

THE LAWRENCE SCHOOL SANAWAR

Syllabus for English Entrance Examination for Class Eight

- 1) Essay
- 2) Unseen Comprehension
- 3) Grammar:
 - Direct and Indirect Speech
 - Active Passive Voice
 - Tense
 - Determiners
 - Conjunctions
 - Kinds of Sentences. (Transformation)
 - Articles
 -

Sample Paper for Admission To Class **VIII**)

SUBJECT - **ENGLISH**

Time: 01 Hour
100

Max. Marks:

Q1. Write a composition on any ONE of the following :

15 marks

Reading – a Pleasure
or
Work is Worship

were controlled according to the Bombay Jail Manual. But he was allowed to have any number of letters. He had letters from all over the world from Sinclair Lewis and Upton Sinclair and Fenner Brockway.

- (2) He was given two cells and another prisoner to help him-like a servant, as a matter of fact-and a couple of goats were produced for him and they were kept in the European yard. The outer gate of the European yard was kept closed, but his cell doors were left open. The other prisoners in the European yard were either British or of other European nationalities. We had counterfeiters and murderers and everything else. And I do know that they did have some contact with Mahatma Gandhi because on various occasions he used to tell me about things that were happening, and in some cases he'd ask me to intercede on their behalf over various things.
- (3) I'd see him every evening and have a long chat with him-that was during his first prison sentence. Later on, I was a senior official there and I used to go there and talk with him every evening and he would teach me Gujarati. He was a very humorous chap, we used to enjoy ourselves having a joke. The yard was an open yard with a wall all round it-a wall, I should say, of about 12 feet, not a very high wall (like the prison wall) and there were trees, and in the middle there was bath-house. There were flowers, a garden, and a verandah to the cells. And he used to sit there spinning. He made some cloth for my daughter. He spun the thread for it and had the cloth made.

(4)

Answer the following questions :

1. What was the name of Mahatma Gandhi's prison and where was it located ?

2. Why was special treatment given to Mahatma Gandhi ?

3. How were other political prisoners treated ?

4. What was Gandhi's attitude to other Europeans in the prison ?

5. Where did Mahatma Gandhi sit for spinning and what did he do for the jailor's daughter ?

6. Supply a suitable title to the passage.

7. Find words in the passage, which are similar to the following :

- (a) kept under restraint _____ (para 1)
- (b) small room in prison _____ (para 2)
- (c) diverse _____ (para 2)
- (d) fellow _____ (para 3)

Q3. Rearrange the words and phrases given below to make meaningful sentences : 07 marks

1. Ravi / a / lazy / boy / was / very

2. every morning / had to pull / him / his mother / out of / bed / his

3. late / was often / he / to school

4. his teacher / no effect on / him every time / but it had / scolded / him

5. finally / him / decided to teach / the teacher / a lesson

6. next / was / Ravi / late / time / three rounds of the / playfield / large / told him / the teacher / to take /when

7. the / tired / boy / was / so / lazy / in future / he / that / decided to / come to / on time / school

Q4. Fill in the blanks with suitable articles :

08 marks

1. My uncle is _____ M.L.A.
2. The guide knew _____ way.
3. _____ mother cat licks her kittens from _____ moment they're born.
4. Aditi has _____ Honda Activa but she doesn't use it to commute to _____ college.
5. I met _____ one-eyed man _____ hour ago.

Q5. Fill in the blanks with the correct form of the verb given in the brackets :

10 marks

1. What a lazy fellow you are ! Don't you know that the unit tests _____ (approach) ?
2. The rain _____ (stop) before I _____ (step) out of the room.
3. I _____ (write) a new book. I _____ (hope) to finish it by the end of this month.
4. When I _____ (give) Tom the news, he _____ (not believe) me. He _____ (think) that I _____ (joke).
5. Anju _____ (speak) French very well.

Q6. Fill in the blanks using *who, which, whose* or *where* :

05 marks

1. Do you know anybody _____ wants to buy a car ?
2. You always ask questions _____ are difficult to answer.
3. This school is only for children _____ first language is not English.

