



20th NTST/CTSE

NATIONAL TALENT SEARCH TEST (1st to 10th classes)

COMMERCE TALENT SEARCH EXAM (11th & 12th Commerce)

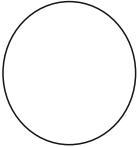
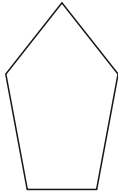
(Sample Paper Class-6th)



Commerce Talent
Search Exam

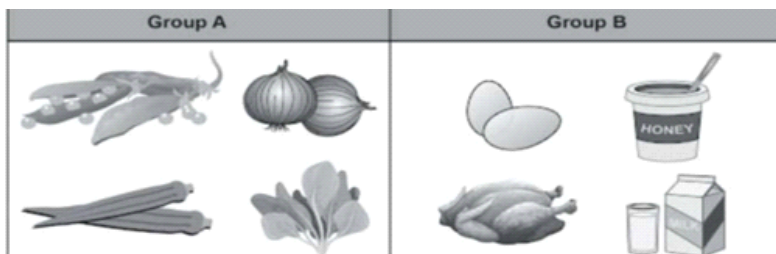
Math

1. If a Car wheel has 48 spokes, then the angle between a pair of two consecutive spokes is
(a) $71\frac{1}{2}$ (b) $2\frac{1}{11}$
(c) $2\frac{1}{15}$ (d) $51\frac{1}{2}$
2. Which one of the following statement is CORRECT?
(a) The product of two even numbers is always even.
(b) The sum of three odd numbers is even.
(c) All prime numbers are odd.
(d) Prime numbers do not have any factors.
3. In an election, the successful candidate registered 6,72,500 votes and his nearest rival secured 4,78,500 votes. By what margin did the successful candidate win the election?
(a) 1,90,000 (b) 1,98,000
(c) 1,96,000 (d) 1,94,000
4. Due to an increase of 40% in the price of a cooler, the sale is reduced by 30%, so what will be the percentage change in income?
(a) 1% increase (b) 1% decrease
(c) 2% decrease (d) 2% decrease
5. Look at the following statements carefully. Which of the following is not true?
(a) MM is a symbol for 2000 in Roman numeral.
(b) In Roman numeral X is written left to the L for 60.
(c) Only symbols I, V, X are used to write first 10 Roman numeral.
(d) Roman numeral system does not include 0

6. Find the value of x: $11 : 13 :: x : 897$
- (a) 726 (b) 737
(c) 748 (d) 759
7. The portion of a circle bounded by a chord and the arc subtended by the chord is called _____ of a circle.
- (a) Sector (b) Segment
(c) Radius (d) Diameter
8. Calculate the sum: $1 + 3 + 5 + \dots + 97 + 99$.
- (a) 2500 (b) 2200
(c) 5050 (d) 2350
9. Which of the following figure have only one line of symmetry
- (a)  (b) 
- (c)  (d) 
10. Which of the following options is true?
- a) $(6/6) + 2 = 3$ (b) $8 - 3 \times 4 = 20$
(c) Both a and b (d) None of the above

Science

1. Meenakshi is suffering from kwashiorkor, which of following is correct about her diet:



- (a) She must choose products from group A
(b) She must choose products from Group B
(c) She must completely ignore group A products
(d) None of these

2. Water is called a universal solvent because _____

- (a) It can dissolve very few solid.
- (b) It cannot dissolve any substance in it.
- (c) It can dissolve only liquids.
- (d) It can dissolve many solids, liquids and gases.

3. Which of following is reversible changes:

- (a) heating food
- (b) rusted metals
- (c) states of matter
- (d) mixed ingredients

4. 4 kilometres are equal to

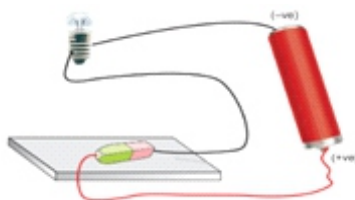
- (a) 4,00,000 metre
- (b) 40,000 metre
- (c) 4,000 metre
- (d) 400 metre

5. Which is an example of a periodic motion?

- (a) Oscillation of a pendulum
- (b) Motion of a bus on road
- (c) A spinning top
- (d) A stone dropped from a certain height

6. Study the diagram carefully and choose correct option

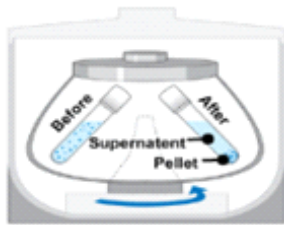
- (a) close circuit
- (b) open circuit
- (c) bulb will glow brightly
- (d) connections are not correct



7. Coin one word for following

- (i) The process of converting a liquid into its vapour _____.
 - (ii) A substance that settles down at the bottom of a liquid _____.
 - (iii) A solution in which no more solute can be dissolved at a given temperature _____.
 - (iv) The process of converting water vapour into water drops. _____
- (a) (i) -evaporation, (ii) - sand, (iii) - saturated, (iv) - condensation
 - (b) (i) -vaporization, (ii) - sediment, (iii) - unsaturated, (iv) - condensation
 - (c) (i) -vaporization, (ii) - sediment, (iii) - saturated, (iv) - condensation
 - (d) (i) -evaporation, (ii) - sediment, (iii) - unsaturated, (iv) - condensation

8. Mention the method / process involve against the pictures



- (a) churning (b) centrifugation
(c) filtration (d) sedimentation
9. To prevent electric shocks, the metallic electrical wires are insulated with
- (a) paper (b) aluminium
(c) cotton (d) plastic
10. Which of the following statement is true
- (a) The dark patches formed behind an opaque object when it does not allow light to pass through it are called shadows.
(b) The objects which do not allow light to pass through them are called translucent objects.
(c) Shadows do not give us any information about the shapes of objects.
(d) The colour of opaque objects affect the dark colour of the shadow.

English

- 1 Arrange the words in the correct meaningful sentence:
keep / vitamins / fit / body / our
- (a) Vitamins keep body our fit. (b) Vitamins keep our body fit.
(c) Vitamins our body keep fit. (d) Keep vitamins our body fit.
- 2 Curiosity has its own reason for existing. (Albert Einstein) Which word is an abstract noun?
- (a) curiosity (b) own
(c) reason (d) existing
- 3 Choose the correct noun:
The parade included fire trucks and police cars.
- (a) Collective (b) Abstract
(c) Uncountable (d) Countable
- 4 Choose the correct pronoun:
Would _____ buy some nice gifts for your friend?
- (a) her (b) she
(c) you (d) he

- 5 Choose the correct pronoun:
Raju has invited all of _____ for dinner tonight.
- (a) they (b) we
(c) them (d) us
- 6 You have your own idea and she has hers.
Which is the possessive pronoun in the sentence?
- (a) you (b) hers
(c) she (d) your
- 7 Choose the proper tense or form of the verb given in brackets:
Delhi _____ on the Yamuna. (stand)
- (a) has stood (b) stood
(c) stands (d) is standing
- 8 Choose the correct helping verb:
Steve _____ ill.
- (a) at (b) they
(c) is (d) are
- 9 Choose the correct article for the given sentence:
My sister got _____ best student award.
- (a) a (b) the
(c) no article (d) an
- 10 Where is _____ statue of Liberty situated?
- (a) no article required (b) the
(c) a (d) an