

THE WINNING EDGE DEFENCE ACADEMY

SAINIK SCHOOL – 9th

1st – WEEKLY – TEST

Instructions:

Attempt all questions.

Max. Marks - 100

Time – 1:00 Hour

SECTION – A: MATHEMATICS (7 X 4 = 28)

1. The four-digit number 6a25 divisible by 11, what is the value of a?

- a) 3 b) 5 c) 0 d) 2

2. By rationalising the denominator of $1/(5+\sqrt{7})$, we get _____

- a) $5-\sqrt{7} / 5+\sqrt{7}$ b) $5+\sqrt{7} / 18$ c) $5-\sqrt{7} / 18$ d) $5+\sqrt{7} / 5-\sqrt{7}$

3. In a division sum, the divisor is 10 times the quotient and 5 times the remainder. If the remainder is 46, then the dividend is

- a) 5336 b) 4236 c) 4336 d) 4306

4. Which of the following is the unit digit in the product of $853 \times 452 \times 226 \times 1346$?

- a) 9 b) 6 c) 3 d) 8

5. What smallest number should be subtracted from 9805 so that it is divisible by 8?

- a) 3 b) 1 c) 6 d) 5

6. $7X2$ is a three-digit number in which X is a missing digit. If the number is divisible by 6, is then this smaller value of missing digit is -

- a) 7 b) 3 c) 4 d) 5

7. Suppose there is a number 'n'. When 'n' is divided by 5, the remainder will be 2. What will be the remainder when n^2 is divided by 5?

- a) 4 b) 2 c) 8 d) 5

SECTION – B: ENGLISH (6 X 4 = 24)

1. The chef of that restaurant cooks delicious food items. Here ‘chef’ is an example of –

- a) proper noun b) common noun c) collective noun d) abstract noun

2. February is the shortest month in the year. Here ‘February’ is an example of –

- a) proper noun b) collective noun c) abstract noun d) common noun

3. Choose the plural form of the given word.

Commander-in-chief

- a) Commander-in-chiefs b) Commanders-in-chiefs
c) Commanders-in-chief d) None of these

4. Identify the type of noun that is highlighted in the sentence.

The swimming pool is drained and cleaned every winter.

- a) Compound b) Collective c) Abstract d) Proper

5. Identify the segment of the sentence, which contains a grammatical error. If there is no error in the sentence, mark ‘No error ‘

The police (A) / is becoming more (B) / and more inactive. (C) / No Error (D)

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

6. Choose the most appropriate answer and fill in the blanks.

The noun form of ‘Do’ is _____.

- a) Does b) Done c) Did d) Deed

SECTION – C: GENERAL SCIENCE (7 X 4 = 28)

1. Who has become the first batsman to score a century in WTC final?

- a) Usman Khawaja b) Steve Smith c) Travis Head d) Rohit Sharma

2. When is World Oceans Day celebrated annually?

- a) June 06 b) June 07 c) June 08 d) June 09

3. Animal cells are interconnected by _____

- a) Desmosomes b) Plasma membrane c) Cell wall d) Plasmodesmata

4. The rRNA is synthesized by _____

- a) Golgi body b) Nucleolus c) Nucleus d) Cytoplasm

5. The cell theory is not applicable to-

- a) Fungi b) Microbes c) Virus d) Algae

6. Who among the following introduced Ryotwari System in India?

- a) Lord Cornwallis b) Lord Wellesley c) Warren Hasting d) Thomas Munro

7. Where was the Permanent Settlement firstly introduced?

- a) Orissa (Odisha) and Bengal b) Orissa (Odisha) and Andhra Pradesh
c) Bengal and Bihar d) Orissa (Odisha) and Bihar

SECTION – D: INTELLIGENCE (5 X 4 = 20)

Choose the correct alternatives to form the same relationship.

1. Scissors : Cloth :: ?

- a) Stone : Grinder b) Gun : Hunt c) Knife : Stone d) Axe : Wood

2. January : November :: Sunday : ?

- a) Tuesday b) Friday c) Saturday d) Monday

3. 149 : 238 :: 159 : ?

- a) 169 b) 248 c) 268 d) 261

4. 14 : 70

a) 19 : 57

b) 80 : 480

c) 15 : 90

d) 75 : 375

5. Mathematics is related to Numbers in the same way as History is related to?....

a) Events

b) People

c) Dates

d) Wars

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