

ANNUAL SAMPLE PAPER
CLASS IX
SUBJECT – ENGLISH

TIME- 3 hours.

MM. 80

Section A – Reading (20 marks)

1 Read the following passage carefully.

(8 marks)

1. Producing silk is a lengthy process and demands close attention. First, quality feed for silkworms needs to be cultivated. Then the worms need to be carefully hand-reared in controlled environmental conditions till the pupae spin the silk cocoons. The silk is extracted by the human hand and then woven into fabric.
2. South India is the leading silk-producing area of the country, also known for its famous silk-weaving enclaves like Kanchipuram, Dharmavaram and Arni. The traditional handloom silks always score over the powerlooms ones in the richness of their textures and design, in their individuality, character and classic beauty. Handloom weaving remains a symbol of the versatility and creativity of living craft. Today, Indian silks, especially the handloom products remain the most beautiful and cherished world over.
3. It is estimated that almost 85 per cent of the price of silk in the market goes back to communities that are engaged in sericulture and silk industry as the entire families are involved in production rather than one breadwinner.
4. It plays a huge role in the upliftment of communities from poverty to prosperity. If the consumption of silk increases, the entire village tends to prosper. The final part of silk production is the weaving of the fabric which is considered more of an art than an act. These communities depend solely on weaving silk for their livelihood and the distinct regions have developed their own character of weaving silk to establish indelible identities for themselves.
5. Silk has been intermingled with the life and culture of the Indians. Though India produces all the varieties of silk, i.e., dress materials, scarves/stoles, readymade garments, etc., the silk sarees are unique. The saree is almost synonymous with the word silk. It has been the traditional costume of the Indian woman since times immemorial. There are innumerable references in Indian literature about this draped garment and the style of wearing, which differs from time to time, region to region and people to people. The silk sarees of India are among the excellent living examples of the craftsmanship of the weavers of the country.

On the basis of your reading, answer the following questions briefly.

(1 × 8 = 8 marks)

- a. What is the first step in silk production?
- b. How are the worms taken care of?
- c. Which is the most famous silk?
- d. Name a few famous South Indian silk-producing centres.
- e. How does the production of silk help in the upliftment of communities?
- f. What is the traditional costume of Indian woman?
- g. Which is the final part of silk-weaving?
- h. Find the word from the passage which means the same as 'use up'.

2 Read the following passage carefully.

(12 marks)

1. Here are some interesting facts about the Levi jeans. It is really wonderful to know something about the one of the most popular jeans brands of the world. Nowadays, it is very popular outfit, especially for the young generation. Generally, we think that Levi manufacture denim in blue colour. But it is really strange to know that when Levi Strauss sold his first pair of jeans, they were not blue and they were not denim, He was 21, a recent immigrant from Bavaria, when he landed in San Francisco in 1850 with gold on his mind. His brother back East had stocked him with some dry goods and bolts of canvas, which young Levi intended to sell as tents and wagon tops. He wanted to raise cash to buy himself a claim in the gold digs. Legend has it that a single encounter with a disgruntled miner changed his career. Eyeing the goods, the miner said he would have done better to bring pants. Pants were out quickly in the gold digs.
2. Very soon that miner had the toughest pair of brown canvas pants in the West. Soon other good prospectors came around looking for those pants of Levi's. Within a few years, he switched from canvas to French denim, reputed to be the strongest fabric in the world. He later added the indigo dye that puts the blue in the blue jeans. Meanwhile, Jacob Davis, a tailor in Nevada, came up with the idea of copper-riveted pockets. Miners kept loading ore into their pockets and ripping them out.
3. One day, after having repaired the same miner's pockets several times, the tailor sneaked off to the harness shop and reinforced the seams with rivets. Davis knew he had a good thing, so he went down to see Strauss in San Francisco and the two men took out a patent on riveted pockets.
4. Strauss developed the first and largest garment-making business west of the Mississippi River. His reputation for probity and public spiritedness became a San Francisco legend. 'You can buy Levi's for a dollar, but you can't buy Levi Strauss for a million dollars,' it was said.

I. Answer these questions on the basis of your reading of the passage.

(2 × 4 = 8 marks)

- a. Why did Levi Strauss go to San Francisco in 1850?
- b. What is the story behind the pair of brown canvas?
- c. How did the brown canvas pant change into blue jeans?
- d. Mention some character traits that make Levi Strauss unique.

II. Pick out words or phrases from the passage which mean the same as the following words.

(1 × 4 = 4 marks)

- a. dissatisfied (para 1)
- b. go somewhere secretly (para 3)
- c. honesty (para 4)
- d. enthusiasm (para 4)

Section B – Writing and Grammar (30 marks)

3 With the advent of the examinations, many students move into severe depression. At times, this could result in disastrous consequences. Write an article, in 100-150 words, for your school magazine on the topic 'How to cope with the Examination Stress?' You may use the information given below.

