**C2S**
साथ रहेंगे *Success* तक
**IIT-JEE | NEET | NDA**

**OLYMPIAD EXAM** **2024-25**

## CLASS 6th OLYMPIAD EXAM | APRIL MONTHS

**Total Questions : 50**                                             **Time : 60 Minutes**

Name : ...........................................................................................................

Class : ............................................                 Section : ............................................

## SECTION-I (ENGLISH)

**Select the suitable option of the given four options to fill in the blanks :**

1.  If often _____ in Srinagar in winter.
    (a) snows            (b) is snowing        (c) has snowed        (d) is snowed
2.  _____ he live long!
    (a) can              (b) should            (c) must              (d) may
3.  _____ Ganga is a holy river.
    (a) the              (b) a                 (c) an                (d) none
4.  Each of the drawers _____ a separate key.
    (a) is               (b) are               (c) has               (d) have
5.  I have come _____ you.
    (a) meet             (b) to meet           (c) meeting           (d) none
6.  I _____ will do it.
    (a) himself          (b) myself            (c) herself           (d) ourself
7.  The school will open _____ Monday.
    (a) at               (b) on                (c) in                (d) to
8.  He is taller _____ I.
    (a) then             (b) than              (c) that              (d) as
9.  He is my _____ brother.
    (a) older            (b) elder             (c) oldest            (d) none
10. He is _____ M. L. A.
    (a) the              (b) a                 (c) an                (d) none
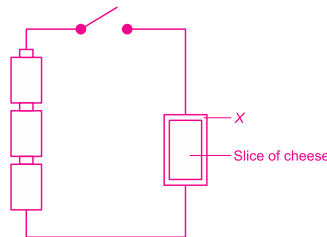
## SECTION-II (MATHEMATICS)

1.  The product of the face-values of two fives in 450758 equals to _____.
    (a) 25               (b) 2500000           (c) 250000            (d) 25000000
2.  One crore equal to _____ millions.
    (a) One              (b) Ten               (c) Hundred           (d) Thousand

3. How many 5-digit numbers are there in all?
   (a) 99,000  (b) 10,000  (c) 90,000  (d) 99,999

4. What will happen to a number, if the digits interchanged are same?
   (a) greater than orignal number  (b) less than orignal number
   (c) equal to orignal number  (d) The number will be unchanged

5. If a student multiplies 50 by 6 instead of 5, the difference in product is :
   (a) 15  (b) 150  (c) 50  (d) 6

6. Zero is less than every _____ number.
   (a) Whole  (b) Natural  (c) Integers  (d) Negative number

7. Division is the inverse of _____.
   (a) Subtraction  (b) Multiplication  (c) Addition  (d) None of these

8. _____ is called additive identity for whole numbers.
   (a) Zero  (b) One  (c) Itself  (d) None of these

9. The property depicted by $(a + b) = (b + a)$ is _____.
   (a) Associative  (b) Commutative  (c) Closure  (d) Identity for addition

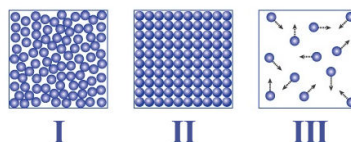10. Is every whole number is a natural number.
    (a) True  (b) False

# SECTION-III (SCIENCE)

1. Composition of milk is :
   (a) fat, lactose, protein and mineral  (b) fat, mineral, protein and vitamin
   (c) fat, protein and carbohydrate  (d) fat, cellulose and carbohydrate

2. Which of the following tissues helps in the transport of food?
   (a) Xylem  (b) Chlorenchyma  (c) Phloem  (d) Collenchymas

3. In the given diagram, the cheese starts to melt when the switch is turned on.



   What can X be?
   (a) Silver  (b) Wood  (c) Plastic  (d) Copper

4. Arrangement of particles in three different states of water is shown in the given figures.



I  II  III

   (a) State I is gas and can be converted to state III by heating.
   (b) State III is liquid and can be converted to state I by cooling.
   (c) State II is solid and can be converted to state III by heating.

(d) State III is gas and can be converted to state I by heating.