- The lady _____ is sitting in the corner teaches us Philosophy.
- I would like to live in a country _____ there is plenty of sunshine.

Q7. Complete the following sentences using question tags : 05 marks

- Amit was very helpful, _____ ?
- The man is staring at me, _____ ?
- It didn't rain last night, _____ ?
- There is someone at the door, _____ ?
- The boys are ready, _____ ?

Q8. (a) Fill in the blanks with appropriate form of the adjectives given in the brackets : 05 marks

- The weather is getting _____ (bad).
- He was _____ (busy) than usual today.
- Have you read her _____ (late) book ?
- Health and happiness are _____ (important) than money.
- It's the _____ (short) day of the year.

(b) Complete the following sentences using the noun form of the word given in the brackets : 05 marks

- The recent _____ (advance) in the medical science has saved many a life.
- I am fed up with your _____ (stupid).
- Ravi and Puneet are very good friends. Their _____ (friend) is more than eleven years old.
- We have bought a new flat recently in Mussoorie but we haven't taken its _____ (possess).
- It was sheer _____ (mad) on the part of the bus driver to overtake the truck on a blind turn.

Q9. Change the voice in the following sentences : 10 marks

- The ticket will be given to you by the manager.

- Did the noise frighten you ?

3. He was dismissed from service for his rude behaviour.

4. Children are flying kites.

5. They are going to make the experiment next week.

Q10. Change the speech in the following sentences :

10 marks

1. Jaspreet said, "We will have to get a taxi."

2. The Principal said, "Children, don't run in the corridor."

3. The team exclaimed with joy that they had won the match.

4. He said to his brother, "When was the fire extinguished?"

5. The teacher said that two and two make four.

**THE LAWRENCE SCHOOL,
SANAWAR**

Syllabus of Hindi Class VIII for Entrance Examination

S.No.	Questions
1.	Sandhi & Vichched (Swar Sandhi)
2.	Gender
3.	Number
4.	Antonyms
5.	Synonyms
6.	One Word Substitution
7.	Meaning of Idioms & making sentence
8.	Correcting sentences
9.	Essay Writing
10.	Picture Writing

**THE LAWRENCE SCHOOL,
SANAWAR**

Sample Paper (Entrance Examination for Class VIII)

SUBJECT- HINDI

Time: 01 Hour

Max. Marks: 100

निर्देश : इस प्रश्नपत्र में कुल 11प्रश्न हैं। सभी प्रश्नों के उत्तर देना अनिवार्य है।

Instructions: This question paper has only 11questions. All questions are compulsory.

1. संधि कीजिए :

5

भाव + अर्थ =....., सदा + एव =, महा + इंद्र =,

परम + आत्मा =, यदि + अपि =

2. संधि विच्छेद कीजिए :

5

हिमालय, सप्तर्षि.....,
महोदय.....

तथैव....., स्वागत..... ।

3. नीचे लिखे शब्दों के लिंग बदलिए :

10

बालक.....,शेर....., छात्र....., नाई.....,
सेवक.....

श्रीमान....., लेखक....., पंडित....., दाता.....,
जेठ

4. नीचे लिखे शब्दों के वचन बदलिए :

10

आँख....., रात....., तिथि.....,
स्त्री....., कली.....

रोटी....., लिपि....., छात्र....., वस्तु.....,
गाय.....

5. नीचे लिखे शब्दों के विलोम शब्द लिखिए :

10

छूत....., लेखक....., अनुकूल.....,
सजीव..... आय.....

