DARSHAN ACADEMY

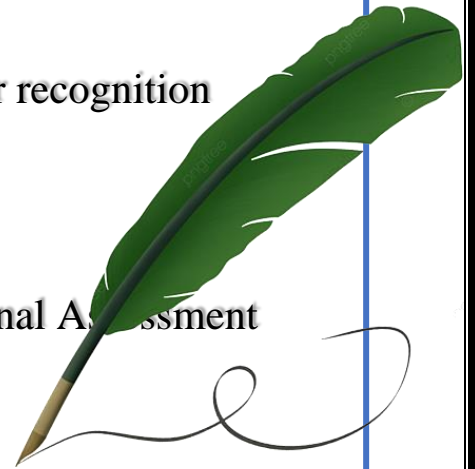**BE GOOD DO GOOD BE ONE**

SUMMER ASSIGNMENT 2023-24 CLASS: X

Dear Student Innovators

"We need to turn the recovery into a real opportunity to do things right for the future."

So here are some guidelines for the Summer Assignments. Follow them sincerely and let creativity flow in air:

- ✓ All Summer Assignments should be done in subject notebooks / A-4 sheets /project files, as per the instructions given by Subject Teacher.

- ✓ Do it in a neat and presentable manner.

- ✓ Original work of students will receive greater recognition and appreciation.

- ✓ These assignments carry extra marks in Internal Assessment (Subject Enrichment).

- ✓ Read and revise all the subjects covered till date.

- ✓ Hence, submission of work is compulsory for all students.

ENGLISH

COMPETENCY BASED QUESTIONS

Q1.	Lencho waited eagerly for a reply to his letter to God. Do you think the postmaster was also very keen to know Lencho's reaction upon receiving the 'reply'?
Q2.	Lencho did not bother exploring any other means to resolve his situation but just turned to God. Do you feel that his approach was justified? Why/Why not?
Q3	Briefly state the promise that Mandela made at the beginning of Oath taking speech.
Q4.	Mandela believed that the oppressor must be liberated just as surely as the oppressed. Justify.
Q5.	The poem 'Dust of Snow' evokes a sense of black and white. Justify.
Q6.	'Fire and Ice' project a pessimistic outlook. Comment.
Q7.	Was Tricky suffering from any ailment in reality? If not, then what made him inactive and lethargic?

UNDERSTANDING BASED

Q1.	Where was Lencho's house situated? Why did he sit seeing the sky?
Q2.	What did freedom mean to Mandela in childhood?
Q3.	What is the significance of the symbols used in the poem 'Fire and Ice' by Robert Frost?
Q4.	What do you understand by 'apartheid'?
Q5.	The 'Dust of Snow' changed the poet's mood. How?

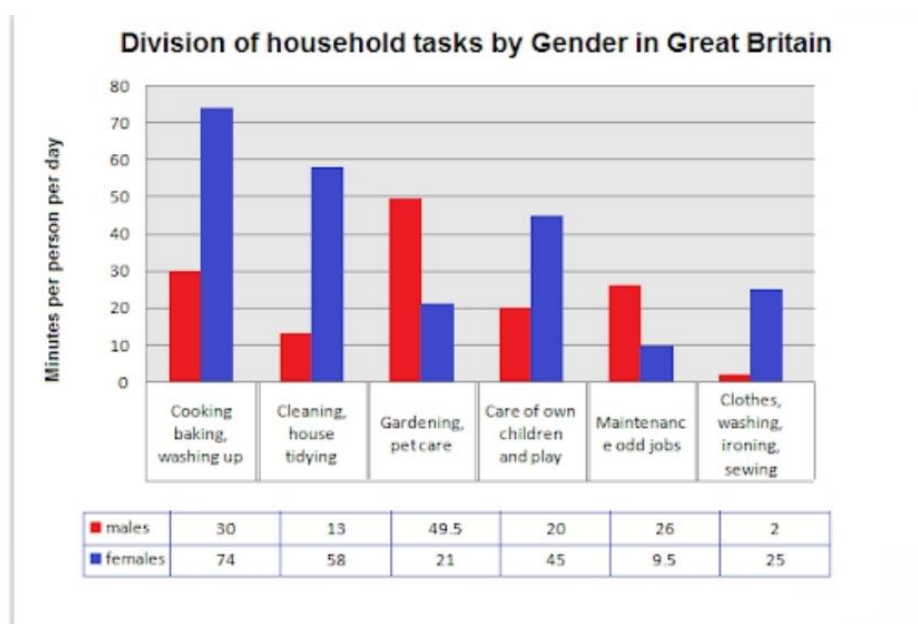## APPLICATION / EXTRAPOLATION-BASED QUESTION

Q1.	Read the following quote by Mahatma Gandhi. "It is health that is real wealth not, pieces of gold and silver." Justify the quote given above in light of Tricki's sickness and his recovery to be fit.
Q2.	Based on your understanding of the story and the characters, develop a conversation between the postmaster and the post office employees after reading Lencho's letter to 'God'.
Q3.	Create a tagline/ slogan/catchy phrase for the following chapters: ▪ A letter to God