(8 marks)

- Manage your time effectively by working out a timetable
- Maintain a balance between all subjects
- Practise regularly
- Relax and meditate
- Take the failure in your stride
- Set realistic goals
- In case it doesn't work this time, there is always a second time

- 4 **Students mostly think that their teachers exaggerate their bad qualities. But it is not at all true. They love their students and have their best interest at heart. With the help of the following storyline, write a story, in 150-200 words. Give a suitable title to the story. (10 marks)**

A man searches for his old Guru – prays to God – dreams of finding him near a seashore – next morning goes there – gets success – sees his Guru as a fisherman – feels ashamed – does not recognise and moves – faints due to heat – fisherman picks him up – takes him to a safe place – when he wakes up, sees fisherman at – his side protecting him – man realises his mistake – touches Guru's feet – feels sorry.

- 5 **Fill in the blanks choosing the correct words from the given options. (4 marks)**

The Education Minister has been invited (a) preside (b) the function and give (c) prizes (d) the prize-winners.

- | | | | |
|----------|-----------|-----------|-----------|
| a. i. at | ii. on | iii. in | iv. to |
| b. i. on | ii. above | iii. over | iv. under |
| c. i. in | ii. away | iii. of | iv. up |
| d. i. to | ii. on | iii. in | iv. under |

- 6 **In the given passage, one word has been omitted in each line. Write the missing word along with the words before and after against the correct blank number. (4 marks)**

	Before	Word	After
They had got used quite a different	(a)
type food during the past few	(b)
days found it difficult to adjust	(c)
to the meagre dish Gulnaz cooked.	(d)

- 7 **Look at the words and phrases below. Rearrange them to form meaningful sentences. Write the correct sentences in your answer sheet. (4 marks)**

- amusement / are / a source of / to / sleepwalkers / other people
- for / sleepwalkers / anxiety / a source of / but / are / their families
- incidents / to prevent / not easy / are / sleep walking
- result / sometimes / in accidents / they

Section C – English Textbook and Supplementary Reader (30 marks)

- 8 **Read the given extract and answer the questions that follow. (4 marks)**

He won't do what you tell him.
 So, come, let's build strong homes,
 Let's joint the doors firmly.
 Practise to firm the body.
 Make the heart steadfast.
 Do this, and the wind will be friends with us.

- Who is 'he' in the above stanza?
- The wind does not listen to us. What should we do?
- What should we do to make friends with the wind?
- What do you understand by 'practise to firm the body'?

OR

Evelyn Glennie has already accomplished more than most people twice her age. She has brought percussion to the front of the orchestra, and demonstrated that it can be very moving. She has given inspiration to

those who are handicapped, people who look to her and say, 'If she can do it, I can.' And, not the least, she has given enormous pleasure to millions.

- a. What do you know about Evelyn's achievements?
- b. What is her contribution to the percussion?
- c. How has she inspired the handicapped?
- d. Which word in the passage means 'achieved successfully'?

9 Answer the following questions in 30-40 words each.

(2 × 5 = 10 marks)

- a. How did Kezia react to her beating by her father?
- b. Where did the author find the toothbrush?
- c. Why did the swallow not leave the prince and go to Egypt?
- d. The cat and the author are very fond of each other. How has this been shown in the story? Where was the cat after the fire? Who brings it back and how?
- e. What did the narrator do for his livelihood? What was his condition like in the beginning?

10 Answer any one of the following questions in 100-150 words.

(8 marks)

'To hear any flute is to be drawn into the commonalty of all mankind.' Why does the author say this?

OR

Write a short character-sketch of Kezia's father.

11 Answer any one of the following questions in 100-150 words.

(8 marks)

Behrman has a dream. What is it? Does it come true?

OR

The cat and the author are very fond of each other. How has this been shown in the story? Where was the cat after the fire? Who brings it back and how?

Annual Examination
Sample Paper
Social Science
Class IX

Time: 3 hrs

Total Marks: 80

General Instructions:

- i. The question paper has **35** questions in all.
 - ii. Questions from serial number **1** to **20** are objective type questions. Each question carries **one mark**. Answer them as instructed.
 - iii. Questions from serial number **21** to **28** are **3 marks** questions. Answer of these questions should not exceed **80 words** each.
 - iv. Questions from serial number **29** to **34** are **5 marks** questions. Answer of these questions should not exceed **120 words** each.
 - v. Question number **35** is a map question of **6 marks** with two parts -**35a** from History (2 marks) and **35b** from Geography (4 marks).
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SECTION A - A VERY SHORT ANSWER QUESTIONS

1. Study the picture and answer the questions that follows.



The above image is of a scepter. What does it signify?