मिलन....., आदान....., पाप....., उचित.....,
यश

6. नीचे लिखे शब्दों के दो-दो पर्यायवाची शब्द लिखें :

10

राजा....., | घर.....,
..... |

पवन....., | रात.....,
..... |

पृथ्वी....., |

7. नीचे लिखे मुहावरों के अर्थ लिखें :

5

आँखें खुलना | अँगूठा दिखाना
..... |

कमर टूटना | मुँह की खाना
..... |

फूला न समाना |

8. नीचे लिखे अनेक शब्दों के लिए एक शब्द लिखें :

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क. तप करने वाला -

ख. जो पहले न पढ़ा हो -

ग. जिसका आदि न हो -

घ. नगर में रहनेवाला -

ड. इतिहास को जाननेवाला -

9. नीचे लिखे वाक्यों को शुद्ध कीजिए :

5

क. कल तुम्हारा माताजी आया ।

..... ।

ख. आप जा सकता है ।

..... ।

ग. सब काम करना होंगे

..... ।

घ. दवात से स्याही गिर गया ।

..... ।

ड. रास्ते में अनेकों लोग थे ।

..... ।

10. किसी एक विषय पर लगभग 100 शब्दों का एक निबंध लिखिए :

20

1. वसंत ऋतु

2. हमारा देश : भारत

3. आदर्श विद्यार्थी

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11. नीचे दिए चित्र को देखकर 80 से 100 शब्दों में उसका वर्णन करें।
15

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THE LAWRENCE SCHOOL SANAWAR

Syllabus for Entrance Examination to Class VIII

Food:	Food from where; Utilization of food
Materials:	Materials of daily use; Different kinds of materials; How things change; How things react with one another
The world of living:	Surroundings affect the living; The breath of life; Movement of substances; Multiplication in plants
Moving things, people and ideas:	Moving objects; Measurements of time; speed; motion along straight line
How things work:	Electric current and circuits; Heating effect of current; Fuse; Electromagnet; Electric bell
Natural Phenomena:	Rain, thunder and lightning; Light
Natural Resources:	Scarcity of water; Forest products; Waste management

Sample Paper for Entrance Examination to Class VIII

General Science

Time: 01 hours

Max.

Marks: 100

General Instructions:

1. All questions are compulsory.
2. Questions are to be answered on the question paper itself (on the space provided against each question).

A. Give one word for the following:

(25marks)

1. Organisms that live in or on other living organisms for food.
_____.
2. Chewing food to break it into small pieces. _____.
3. The combining capacity of an element. _____.

4. The number of atoms present in a molecule of an element.
_____.
5. The breeding and management of silkworms for production of silk.
_____.
6. The blowing of air from sea towards the land. _____.
7. The fastest mode of transfer of heat. _____.
8. An acid present in lemon. _____
9. In this type of chemical reactions, heat is released. _____.
10. Scientific name of the upper layer of soil or top soil.

11. Natural intermixing of two gases of different concentrations.
_____.
12. Tiny air sacs present at the end of bronchioles. _____.
13. The number of human blood groups. _____.
14. Transport system in plants to carry water and minerals from roots to stem.
_____.
15. The process in which plants lose water through leaves.
_____.
16. Process to remove waste material from a person with damaged kidneys.
_____.
17. Process of producing new individuals of same kind. _____.
18. After this process ovules change into seeds and the ovary into fruits.
_____.
19. The distance covered by a moving object per unit time. _____.
20. An electrical device that cuts off current to prevent damage in a circuit.
_____.
21. Process of coating zinc on iron. _____.

22. The distance from the focus to the pole of a spherical mirror.
_____.

23. A gas given off when calcium carbonate is heated. _____.

24. A group of cells having similar structure and function.
_____.

25. The process of steam changing back to water on cooling.
_____.

**B. State whether the following statements are True [T] or False [F]:
(25 marks)**

1. The sun is the ultimate source of all energy. []
2. Saliva changes starch into sugar. []
3. Most of digestion of food takes place in the stomach. []
4. The main function of the large intestine is to remove excess water from undigested food. []
5. Gases are bad conductors of heat. []
6. For Conduction of heat, no medium is required. []
7. A white object absorbs more heat than a black object. []
8. A thermos flask consists of a double-walled glass vessel. []
9. When water is added to a strong acid it changes into a weak acid. []
10. All acids contain hydrogen ions. []
11. A salt is formed when a metal displaces hydrogen from an acid. []
12. The greater the number of hydroxyl ions (OH^-) in solution of a base in water, stronger is the base. []
13. In insects, exchange of gases occurs through spiracles. []
14. Within the lungs the exchange of gases takes place in the bronchi. []
15. Oxygen breathed in from air is passed into the blood in trachea. []
16. Veins connect arteries with capillaries. []