	- Nelson Mandela: Long Walk for Freedom - Dust of snow - Fire and Ice - The triumph of surgery

WRITING SKILLS

Q1.	You are Manish Kumar, president of the NGO JYOTI. Write a letter to the editor of a national daily highlighting the issue of your neighbourhood being dirty for a long time and even after complaining to the Municipality, they didn't take any action. (100- 120words)
Q2.	The chart shows the division of household tasks by gender in Great Britain. Write an analytical paragraph describing the chart given in not more than 100-120 words. Division of household tasks by Gender in Great Britain Minutes per person per day <table><tr><td></td><td>Cooking baking, washing up</td><td>Cleaning, house tidying</td><td>Gardening, pet care</td><td>Care of own children and play</td><td>Maintenance odd jobs</td><td>Clothes, washing, ironing, sewing</td></tr><tr><td>■ males</td><td>30</td><td>13</td><td>49.5</td><td>20</td><td>26</td><td>2</td></tr><tr><td>■ females</td><td>74</td><td>58</td><td>21</td><td>45</td><td>9.5</td><td>25</td></tr></table>

ASSESSMENT OF LISTENING AND SPEAKING (ASL)

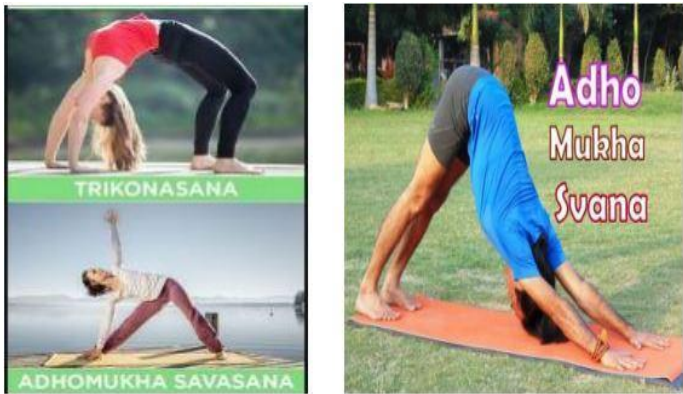| Q	Prepare yourself on any two topics of your choice for ASL.

ART INTEGRATED PROJECT

Q1.	Paint the poem 'Dust of Snow by using Thumb Impressions. (Thumb painting)
Q2.	Make some bookmarks (Minimum two). Decorate them beautifully with quotes of Nelson Mandela

MATHEMATICS

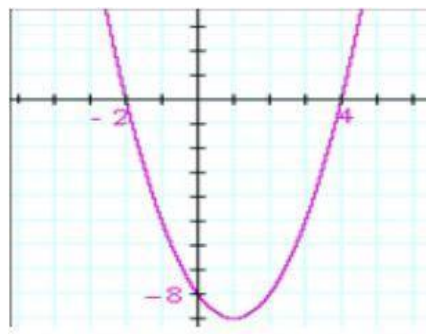|	
Q.1	Find the zeroes of the following quadratic polynomials and verify the relationship between the zeroes and the coefficients. (i) $2x^2 + 7/2x + 3/4$ (ii) $5t^2 + 12t + 7$
Q.2	Find a quadratic polynomial each with given numbers as the sum and product of its zeroes respectively. (i) $\sqrt{2}$, -3/2 (ii) -4/3 , 0
Q.4	Find the HCF and LCM of 96 and 404 by prime factorization method.
Q.5	The LCM of two numbers is 2079 and their HCF is 27, if one of the numbers is 189. Find the other.
Q.6	The age of the two friends Ram and Biju differ by 3 years Ram's father Dharam is twice as old as Ram and Biju is twice as old as his sister Cathy. The ages of Cathy and Dharam differ by 30 years. Find the ages of Ram and Biju.
Q.7	Find the value of k for which the quadratic equation $(3k+1)x^2 + 2(k+1)x + 1 = 0$ has equal roots. Also, find these roots.
Q.8	Check whether 6^n can end with the digit zero for any natural number n.
Q.9	Prove that $\sqrt{5}$ is an irrational number.
Q.10	Prove that $\sqrt{3} + \sqrt{5}$ is an irrational number.
Q11	On a morning walk, three persons step together and their steps measure 40 cm, 42cm and 45 cm, respectively. What is the minimum distance each should walk so that each can cover the same distance in complete steps?
Q.12	If α and β are the zeroes of the polynomial $3x^2 - 8x + 4$. Find the values of : (i) $\alpha^2 + \beta^2$ (ii) $1/\alpha + 1/\beta$
Q.13	For which value of K will be the following pair of linear equations have no solution $3x + y = 9$, $(2k-1)x + (k-1)y = 2k+1$
Q.14	Draw the graph of $2x + y = 6$ and $2x - y = -2$. Shade the region bounded by these lines and x–axis. Find the area of the shaded region.
Q.15	Three consecutive multiples of 3(all natural numbers) have a sum of their squares equal to 261. Find the numbers.