- A. Royal power
 - B. Unity
 - C. Revolutionaries
 - D. An act of becoming free
2. Who led the Bolshevik group in Russia during Russian Revolution?
- | | |
|-------------------|---------------------|
| A. Karl Marx | B. Friedrich Engels |
| C. Vladimir Lenin | D. Trotsky |

3. The book 'Mein Kampf' is written by:
A. Adolf Hitler B. Hindenburg
C. Mussolini D. Charlotte Beradt

4. Where is Java located?

OR

Who was the first Inspector General of Forests in India?

5. Which one of the following is called pre-monsoon showers in Kerala?
A. Kaal Baisakhi B. South-west monsoons
C. Mango showers D. None of these

6. Complete the following table with correct information with regard to the cultivation of Sugarcane.

Rivers and tributaries	Kaveri	Krishna	Godavari
	Hemavati	(A)-?	(B)-?

7. What is meant by bhabar?

OR

What is the name of the outer most range of the Himalayas?

8. Correct the following statements and rewrite:

All the courts at different levels in a country put together are called the Executive.

OR

In our country, the Parliament consists of three Houses.

9. _____ was the chairman of the Drafting Committee of the Constituent Assembly.

OR

_____ Was the President of the Constituent Assembly.

10. Study the picture and answer the questions that follows.



The title of the above cartoon is 'Electoral Campaign'. What is it depicting?

- A. The candidate getting the highest number of votes wins the election.
- B. Economic disparities between the rich and the poor.
- C. Dynastic politics
- D. The candidate spending more money in election campaign is likely to get elected in elections.

11. What is Summon?

OR

What do you mean by Writ?

12. Why is literacy rate low among the females?

- A. Lack of equal education opportunities
- B. Lack of transport facilities
- C. Lack of infrastructure
- D. Lack of income

13. Quarrying and manufacturing is included in the_____

14. The quality of resources which can be improved through investment in education and training is the_____

15. Which organisation carries out survey for determining the poverty line?

16. In rural areas in India, the accepted average calories requirements per person per day is_____

17. What is the most abundant factor of production?

18. When were the high yielding varieties (HVY) of seeds introduced to the Indian farmers?

19. Consumption of chemical fertilizers is highest in which state of India?

- (A) Punjab
- (B) Haryana
- (C) Rajasthan
- (D) Himachal Pradesh

20. Why do the farmers of Palampur follow multiple cropping? Choose the correct answer.

- (A) Because the water consumption is less in this method
- (B) Because this method consumes less chemical fertilizers
- (C) Because this method doesn't involve much cost
- (D) Because this method is the most common way of increasing production

SECTION B- SHORT ANSWER QUESTIONS

21. Describe any three events leading to the February Revolution of 1917 in Russia.

OR

Describe the three reforms introduced in Russia by Czar Nicholas II after the Revolution of 1905.

22. How were forests classified on the basis of the Forest Act, 1878?

OR

What were the main causes of the revolt of Baster?

23. Read the sources given below and answer the questions that follows-

23.1 Source A- The Emergence of a Middle Class

The eighteenth century witnessed the emergence of social groups, termed the middle class. The members of the middle class included writers such as Rousseau and John Locke.

23.2 Source B- Ideas of the Philosophers

The ideas of these philosophers were discussed intensively in salons and coffee-houses and spread among people through books and newspapers. Montesquieu's model of the government that he suggested in 'The Spirit of the Laws' was put into force in the USA.

23.3 Source C- Printers and Publishers

Voting in the Estates General in the past had been conducted according to the principle that each estate had one vote. This time too Louis XVI was determined to continue the same practice. But members of the third estate demanded that voting now be conducted by the assembly as a whole, where each member would have one vote. This demand was rejected by the king.

23.1 Name a book written by Rousseau.

23.2 Which famous model of government was suggested by Montesquieu?

23.3 What happened after the king rejected the demand of the members of the Third Estate for equal voting rights?

24. How does the latitude and altitude affect the climate of India?

OR

Differentiate between climate and weather.

25. Why did Dr. Ambedkar call the Right to constitutional Remedies ‘the heart and soul’ of our constitution.

26. How are the Council of Ministers categorised?

OR

What powers rest with the Prime Minister of India?

27. Suggest any three ways to transform population load into an asset.

28. Explain the principle measures taken in Punjab, Kerala and Andhra Pradesh to reduce poverty.

OR

Illustrate the seriousness of poverty in India?

SECTION C- LONG ANSWER QUESTIONS

29. Explain why Nazi propaganda was effective in creating a hatred against the Jews in Germany.

OR

Why did the Treaty of Versailles become unpopular among the Germans?

