



Parvati Prema Jagati SARASWATI VIHAR

Sr. Sec. School, Durgapur P O Bisht Estate via Jeolikot, Nainital

Estd.-1983

ENTRANCE EXAMINATION

SAMPLE PAPER FOR ADMISSION IN CLASS – 8TH

SECTION : A		SECTION : B		SECTION : C	TOTAL TIME
HINDI	ENGLISH	MATH	SCIENCE	REASONING	2HRS (10:00 AM)
MAX	MAX	MAX	MAX	MAX	To (12:00 PM)
20	20	30	20	10	

SECTION:A

विषय -हिन्दी

सभी प्रश्नों के उत्तर शुद्धता व स्पष्टता से दीजिए।

प्र01:-निम्नलिखित पद्यांश को पढ़कर पूछे गये प्रश्नों के उत्तर दीजिए।

क—भूल गया है क्यों इंशान।

सबकी है मिट्टी की काया, सब पर नम की निर्मल छाया।

यहाँ नहीं कोई आया है, ले विशेष वरदान।

भूल गया है क्यों इंशान।

धरती ने मानव उपजाए, मानव ने ही देश बनाए।

बहुदेशों में बसी हुई है, एक धरा—एक संतान।

प्र03:-कवि के अनुसार सब की काया कैसी है?

उ0.....

प्र04:-संसार में आदमी क्या लेकर नहीं आया है?

उ0.....

प्र05:-धरती ने क्या उपजाए हैं?

उ0.....

प्र06:-‘मानव’ शब्द के दो पर्यायवाची लिखिए।

उ0.....

प्र07:-प्रस्तुत काव्यांश का उपयुक्त शीर्षक दीजिए।

उ0.....

प्र08:-निम्नलिखित शब्दों की संधि कीजिए।

पर + उपकार, धर्म + आत्मा

उ0.....

प्र09:-दिए गए अशुद्ध वाक्यों को पढ़कर शुद्ध कीजिए।

यह पहाड़ी उँचा है।

रमेस विधालय जाता है।

उ0.....

प्र04:-निम्नलिखित प्रश्नों के उत्तर संक्षेप में लिखिए।

क—मौखिक भाषा और लिखित भाषा में अन्तर बताइये
उ0.....

ख—संज्ञा किसे कहते हैं।

उ0.....

ग— हिन्दी दिवस कब मनाया जाता है

उ0.....

प्र05:-सही विकल्प के सामने सही का चिन्ह लगाइए।

क—हिन्दी भारत की है।

अ—नगर भाषा

()

ब— देवभाषा ()

स—मातृ भाषा

()

द— राजभाषा ()

प्र06:- 'झ' की रचना हुई है।

क— ज+अ

()

ख—ज+ज् ()

ग— ज+ज

()

घ— ज+अ ()

उ0.....

प्र07:-निम्नलिखित विषयों में से किसी एक विषय पर दश पंक्तियों में अपने विचार व्यक्त करें।

क— वृक्षों का महत्व

ख—स्वच्छता का महत्व

ग—कम्प्यूटर की उपयोगिता

उ0.....

(ENGLISH)

Q.1:- Choose the appropriate tense from the options-

2 M

The teacher said, "The Earth is tilted on its axis".

The teacher told us that the Earth.....on its axis.

- | | | | |
|------------------|----------|-----------------------|----------|
| (i) Was tilted | () | (ii) is tilted | () |
| (iii) had tilted | () | (iv) has been tilted. | () |

Q.2:- change the following into indirect form of narration:-

2 M

(i) He said to me, "why are you late"

Ans:.....

(ii) Ram said to shyam, "two and two make four"

Ans:.....

Q.3 . Give the antonym of - MILITARY

2 M

- | | | | |
|--------------|----------|-------------|----------|
| A. Civil | () | B. Militant | () |
| C . Civility | () | D . Coup | () |

Ans:.....

Q.4.What is the SYNONYM of the word PECULIAR?

- | | | | |
|-------------|----------|------------|----------|
| A .strange | () | B. Similar | () |
| C .ordinary | () | D .special | () |

Ans:.....

Q.4:- IDIOMS AND PHRASES –

2 M

(a) "BY LEAPS AND BOUNDS " means-

- | | | | |
|------------------|----------|----------------|----------|
| (i) VERY FAST | () | (ii) VERY SLOW | () |
| (iii) IN DETALIS | () | (iv) AIMLESSLY | () |

Ans:.....

(b)"LIONS SHARE" MEANS –

- | | | | |
|--------------------|----------|-----------------------|----------|
| (i) MAJOR SHARE | () | (ii) MINOR SHARE | () |
| (iii) LOOK ANGRILY | () | (iv) LAUGH AT SOMEONE | () |

Ans:.....