5. Depending upon the nature of the constituent present in a mixture, Suhana, a class 6 student suggested some methods of separation as shown in the table :

| | Types of Mixture | Method of Separation |
|---|---|---|
| 1 | Solid-Solid | Handpicking, Sieving |
| 2 | Solid-Liquid (insoluble) | Sedimentation-Decantation, Filtration |
| 3 | Liquid-Liquid (immiscible) | Decantation, Separating funnel |
| 4 | Solid-Liquid (soluble) | Filtration, Decantation |
| 5 | Liquid-Liquid (miscible) | Distillation |

Which of these is/are incorrect method(s) of separation?

(a) 1 and 2 only     (b) 3 only     (c) 1 and 5 only     (d) 4 only
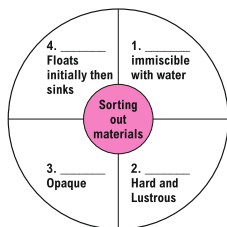
6. Conjunctivitis, a viral infection of :

(a) Throat     (b) Ear     (c) Eyes     (d) Nose

7. Bacteria and fungus are example of :

(a) Decomposers     (b) Producers     (c) Consumers     (d) None of the above

8.



| | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| **(A)** | Glycerine | Chalk | Frosted Glass | Stone |
| **(B)** | Oil | Leather | Wood | Rubber band |
| **(C)** | Vaseline | Metal spoon | Cardboard | Cotton ball |
| **(D)** | Honey | Sponge | Water | Iron nail |

(a) A     (b) B     (c) C     (d) D

9. Which of these does not conduct electricity?

(a) brass spoon     (b) silver jewellery     (c) steel tumbler     (d) plastic jug

10. Which of the following material is most appropriate to make an electromagnet?

(a) Iron     (b) Steel     (c) Glass     (d) Wood

## SECTION-IV (SOCIAL STUDIES)

1. Where are Garo hills?

(a) North-West     (b) South-East     (c) South-West     (d) North-East

2. Period for which we have no written records is known as :

(a) History     (b) Herodotus     (c) Pre-History     (d) None of these

3. The places where rice was first grown :

(a) Kirthar     (b) Garo Hills     (c) Sulaiman     (d) Vindhyashi

4. Who are called the India Hindos or Indos?
   (a) The Americans (b) The Iranians and The Greeks
   (c) Chinese (d) Turkish

5. Which of the following does not form the natural frontier of the subcontinent?
   (a) Mountains (b) Seas (c) Buildings (d) Hills

6. Prakrit language was used by :
   (a) Poor people (b) Common people (c) King only (d) Rich people

7. Years after the birth of Jesus Christ are counted?
   (a) Forward (b) Backward (c) Upward (d) Downward

8. How many years ago were the first cities of the Indus civilization made?
   (a) 8000 years ago (b) 4700 years ago (c) 2500 years ago (d) 2000 years ago

9. What a person called who studied about ancient objects?
   (a) Writer (b) Farmer (c) Archaeologist (d) Christian

10. The word India comes from the Indus, called :
    (a) Bharat (b) India (c) Sindhu (d) Indira

# SECTION-V (REASONING)

1. Never : Always : : Hate : _____
   (a) Go (b) Love (c) Pleasure (d) None of these

2. Endless : Eternal : : Strong : _____
   (a) Huge (b) Stout (c) Weak (d) None of these

3. 12 : 3 : : 61 : _____
   (a) 9 (b) 7 (c) 2 (d) 8

4. Car : Wheel : : Computer : _____
   (a) Bus (b) Hard disk (c) Cabels (d) T. V

5. If '3 is related to 4' then 8 is related to _____
   (a) 15 (b) 9 (c) 7 (d) 6

6. India : Delhi : : Australia : _____
   (a) Melbourne (b) Canberra (c) Sydney (d) Adelaide

7. Bulls : Bellow : : Monkey : _____
   (a) Roar (b) Bray (c) Mew (d) Chatter

8. BCD : DIP : : ACE : _____
   (a) AIY (b) AYI (c) BDF (d) ECA

9. 15, 22, 17, 24, 19, _____
   (a) 25 (b) 26 (c) 28 (d) 29

10. __?__, 23, 28, 20, 21
    (a) 24 (b) 38 (c) 30 (d) 31