



18th NTST

NATIONAL TALENT SEARCH TEST (SAMPLE PAPER CLASS-8th)



ENGLISH

Read the text carefully and answer 1-4 questions:

A well - dressed young man entered a big textile shop one evening. He was able to draw the attention of salesman who thought him rich and likely to make heavy purchases. He was shown the superior varieties of suit - lengths and sarees. But after casually examining them, he kept moving to the next section where readymade goods were being sold and further on to the hosiery section. By then, the salesman had begun to doubt his intentions and drew the attention of the manager. The manager asked him what exactly he wanted and he replied he wanted courteous treatment. He explained that he had come to the same shop in the morning dressed casually and drawn little attention. His pride was hurt and he wanted to assert himself. He had come in good dress only to get decent treatment, not for getting any textiles. He left without making any purchase.

- Q.1 The young man was able to catch the attention of the salesman because
- a) he was smartly dressed and good-looking
 - b) he was loudly dressed and behaved abominably
 - c) he was well dressed and appeared rich
 - d) he called out to the salesman and demanded to be attended to
- Q.2 The salesman showed him the superior variety of goods because
- a) he thought that the young man was a connoisseur of good products
 - b) the young man had a lot of money and demanded to be shown only the best available
 - c) he thought he could sell his less saleable items
 - d) he thought that the man was rich and would prefer expensive varieties
- Q.3 The salesman began to doubt the young man's intention as he:
- a) kept moving from one section to another and didn't buy anything
 - b) bought a lot of very expensive things
 - c) he looked like a well-dressed thief
 - d) continued to look at the displays in the windows and kept asking to be attended to

Q4 The moral of the story is that

- a) a rich man doesn't always make the best customer
- b) courtesies should be extended to everyone whether well-dressed or not
- c) one should not estimate ones status by appearance
- d) a customer not matter how rich or poor should be accorded equal treatment

Q.5 Arrange the words in the correct meaningful sentence:

the storm / shed / damaged / the / was / during

- a) Shed was the damaged during the storm.
- b) The shed was the damaged during storm.
- c) The shed damaged was during the storm.
- d) The shed was damaged during the storm.

Q.6 Arrange the words in the correct meaningful sentence:

Television / watch / Do your parents / in the evening

- a) Watch do your parents television in the evening
- b) Do your parents watch television in the evening?
- c) Do your parents' television watch in the evening?
- d) Watch television in the evening do your parents

Q.7 Choose the appropriate tense:

When Diya got the call, she _____ in her office.

- a) work
- b) was working
- c) worked
- d) will be

Q.8 Identify the type of gender - noun of the underlined word:

Books are our best friends.

- a) common
- b) masculine
- c) neuter
- d) feminine

Q.9 Identify the type of gender - noun of the underlined word:

The empress will arrive tomorrow.

- a) feminine
- b) common
- c) masculine
- d) neuter

Q.10 Identify the pronoun in the following sentence:

Every year we take a bus trip with the class.

a) every

b) class

c) with

d) we

MATH

Q.1 A rhombus has a side length equal to 45 cm. Find its perimeter.

(a) 125

(b) 110

(c) 180

(d) 130

Q.2 MNOP is a rectangle and MO & NP are its diagonals. If MO = 20 cm, then NP is:

(a) 10 cm

(b) 5 cm

(c) 15 cm

(d) 20 cm

Q.3 The value of 7^{-2} is:

(a) 49

(b) $1/49$

(c) 2

(d) $1/2$

Q.4 Express the following numbers in the standard form?

3125000000

(a) 3125×10^6

(b) 3125×10^8

(c) 3125×10^{-3}

(d) 3125

Q.5 When the square of a number is subtracted from the cube of the same number, it becomes 900. Find the number.

(a) 9

(b) 11

(c) 10

(d) 13

Q.6 Which of the following is not a linear equation in one variable?

(a) $67z + 4 = 0$

(b) $45x - 10y = 0$

(c) $33x + 5 = 0$

(d) $13y + 5 = 0$

Q.7 What should be added to $-5/3$ to get $2/7$?

(a) $21/58$

(b) $41/21$

(c) $47/21$

(d) $50/21$

Q.8 How many sides does a regular polygon have if the measure of an exterior angle is 36° ?

(a) 15

(b) 10

(c) 25

(d) 20

- Q.9 By what number should 625 be divided to get a perfect cube?
(a) 5 (b) 6
(c) 7 (d) 9
- Q.10 The difference between the two numbers is 48. If the bigger number is 100, then what is the smaller number?
(a) 52 (b) 54
(c) 58 (d) None of these

SCIENCE

- Q.1 Shalini is rubbing a polythene rod with a woollen sweater, electrons are transferred from one to the other. What charge does the polythene rod get?
(a) Positive (b) Negative
(c) Neutral (d) None of these
- Q.2 Which of the following is the necessary element for the formation of thyroxine hormone is:
(a) Iron (b) iodine
(c) Calcium (d) magnesium
- Q.3 Which of the following control the changes occurring during adolescence.
(a) Hormones (b) Enzymes
(c) Lymph (d) None of the above
- Q.4 Which part of the eye is a small opening in the iris and its size is controlled by its?
(a) Pupil (b) Retina
(c) Blind Spot (d) Iris
- Q.5 Which of the following is also known as ADAM'S APPLE?
(a) Epiglottis (b) Thyroid cartilage
(c) Arytenoid cartilage (d) corniculate cartilage
- Q.6 Which of the following correctly represents the speed of sound in solids, liquids and gases in ascending order?
(a) Gas < liquid < solid (b) Liquid < gas < solid
(c) Liquid < solid < gas (d) Gas < liquid < gas
- Q.7 Which of the following animal can hear sound at low frequency
(a) Snake (b) Dog
(c) Whale (d) Pigeon
- Q.8 Which of the following will remain unchanged when a sound wave travels in air or in water?
(a) Amplitude (b) Speed
(c) Frequency (d) Wavelength

- Q.9 During dry weather, Aashima was combing her hair. While combing she observed that her hair were flying apart. The force responsible for this is:
- (a) Force of gravity. (b) Electrostatic force.
(c) Force of friction. (d) Magnetic force.
- Q.10 Ramesh is fond of climbing on mountains, during recording a record he was climbing at higher altitudes. Suddenly nose bleeding occurs during climbing, the most appropriate reason is
- (a) Low blood pressure (b) High atmospheric pressure
(c) Both a) and b (d) Low atmospheric pressure

Computer Science

- Q.1 What access method do we use to obtain any record out of a cassette tape?
- A) Random B) Direct
C) Sequential D) All of the above
- Q.2 Which is not the example of special purpose computer?
- A) Multimedia computer
B) Word Processor
C) Automatic Aircraft Landing
D) All of the above
- Q.3 Which of the following is the primary storage device of a computer?
- A) Hard disk
B) RAM
C) ROM
D) CD-ROM
- Q.4 In presentation, shortcut to insert a new slide
- A) Ctrl+F
B) Ctrl+O
C) Ctrl-M
D) Ctrl + N
- Q.5 What is the full form of WWW?
- A) World Wide Web
B) World Wide Worksheet
C) World Wide Wire
D) World Wide Word