Q.5:- Write an application to the principal of your school requesting him/her to arrange extra classes for math and science.

4 M

Ans:.....

Q.6:- Read the following passage and answer the question given below.

1×5=5 M

Sarojini Naidu was educated in her early years under her father's own care. He wanted her to become a great mathematician or scientist but she loved to dream and write poems. She was hardly eleven when she wrote her first poem. At thirteen she wrote a long poem in the manner of famous English poets. After her matriculation in India she went to England for higher education in London. She met sir Edmund cross a distinguished man of letters. He was impressed by her knowledge and intelligent. He was surprised to see that she had written poems in flawless English but felt disappointed to find that they had nothing of the east in them. They were all about English sights from this day onwards; she devoted herself to writing verses about India.

Questions:(tick the correct option)

- Sarojini Naidu loved to _____
(a) Become a great mathematician or scientist. ()
(b) Be an English poet. ()
(c) Be an English teacher. ()
(d) Dream and write poems. ()

- She wrote her first poem at the age of _____
(a) Ten ()
15 (b) Eleven ()
• (c) Twelve ()
Page 2 (d) Nine ()

- She wrote a long poem like English poets at the age of _____
 (a) Ten ()
 (b) Thirteen ()
 (c) Twelve ()
 (d) Eleven ()

- Sir Edmund cross is known as a _____
 (a) Intelligent and knowledgeable person ()
 (b) Renowned English poet ()
 (c) Distinguished man of letters ()
 (d) Mentor of Sarojini Naidu ()

- The word _____ means 'distressed'.
 (a) Flawless ()
 (b) Disappointed ()
 (c) Higher ()
 (d) Hardy ()

Q 7 . Arrange the jumbled words to make proper sentences:

2 M

a) Came/the/class/to/teacher/the/

Ans:.....

(b) Spread/people/for/hatred/each other/selfish

Ans:.....

Question 8 . Fill in the blanks with suitable prepositions.

1 M

(a) He called me.(at ,on ,in)

(b) I had this suit made order.(to, on, by)

Question 9. Read the following sentences and rewrite them into passive voice.

1 M

(a) I wrote a letter.

(b) He was doing his work.

Page

Ans:.....

Ans:.....

**SECTION- B
Subject- Maths**

(1×5=5 Marks)

1-Find each of the following products: $(-1) \times (-5) \times (-4) \times (-6)$

Ans:.....

2-Solve $2q + 6 = 12$.

Ans:.....

3-Write four more numbers in the following pattern: $1/3, 2/6, 3/9, 4/1$

Ans:.....

4-Identify like terms in the following:

$-xy^2, -4yx^2, 8x^2, 2xy^2, 7y, -11x^2, -100x, -11yx, 20x^2y, -6x^2, y, 2xy, 3y$

Ans:.....

5-Which one is greater 8^2 or 2^8 ?

Ans:.....

(2×5=10 Marks)

6-(i) Express 5 cm in metre and kilometre (ii) Express 35 mm in cm, m and km

Ans:.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

7-Set up an equation in the following cases:

Irfan says that he has 7 marbles more than five times the marbles Parmit has.
Irfan has 37 marbles. (Take m to be the number of Parmit's marbles.)

Ans:.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

8-A local cricket team played 20 matches in one season. It won 25% of them. How many matches did they win?

Ans:.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

9-The perimeter of a rectangle is 130 cm. If the breadth of the rectangle is 30 cm, find its length. Also find the area of the rectangle.

Ans:.....

10-What should be subtracted from $2a + 8b + 10$ to get $-3a + 7b + 16$?

Ans:.....

(3×5=15 Marks)

11-Evaluate each of the following: (a) $(-30) ÷ 10$ (b) $50 ÷ (-5)$ (c) $(-36) ÷ (-9)$

Ans:.....

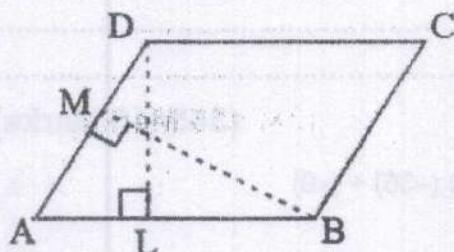
12- Laxmi's father is 49 years old. He is 4 years older than three times Laxmi's age. What is Laxmi's age?
Ans:.....

13-Fill in the boxes with the correct symbol out of $>$, $<$, and $=$.