30. Read the extract and answer the questions that follows:

Democracy is not a magical solution for all the problems. It has not ended poverty in our country and in other parts of the world. Democracy as a form of government only ensures that people take their own decisions. This does not guarantee that their decisions will be good. People can make mistakes. Involving the people in these decisions does lead to delays in decision making. It is also true that democracy leads to frequent changes in leadership. Sometimes this can set back big decisions and affect the government's efficiency. These arguments show that democracy of the kind we see may not be the ideal form of government. But that is not a question we face in real life. The real question we face is different: is democracy better than other forms of government that are there for us to choose from?

- | | |
|--|----------|
| 30.1. Define 'Democracy'. | 1 |
| 30.2. Discuss two de-merits of democracy. | 2 |
| 30.3. Give two arguments for democracy. | 2 |

31.What powers are exercised by the Election Commission of India?

32.What are the advantages of having a healthy population?

33.What steps have been taken by the government to protect the flora and fauna of the country?

OR

What are the main characteristics of the Thorn Forests and Scrubs?

34.Write a short note on following:

- a. National food for work programme
- b. Antyodaya Anna Yojana

OR

Answer the following questions:

- a. What is minimum support price? Why it is introduced?
- b. Explain three dimensions of food security.

(2+3=5)

MAP SKILL BASED QUESTIONS

35.(A) Two cities A and B related to the peasant revolt are marked on the outline map of France. Identify these cities and write their correct names on the lines marked on the map.



(B) On an outline map of India, locate and label **any four** of the following with suitable symbols:

- a. Kanha National Park
- b. Anaimudi Peak
- c. Shillong
- d. The state having the lowest sex ratio
- e. The Aravali mountain range
- f. The Coro Mandal coast

ANNUAL SAMPLE PAPER

CLASS – IX

SCIENCE

Time allowed: 3 hours

M.M: 80

General Instructions:

- (i) All questions are compulsory.
- (ii) There is no choice in any of the questions.
- (iii) Question numbers 1 to 2 are one mark questions. These are to be answered in one word or one sentence.
- (iv) Question numbers 3 to 5 are two marks questions. These are to be answered in about 30 words each.
- (v) Question numbers 6 to 15 are three marks questions. These are to be answered in about 50 words each.
- (vi) Question numbers 16 to 21 are five marks questions. These are to be answered in about 70 words each.
- (vii) Question numbers 22 to 27 are two marks questions based on practical skills. These are to be answered in brief.

1. Who coined the term cell and in which year?
2. What are tiny pores present on the surface of leaf called?
3. Why does a gas fill completely the vessel in which it is kept?
4. Why is a chemical method of controlling pests not considered good?
5. Explain why it is difficult for a fireman to hold a hose , which eject large amount of water at a high velocity.
6. Which separation techniques will you apply for the separation of the following?
 - (a) Sodium chloride from its solution in water.
 - (b) Ammonium chloride from a mixture containing sodium chloride and ammonium chloride.
 - (c) Small piece of metal in the engine oil of a car.
7. Calculate the formula unit mass of:
 - (a) ZnO
 - (b) Na₂O
 - (c) K₂CO₃
8. If the K and L shells of an atom are full, then what would be the number of electron in the atom?
9. What is meant by mixed farming? What are its advantages?
10. How many types of cells are found in xylem? Mention their main functions.
11. Write two characteristics features of Arthropoda. Also give to examples of this group.

12. Mention few harmful effects which are caused due to depletion of ozone layer.
13. A motor boat starting from rest on a lake accelerates in a straight line at a constant rate of 3.0m/s^2 for 8 sec. how far does the boat travel during this time?
14. What is the magnitude of gravitational force between the earth and a 1kg object on its surface?
15. Prove the formula $\text{K.E} = \frac{1}{2} mv^2$.
16. The average atomic mass of a sample of element X is 16.2 u. What are the percentages of isotopes $\frac{16}{8}\text{X}$ and $\frac{18}{8}\text{X}$ in the sample ?
17. Calculate the number of moles of the following:
 (a) 52g of He (b) 12.044×10^{23} atom of He
18. Give one key difference between the following:
- Cell wall and cell membrane
 - Nucleus and nucleolus
 - Plant cell and Animal cell
 - Eukaryotic and Prokaryotic cell
 - Chromatin and chromosome
19. Name two examples each for diseases caused by:
- Viruses
 - Bacteria
 - Fungi
 - Protozoans
 - Worm
20. (a) How does the sound produced by a vibrating object in a medium reach your ear?
- (b) The wavelength of waves produced on the surface of water is 20 cm. if the wave velocity is 24m/s, calculate:
- The no of wave produced in one second.
 - The time required to produce one wave.
21. (a) A farmer moves along a boundary of a square field of side 10 m in 40 sec. what will be the magnitude of displacement of the farmer at the end of 2min 2 sec?
- (b) A wooden block floats in glycerine in such a way that its $\frac{2}{5}$ th volume remains above surface. If relative density of wood is 0.78, calculate the relative density of glycerine.