17. Plants convert waste products into soluble compounds. []
18. Urea is a waste product formed during the digestion of food. []
19. Metals are conductors of electricity. []
20. Copper offers large resistance to the flow of current in it. []
21. The core of an electromagnet can be made of any metal. []
22. Ground water is a non-renewable resource. []
23. Water contracts while changing into ice. []
24. Carnivores are primary consumers. []
25. A food chain shows the flow of energy from one organism to another. []

**C. Fill in the blanks:
(25marks)**

1. Mutually beneficial relationship between two living organisms is called _____.
2. Heat is a form of _____.
3. At -40° , both Celsius and Fahrenheit scales show _____ reading.
4. _____ turn red litmus blue .
5. Sodium hydroxide is also known as _____.
6. Heat is absorbed in _____ reaction.
7. _____ soil has the highest humus content.
8. Salt is obtained from seawater by _____ the water.
9. Wheat and rice grow best in _____ soil.
10. _____ is a mixture of sand, silt, clay and humus.
11. In breathing, there is _____ release of energy.

12. The substance present in blood that transports oxygen is _____.
13. Process in which water enters into the roots of a plant from the soil is _____.
14. Arteries carry _____ blood from the heart.
15. Oxygenated blood is found on the _____ side of the heart.
16. The image formed by a concave mirror is always _____.
17. The colour of red blood cells is due to the presence of a protein called _____.
18. The stretching and relaxing of arteries with each heartbeat is called _____.
19. Mosses and ferns reproduce by _____ formation.
20. The method of reproduction that involves only one parent is called _____.
21. If a body covers equal distances in equal intervals of time, it is in _____ motion.
22. Electric _____ flows from positive terminal to negative terminal of a cell.
23. The centre of a cyclone is calm and it is call the _____ of the cyclone.
24. Digested sludge can be used as a _____.
25. Indiscriminate cutting down of forest trees is called _____.

**D. Choose the most appropriate answer: (Put Tick \checkmark mark)
(25 marks)**

1. The life process that provides energy : nutrition/respiration/response to stimuli/excretion
2. Which of these are autotrophs? : all plants/unicellular organism/all animals/green plants
3. Which is not necessary for photosynthesis? : oxygen/chlorophyll/light/sound

4. Which is not part of nutrition : digestion/absorption/egestion/excretion
5. The pointed teeth in our mouth are : premolars/incisors/molars/canines
6. The last part of digestion takes place in : stomach/small intestine/large intestine/oesophagus
7. Which organ does not secrete digestive juices? : stomach/small intestine/liver/oesophagus
8. Most amount of digestion of food takes place in : mouth/stomach/small intestine/large intestine
9. 100°C is equal to : $0^{\circ}\text{F}/212^{\circ}\text{F}/32^{\circ}\text{F}/100^{\circ}\text{F}$
10. There are about 114 different : elements/compounds/molecules/mixtures
11. The state of matter with definite shape and volume is : solid/liquid/gas/plasma
12. The state of matter with least force of attraction is : solid/liquid/gas/plasma
13. Which of these following is not a mixture? : air/sea water/pure water/soil
14. Atomic mass is measured in : gram/milligram/kilogram/a.m.u
15. Valency of which of these elements is zero? : iron/helium/hydrogen/oxygen
16. Chemical formula for calcium hydroxide is : $\text{CaOH}/\text{Ca}_2\text{OH}/\text{Ca}(\text{OH})_3/\text{Ca}(\text{OH})_2$
17. Which of these is not an animal fibre? : wool/silk/jute/angora
18. Which of these is a synthetic fibre? : alpaca/mohair/rayon/vicuna
19. Fibres based on cellulose as their structural material are : flax/silk/cashmere/wool
20. A rare and expensive fibre called cashmere is obtained from : camel/rabbit/goat/sheep
21. Which of these fibres is a good insulator? : silk/nylon/rayon/cotton
22. Which of these will expand the most on heating? : gold/water/mercury/air
23. Convection occurs in : solids only/liquids only/gases only/solids and liquids only
24. A thermos flask prevents transfer of heat by : conduction /convection /radiation /all of these