(i) $\frac{5}{7} \square \frac{2}{3}$ (ii) $\frac{4}{5} \square \frac{5}{7}$ (iii) $\frac{7}{8} \square \frac{14}{16}$

Ans:.....

14- DL and BM are the heights on sides AB and AD respectively of parallelogram ABCD . If the area of the parallelogram is 1470 cm^2 , $AB = 35 \text{ cm}$ and $AD = 49 \text{ cm}$, find the length of BM and DL.



Ans:.....

15-Express each of the following as a product of prime factors only in exponential form:

(i) 108×192 (ii) 270 (iii) 729×64

Ans:.....

SCIENCE - M.M-20

(MCQ QUESTIONS-1 MARK EACH)

(tick the correct option:-

1-Green pigment present in the leaves is called

- | | | | |
|-----------------|----------|-----------------|----------|
| (a) haemoglobin | () | (b) globulin | () |
| (c) albumin | () | (d) chlorophyll | () |

2-The finger-like outgrowths of human intestine helps to:

- | | | | |
|--------------------------------------|----------|--------------------------------|----------|
| (a) digest the fatty food substances | () | (b) make the food soluble | () |
| (c) absorb the digested food | () | (d) absorb the undigested food | () |

3-Heat always flows

- | | | | |
|---|----------|---|----------|
| (a) from a colder object to a hotter object | () | (b) from a hotter object to a colder object | () |
| (c) in both the directions | () | (d) heat never flows from one object to other | () |

4-Phenolphthalein is a synthetic indicator and its colours in acidic and basic solutions, respectively are:

- | | | | |
|-------------------------|----------|--------------------------|----------|
| (a) red and blue | () | (b) blue and red | () |
| (c) pink and colourless | () | (d) colour less and pink | () |

5-During the process of exhalation, the ribs move

- | | | | |
|-----------------------|----------|--------------------|----------|
| (a) down and inwards | () | (b) up and inwards | () |
| (c) down and outwards | () | (d) up and outward | () |

(1 MARK EACH)

Fill in the blanks.

6- Soil is formed by.....of rocks.

7-..... fight against germs.

8-Buds are present on the margins of leaves of.....

9-Uneven surfaces show reflection.

10-The formula for speed is

SECTION-C (2 MARKS EACH)

11-A simple pendulum takes 42 sec. to complete 20 oscillations. What is its time period?

Ans:

12-State the characteristics of the image formed by a plane mirror.

Ans:

13- Write one function of RBCs and Platelets?

Ans:

14-Where is the bile produced? Which component of the food does it help to digest?

Ans:

15- Write down two examples of neutralisation reaction in daily life?

Ans:

SECTION:C

Subject: Mental Ability

All question are optional type (tick the correct option.

1. Look at this series: 1, 4, 9, 16, ... What number should come next?

- a) 18 ()
- b) 25 ()
- c) 5 ()
- d) None of These ()

2. Introducing a man, a woman said, "He is the only son of my mother's mother." How is the woman related to the man ?

- a) Mother
- b) Aunt
- c) Sister
- d) Niece

3. 133, 263, 393, 2.....2

- a) 2 ()
- b) 4 ()
- c) 6 ()
- d) None of These ()

4. In the following letter series, find the letters to replace the question-mark(?) to complete the series:

ZXW, VTS, RPO, NLK, ?, FDC

- a). JIH
- b). GHJ
- c). JHG
- d). IHG

5. Dhiren walked 5 km towards North. Then he turned left and walked 5 km. Finally, he turns left and walks 10 km. In which direction is he from the starting point?

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

6. Select the option that will correctly replace the question mark (?) in the series: C10G, F16J, I22M, ____?

- a) P28L ()
- b) P26L ()
- c) L27P ()
- d) L28P ()

7. In the given sequence, some letters are missing. Which of the given options can fill the blanks in the correct order from left to right?

ab _ ab _ aaa _ bbaaa _ bbbb

- a) abab ()
- b) abba ()
- c) aabb ()
- d) baba ()

8. A, B, C and D are to be seated in a row. C and D cannot be on adjacent seat. Also, B cannot be at the third place. Which of the following must be false?

- a) A is at the fourth place ()
- b) A is at the third place ()
- c) A is at the second place ()
- d) A is at the first place ()

9. Rajeev is facing west. He turns 45 degree in the clockwise direction and then another 180 degree in the same direction and then 270 degree in the anticlockwise direction. Find which direction he is facing now?

- e) South ()
- f) West ()
- g) South-West ()
- h) South-East ()

10. F : 216 :: L : ?

- (a) 1728 ()
- (b) 1700 ()
- (c) 1600 ()
- (d) 1723 ()