22. A housewife got a cut on their finger while working in the kitchen. She tried to stop the bleeding by applying dettol on it but it was not effective. By chance, her friend was also there. She asked her to rub alum on the cut which she did. The bleeding immediately stopped.
- (a) Why was not dettol effective in stopping bleeding ?
 - (b) Why was alum effective ?
23. Ashutosh was getting late for the office. He tried to sip boiling hot coffee from a cup. He felt very uncomfortable. His wife immediately brought a plate and asked him to sip the coffee from the plate. Ashutosh followed her advice and did not face any problem.
- (a) Why was Ashutosh feeling uncomfortable?
 - (b) How did sipping coffee from a plate was more comfortable?
24. What are the characteristics of reptiles?
25. Write two key point differences between monocot plant and dicot plant.
26. While performing the experiment , for determining the velocity of a pulse through a stretched string , a student had to choose between a:
- (a) Thick silk string and a thick cotton string.
 - (b) Stop clock and a table clock.
27. A block of mass 2kg is placed on a smooth surface and pulley by a spring balance, when the block is just about to move , what will be the reading of spring balance? Explain.

Sample Paper Annual Exam

Mathematics

Class IX

Time 3 hours

M.M: 80

General Instructions:

- Section A consists of 6 questions of 1 mark each.
- Section B consists of 6 questions of 2 marks each.
- Section C consists of 10 questions of 3 marks each.
- Section D consists of 8 questions of 4 marks each.

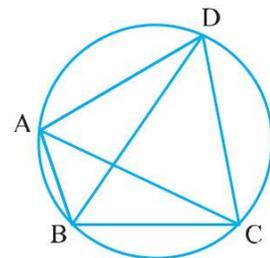
Section A

1. The statement “Decimal expression of a rational number can be non terminating and non-recurring.” Is it true or false?
2. If the sides of a triangle are in the ration 12:14:25 and its perimeter is 255 m, then find the greatest side of the triangle.
3. Does Euclid’s fifth postulate imply the existence of parallal lines? Explain.
4. Plot the points (2, 2), (4,-2) and (-2,-2) and check whether they are collinear or not.
5. For what value of (BC+AC), the construction of a ΔABC is possible, if $AB=6$ cm and $\angle A=45^\circ$?
6. The frequency distribution has been represented graphically as follows

Marks	0-20	20-40	40-60	60-100
No. Of students	10	15	20	25

Section B

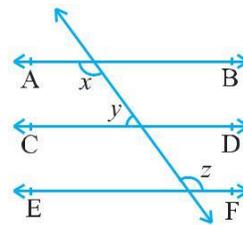
7. The diameters of two right circular cones are equal. If their slant heights are in the ratio 3:2, then what is the ratio of their curved surface areas?
8. In fig, ABCD is a cyclic quadrilateral in which AC and BD are its diagonals. If $\angle DDB C = 55^\circ$. And $\angle BAC = 45^\circ$, find $\angle BCD$.



9. In a cricket match, a batsman hits the boundary 5 times out of 40 balls played by him. Find the probability that the boundary is not hit by that batsman. Also, determine the probability of hitting the sixes.
10. If a point C lies between two points A and B such that $AC=BC$, then prove that $AC=\frac{1}{2}AB$. Explain by drawing figure. Ch-5
11. If $(x-a)$ is a factor of $x^8-ax^7+x^6-ax^5+x^4-ax^3+3x-a+2=0$, then find the value of a.
12. Find the volume and surface area of a sphere of radius 28 m.

Section C

13. In a quadrilateral ABCD, there is a point O inside it such that $OB=OD$. Also, $AB=AD$ and $BC=DC$. Prove that O lies on AC.
14. Prove that the quadrilateral formed by the internal angle bisectors of any quadrilateral is cyclic. Ch-10s
15. In the given figure, if $AB \parallel CD, CD \parallel EF$ and $y:z=3:7$, find x.



