	48. <b>B</b>	49. <b>C</b>	50. <b>D</b>

## SECTION F — SOCIAL STUDIES (Q.51–Q.60) -0.25 for wrong

51. <b>A</b>	52. <b>B</b>	53. <b>C</b>	54. <b>D</b>	55. <b>A</b>
56. <b>B</b>	57. <b>C</b>	58. <b>D</b>	59. <b>A</b>	60. <b>B</b>

**MARKING:** +2 correct | -0.25 wrong (Sec C/D/E/F) | No negative in Sec A & B | Max = 120 Marks