25. Common name of sodium bicarbonate is : phitkari/caustic soda/baking powder/blue vitriol



**THE LAWRENCE SCHOOL, SANAWAR
SIMLA HILLS, INDIA- 173202**

**SYLLABUS FOR ENTRANCE TEST
CLASS VIII
MATHEMATICS**

Number System

(i) Knowing our Numbers:

Integers

Multiplication and division of integers (through patterns).

Properties of integers (including identities for addition & multiplication, *commutative, associative, distributive*) (through patterns). These would include examples from whole numbers as well. Involve expressing commutative and associative properties in a general *form*.

Construction of counter examples. Counter examples like subtraction is not commutative.

Word problems including integers (all operations)

(ii) Fractions and rational numbers:

Multiplication of fractions, Fraction as an operator, Reciprocal of a fraction, Division of fractions
Word problems involving mixed fractions. Introduction to rational numbers (with representation on number line) Operations on rational numbers (all operations), Representation of rational number as a decimal. Word problems on rational numbers (all operations) Multiplication and division of decimal fractions, Conversion of units (length & mass), Word problems (including all operations)

(iii) Powers:

Exponents only natural numbers. Laws of exponents (through observing patterns to arrive at generalisation.)

(iv) Algebra

ALGEBRAIC EXPRESSIONS

Generate algebraic expressions (simple) involving one or two variables, Identifying constants, coefficient, powers, Like and unlike terms, degree of expressions e.g., $x^2 + 2y$ etc. (exponent ≤ 3 , number of variables). Addition, subtraction of algebraic expressions (coefficients should be integers).

Simple linear equations in one variable (in contextual problems) with two operations (avoid complicated coefficients).

Ratio and Proportion

Ratio and proportion, Unitary method continued, consolidation, general expression.

Percentage- an introduction. Understanding percentage as a fraction with denominator 100

Converting fractions and decimals into percentage and vice-versa. Application to profit and loss (single transaction only) Application to simple interest (time period in complete years).

Geometry

(i) Understanding shapes:

Pairs of angles (linear, supplementary, complementary, adjacent, vertically opposite) (verification and simple proof of vertically opposite angles) Properties of parallel lines with transversal (alternate, corresponding, interior, exterior angles)

(ii) Properties of triangles:

Angle sum property (with notions of proof & verification through paper folding, proofs using property of parallel lines, difference between proof and verification.) Exterior angle property, Pythagoras Theorem (Verification only)

(iii) Symmetry

Recalling reflection symmetry, Idea of rotational symmetry, observations of rotational symmetry of 2-D objects. (900, 1200, 1800) Operation of rotation through 900 and 1800 of simple figures.

Examples of figures with both rotation and reflection symmetry (both operations)

Examples of figures that have reflection and rotation symmetry and vice-versa

(iv) Representing 3-D in 2-D:

Drawing 3-D figures in 2-D showing hidden faces. Identification and counting of vertices, edges, faces, nets (for cubes cuboids, and cylinders, cones). Matching pictures with objects

(Identifying names) Mapping the space around approximately through visual estimation.

(v) Congruence

Congruence through superposition (examples blades, stamps, etc.) Extend congruence to simple geometrical shapes e.g. triangles, circles. Criteria of congruence (by verification) SSS, SAS, ASA, RHS

(vi) Construction (Using scale, protractor, compass)

Construction of a line parallel to a given line from a point outside it. (Simple proof as remark with the reasoning of alternate angles) Construction of simple triangles. Like given three sides, given a side and two angles on it, given two sides and the angle between them.