16. The side AB of a parallelogram ABCD is produced to any point P. A line through A and parallel to CP meets CB produced at Q and then parallelogram PBQR is completed. Show that
 $\text{ar (parallelogram ABCD)} = \text{ar (parallelogram PBQR)}$.
17. Find three irrational number between $\frac{5}{7}$ and $\frac{9}{11}$.
18. Write the coordinates of the vertices of a rectangle, whose length and breadth are 6 units and 3 units respectively, one vertex at the origin, the longer side lies in the Y-axis and one of the vertices lies in the II quadrant. Also, find the area of the rectangle.
19. Prove The mean monthly salary of 10 members of a group is 1445 Rs. One more member whose monthly salary is 1500 rs. has joined the group. Find the mean monthly salary of 11 members of the group..
20. A student wrote the equation of the lines a and b drawn in the following graph as $y=1$ and $2x+3y=6$, respectively. Is he right? If yes, then write the coordinates of point of intersection of lines a and b. Also find the area enclosed between these lines and Y-axis.
21. Line l is the bisector of $\angle A$ and B is any point on l. BP and BQ are perpendiculars from B to the arms of $\angle A$. Show that (i) $\triangle APB \cong \triangle AQB$
 (ii) $BP=BQ$ or B is equidistant from the arms of $\angle A$.
22. AB and CD are respectively, the smallest and the longest sides of a quadrilateral ABCD. Show that $\angle A > \angle C$ and $\angle B > \angle D$.

Section D

23. Mukesh asked the teacher whether the two lines which are perpendicular to the same line, are perpendicular to each other or not. His teacher replied that yes, they will be perpendicular to each other giving the reason that two lines parallel to the same line are parallel to each other. His classmate Seema told him that he is wrong and explain him the correct statement. Mukesh thanked Seema for this.

- I. Write the solution given by Seema
- II. Identify the value depicted from this action.

24. The parking charge of a car in a parking lot is 30 Rs. for the first two hours and 10 Rs. per hour for subsequent hours. Taking total parking time to be x hours and total charges as y Rs. write a linear equation in two variable to express the above statement. Draw a graph for the linear equation and read the charges for five hours.

25. The following observed values of x and y is thought to satisfy a linear equation. Write the linear equation.

X	6	-6
Y	-2	6

Draw the graph, using the value of x and y as given in the above table. At what points, the graph of the linear equation

- (i) Cuts the x -axis
- (ii) Cuts the Y -axis

26. Find the missing frequencies in the following frequency distribution. If it is known that mean of the distribution is 1.46.

Number of accidents(x)	0	1	2	3	4	5	Total
Frequency(f)	46	?	?	25	10	5	200

27. The external and internal diameters of a hollow hemispherical vessel are 25 cm and 24 cm, respectively. The cost of painting 1 cm^2 of the surface is 0.05 Rs. Find the total cost to paint the vessel all over.

28. A kite in the shape of a square with each diagonal 36 cm and having a tail in the shape of an isosceles triangle of base 10 cm and equal side 6 cm, is made of three different shades as shown in the figure. How much paper of each shade has been used in it? (Given : $\sqrt{11} = 3.31$).

29. There are two friend Swati and Sapna who live in a village. Their common friend Monika fell ill. She was admitted in a hospital. Swati and

Sapna decided to help Monika. Swati contributed as much money as the fifth root of the cube of amount contributed by Sapna. If the product of amount distributed by two friends is 390625 Rs. then find contribution of each friend.

30. Factorise : $x^3 - 3x^2 - 9x - 5$.

SAMPLE PAPER
ANNUAL EXAMINATION
INFORMATION TECHNOLOGY (402)
Class - IX

Time: 3 hours

Max.Marks: 50

Multiple choice questions:

(1 X 10=10)

1. Which of the following operations is not performed by a mouse?
 - a. Left click
 - b. Right click
 - c. Middle click
 - d. Double click
2. Identify the object in the sentence, " The children played football"
 - a. The children
 - b. Children played
 - c. Football
 - d. Played
3. Which of the following is quality of a self-confident person?
 - a. Patient
 - b. Committed
 - c. Compassionate
 - d. Passionate
4. Which of the following are names of ports in a computer? Choose all the correct options.
 - a. HDMI
 - b. Input
 - c. VGA
 - d. VSB
5. In "To:" section _____ is typed for sending a message through email.
6. The numeric keypad has _____ columns and _____ rows.
7. The _____ option is used to see how the document will look like when it will be printed.
8. The spreadsheet feature used to continue the series is called as _____.
9. Which of the following options when selected deletes all data validation?
 - a. Delete formatting
 - b. Delete all
 - c. Delete formula
 - d. Delete me
10. Which of the following feature is used to progress the slide show automatically while speaking on the topic?
 - a. Custom animation
 - b. Rehearse Timing
 - c. Slide Transition
 - d. Either (a) or (b)

Very Short Answer Questions:

(5 X 2=10)

1. What is the purpose of soil conservation?
2. Write different sources of pollution.
3. List any two characteristics of entrepreneurship.
4. How will you count the total words of a document?
5. Give the syntax and example of any three date and time functions in spreadsheet.