Mensuration

Revision of perimeter, Idea of Circumference of Circle *Area*, Concept of measurement using a basic unit area of a square, rectangle, triangle, parallelogram and circle, area between two rectangles and two concentric circles.

Data handling

(i) Collection and organisation of data – choosing the data to collect for a hypothesis testing.

(ii) Mean, median and mode of ungrouped data – understanding what they represent.

(iii) Constructing bar graphs (iv) Feel of probability using data through experiments. Notion of chance in events like tossing coins, dice etc. Tabulating and counting occurrences of 1 through 6 in a number of throws. Comparing the observation with that for a coin. Observing strings of throws, notion of randomness.

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**THE LAWRENCE SCHOOL
SANAWAR**

**Sample Question Paper for Entrance Examination
Class VIII**

MATHEMATICS

Time : 01 Hour

Max. Marks: 100

General Instructions:

- All the questions are compulsory.
- Marks for each question are mentioned appropriately.
- Write neatly and answer all the questions on this Answer sheet only.

SECTION – A (1–MARK EACH)

1. Fill in the blanks : -
 - i) Additive Inverse of $-3/5$ is
 - ii) Multiplicative Inverse of $2/5$ is
 - iii) The number of terms in a Binomial is.....
 - iv) Coefficient of x^2 in $5y - 3x^2z$ is
 - v) $(12005)^0 =$
 - vi) The number of faces in a Cuboid is
 - vii) The number of vertices in a Cone is.....
 - viii) The Supplement angle of 105° is
 - ix) The standard form of number 12756000000000 is

x) The number of lines of Symmetry of a Square is

SECTION – B (2–MARKS EACH)

2. 5 % of 600 =

3. Simplify: $3 + (-2) - (-3) =$

4. The probability of drawing a marble numbered 5 from a bag containing 8 marbles numbered from 1 to 8 is
.....

5. Write a linear equation for the statement : “two times a number ‘x’ gives 7 when 15 is subtracted from it” :
.....

6. Solve the equation : $4(2 - x) = 9$.
.....

SECTION – C (4–MARKS EACH)

7. Find Mean, Mode & Median of the individual scores of 11 cricket players:
6, 15, 120, 50, 100, 80, 10, 15, 8, 10, 15.

8. Evaluate the following and comment which one is greater of the two: $2^2 \cdot 3$ & $(2^2)^3$

9. Subtract: $5a^2 - 7ab + 5b^2$ from $3ab - 2a^2 - 2b^2$.

10. In an isosceles triangle, the two base angles are equal, if angle at the vertex is 40° then find other two angles.

11. A company earns a profit of Rs 8 per bag on white cement and a loss of Rs 5 per bag on grey cement. If 3000 bags of white cement & 5000 bags of grey cement are sold in a month then find net profit or loss for the month.

12. Arrange the fractions in ascending order: $\frac{2}{3}$, $\frac{2}{9}$ & $\frac{8}{21}$

13. Find Simple interest and Amount for Rs 3500 at 7% p.a. rate of interest , at the end of 3 years.

14. The cost of a flower – pot is Rs 120. If it is sold at a profit of 10% then find the selling price.

15. Find the value of: $5n^2 + 5n - 2$ when $n = -2$.

16. A car covers a distance of 43.2 km in 2.4 liters of petrol. How much distance will it go in 1 liter ? Calculate.

SECTION – D (8–MARKS EACH)

17. Prove that exterior angle of a triangle is equal to sum of opposite interior angles.
Also find the value of x & y from the diagram given below.

18. A tree is broken at a point which is at a height of 5 m from the ground and top touches the ground at a distance of 12 m from the base of the trunk. Find the height of the tree in its original form.

19. Construct a triangle ABC when $BC = 4$ cm; $BA = 6$ cm and angle $B = 60^\circ$.

20. Calculate area of the shaded portion of the diagram given below: -

(The diagram can be a combination of a rectangle or square and circle)

21. Show that the triangles ABC & BAD in the diagram given below are congruent.

(The diagram could be based on any of the principles of congruency)