Short Answer Questions:

(5 X 3=10)

1. What are the key differences between product and service based businesses?
2. Describe the functions of at least 5 types of keys.
3. Write any three differences between a Smartphone and a tablet.
4. What are the various methods for selecting the text in a document? Give the steps to select a paragraph?
5. Describe the use of fields available in header and footer in a presentation.

Long Answer Questions:

(5 X 3=10)

1. Explain the steps to add picture or object to the slide?
2. Name and explain any five components of a chart in a spreadsheet package.
3. Explain the various menu of writer GUI?
4. Describe the finger allocation of keys of the bottom row of computer keyboard.

आदर्श प्रश्न पत्र

वार्षिक परीक्षा

कक्षा नौवीं

विषय हिंदी

समय— 3 घंटे
सामान्य निर्देश —

अंक— 80

1. इस प्रश्न-पत्र के तीन खण्ड हैं— क , ख, ग और घ।
2. सभी प्रश्नों के उत्तर देना अनिवार्य है।
3. शब्द सीमा को ध्यान में रखते हुए उत्तर दीजिए।
4. लेख एवं वर्तनी पर विशेष ध्यान दीजिए।
5. सभी प्रश्नों के उत्तर क्रमानुसार ही लिखिए।

प्रश्न 1 निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए । 10

पश्चिमी दृष्टिकोण वाले लोग सह-शिक्षा के प्रबल समर्थक हैं। पश्चिमी शिक्षाशास्त्रियों का कहना है, "ठीक है, हम मानते हैं कि छात्र-छात्राओं में यौन आकर्षण होता है, किन्तु वह कोई बुरी बात नहीं। वह तो एक महान शक्ति है, जिसका सदुपयोग कर छात्र-छात्राओं में स्पर्धा उत्पन्न करके शिक्षा के श्रेष्ठतर परिणाम प्राप्त किए जा सकते हैं। विशेषकर इसलिए कि विद्यार्थी जीवन में स्पर्धा भावना उग्र होती है। इसी का उपयोग करके हम परीक्षा प्रतियोगिता, भाषा-प्रतियोगिता, खेलकूद-प्रतियोगिता का आयोजन करते हैं। निस्संदेह प्रतियोगिता के जोश में विद्यार्थी जितनी शानदार सफलताएँ प्राप्त करते हैं, साधारण स्थिति में उससे बहुत कम ही प्राप्त करते हैं। कई बार लड़के-लड़कियों के लिए तथा लड़कियाँ-लड़कों के लिए अधिक सहायक व लाभकारी सिद्ध होती हैं। इस दृष्टि से भी सहशिक्षा लाभकारी है। लड़के और लड़कियों के हृदय में कभी कभी नकारात्मक भावनाएँ भी होती हैं, जो स्वस्थ समाज के लिए हानिकारक हो सकती हैं। सहशिक्षा से इससे बचा जा सकता है।"

- (क) सहशिक्षा का समर्थन कौन करते हैं?
- (ख) शिक्षा के बेहतर परिणाम कैसे प्राप्त किये जा सकते हैं?
- (ग) विद्यार्थी सफलताएँ कब प्राप्त करते हैं?
- (घ) स्वस्थ समाज के लिए हानिकारक क्या हो सकता है?
- (ङ) 'सहशिक्षा' का क्या अर्थ है?

खंड (क)

प्रश्न 2 निर्देशानुसार उत्तर दीजिए ।

16

क) वर्ण विच्छेद कीजिए -क्षुब्ध ,भाषण

(ख) निम्नलिखित शब्दों में से अनुस्वार के उचित प्रयोग वाले शब्द छाँटकर लिखिए- 1

- (i) चंचल
- (ii) वीरांगना
- (iii) कहा
- (iv) पडितं

(ग) निम्नलिखित शब्दों में उचित स्थान पर लगे अनुनासिक चिहनों के प्रयोग वाले शब्द छाँटिए-

- (i) वस्तुएँ
- (ii) आँख
- (iii) गगाँ
- (iv) दिनाको

(घ) निम्न शब्दों में उचित स्थान पर लगे नुक्तों के प्रयोग वाले शब्द लिखिए-

- (i) शराफ़त
- (ii) चीज़ें
- (iii) काफ़िला
- (iv) चीज़ें

4. (क) निम्नलिखित शब्दों में से उपसर्ग व मूलशब्द को अलग-अलग कीजिए-

- (i) अनाधिकार
- (ii) प्रत्यक्ष

(ख) निम्नलिखित शब्दों में प्रयुक्त प्रत्यय व मूलशब्द को अलग-अलग कीजिए-

- (i) खटास
- (ii) पंजाबी

5. (क) निम्नलिखित शब्दों का संधि-विच्छेद कीजिए-

- (i) सचिवालय
- (ii) महाशय

(ख) निम्नलिखित शब्दों में संधि कीजिए

- (i) वयः + वृद्ध
- (ii) वधू + ऊर्मि।

(ग) निम्नलिखित वाक्यों में उचित विराम चिह्न लगाकर लिखिए-

- (i) देखा मैंने हाथ पाँव मारे तो डूबने से बच गया
- (ii) भई वाह इस बार तो तुम बी एस सी में प्रथम आ गए
- (iii) क्या पियोगे चाय या ठंडा शरबत

(खंड ग)

प्रश्न 3 निम्नलिखित प्रश्नों के उत्तर लिखिए।

2+2+2=6

- (क) गाँधी जी से 'यंग इण्डिया' के सम्पादक बनने की प्रार्थना क्यों की गयी थी?
- (ख) कीचड़ की सुन्दरता का वर्णन कीजिए।

ग) बुढ़िया ने अपने पुत्र को बचाने के लिए क्या क्या किया ?

प्रश्न 4 निम्नलिखित में से किसी एक प्रश्न का उत्तर दीजिए।

5

पाठ धर्म की आड़ का उद्देश्य स्पष्ट कीजिए।

अथवा

बछेंद्री पाल के चरित्र की विशेषताएँ लिखिए।

प्रश्न 5 3 निम्नलिखित प्रश्नों के उत्तर लिखिए।

2=2=2=6

क) वर्तमान में अछूतों के साथ कैसा व्यवहार किया जाता है ?

ख) पंक पंक जल की क्या विशेषता बताई गई है ?

ग) नए बास्ते इलाके में कवि रास्ता क्यों भूल जाता है ?

प्रश्न 6 निम्नलिखित प्रश्नों में से किसी एक प्रश्न का उत्तर दीजिए।

5

अग्नि पथ कविता का मूल भाव क्या है ?

अथवा

खुशबू रचते हैं हाथ कविता के माध्यम से कवि ने समाज के किस वर्ग की व्यथा का वर्णन किया है ?

प्रश्न 7 किन्हीं दो प्रश्नों के उत्तर दीजिए।

3+3

क) हामिद खां ने लेखक को कैसे वापस क्यों दिए ?

ख) लेखक ने कुँ से चिट्ठियाँ निकालने का निर्णय क्यों लिया ?

ग) सरदार पटेल की गिरफ्तारी का गांधी जी पर क्या प्रभाव पड़ा ?

प्रश्न 8 दिए गए बिंदुओं के आधार पर किसी एक विषय पर 100 से 120 शब्दों में अनुच्छेद लिखिए ।

6

(क) प्रातःकालीन भ्रमण

- (i) सैर करना शारीरिक व मानसिक रूप से स्वास्थ्यवर्धक
- (ii) पेड़-पौधों द्वारा शुद्ध वायु प्राप्त (ऑक्सीजन) प्राप्त होना
- (iii) भ्रमण द्वारा कई बीमारियाँ दूर होना
- (iv) प्रकृति की सुंदरता को महसूस करना

(ख) परीक्षा के कठिन दिन

- (i) परीक्षा-सुन्दर भी, कठिन भी
- (ii) परीक्षार्थी के योग्यता स्तर की जाँच करने वाला प्रत्यक्ष प्रमाण
- (iii) समय का सदुपयोग करना
- (iv) लक्ष्य की प्राप्ति

(ग) मेट्रो रेल-महानगरीय जीवन का सुखद सपना

- (i) यातायात व्यवस्था में क्रांति
- (ii) मेट्रो रेल का विस्तार
- (iii) भारत का विश्वस्तरीय पब्लिक सिस्टम

प्रश्न 9 अपनी बुआ के स्वास्थ्य के बारे में जानकारी लेने हेतु पत्र लिखिए ।

5

अथवा

परीक्षा में अच्छे अंक लाने पर मित्र को बधाई पत्र लिखिए ।

प्रश्न 10 मकान मालिक एवं किरायेदार के बीच 50 से 60 शब्दों में संवाद लिखिए ।

5

अथवा

दो यात्रियों के बीच 50 से 60 शब्दों में संवाद लिखिए ।

प्रश्न 11 गणतंत्र दिवस की शुभकामना देने हेतु 40 से 50 शब्दों में विज्ञापन लिखिए ।

5

अथवा

अपनी पसंदीदा हिंदी पत्रिका हेतु 40 से 50 शब्दों में विज्ञापन लिखिए ।

प्रश्न 12 निम्नलिखित चित्र का वर्णन 40 से 50 शब्दों में कीजिए ।

5