Q.16	Three consecutive multiples of 3(all natural numbers) have a sum of their squares equal to 261. Find the numbers.
Q.17	The numerator of a fraction is 4 less than the denominator. If the numerator is decreased by 2 and the denominator is increased by 1, then the denominator is eight times the numerator. Find the fraction.
Q.18	From a well-shuffled pack of cards, a card is drawn at random. Find the probability of getting a black queen.
Q.19	A box contains 5 red marbles, 8 white marbles and 4 green. One marble is taken out of the box at random. What is the probability that the marble taken out will be: (i) red (ii) white (iii) not green
Q.20	If α and β are the zeroes of the polynomial $kx^2 +4x +4$ and $α^2 +β^2 =24$. Find the value of k.
Q21	If the product of zeroes of the polynomial ax^2-6x-6 is 4, find the values of a.
Q22	5 years ago, a man was thrice as old as his son and ten years later he will be twice as old as his son. Find the present ages of the man and his son.
Q.23	The sum of two-digit numbers and the number formed by interchanging the digits is 110. If 10 is subtracted from the first number, the new number is 4 more than 5 times the sum of the digits in the first number. Find the first number.
Q24	The age of the father is twice the sum of the ages of his two children. After two years, his age will be equal to the sum of the ages of his children. Find the age of the father.
Q.25	A and B together have 45 marbles. Both lost 5 marbles each, and the product of the marbles they now have is 124. Find the number of marbles each had originally.
Q.26	Harpreet tosses two coins. What is the probability that she gets at least one head?
Q.27	**Case study** 1 Asana is a body posture, originally and still a general term for a sitting meditation poses, and later extended in hatha yoga and modern yoga as exercise, to any type of pose or position, adding reclining, standing, inverted, twisting, and balancing poses. In the figure, one can observe that poses can be related to the representation of quadratic polynomials.

1. The shape of the poses shown is
a) Spiral, b) Ellipse, c) Linear, d) Parabola

2. The graph of the parabola opens downwards, if _____
a) $a \geq 0$ b) $a = 0$

c) $a < 0$ d) $a > 0$

3. In the graph, how many zeroes are there for the polynomial?

a) 0   b) 1

c) 2   d) 3

4. The two zeroes in the above-shown graph are
a) 2, 4   b) -2, 4

c) -8, 4   d) 2, -8

| Q.28 | Case study-2 |

India is a competitive manufacturing location due to the low cost of manpower and strong technical and engineering capabilities contributing to higher quality production runs. The production of TV sets in a factory increases uniformly by a fixed number every year. It produced 16000 sets in the 6th year and 22600 in the 9th year.

Based on the above information, answer the following questions:
1. Find the production during the first year.

2. Find the production during the 8th year.

3. Find the production during the first 3 years.

4. In which year, the production is Rs 29,200.

5. Find the difference in the production during the 7th year and 4th year.

ART INTEGRATED PROJECT
1 Draw a Wali Art on A 4 sheet by using triangles, circles and lines.
2. Draw a Mandola Art on an A4 sheet by using a geometrical shape.

DARSHAN ACADEMY
SUMMER HOLIDAY HOMEWORK (2023-24)
CLASS X

- **FOR STUDENTS-**
  *Please maintain the quality of work done.
  • Holiday homework will be assessed on parameters --Neatness and presentation, marks/grades will be awarded accordingly.
  • Read NCERT chapters thoroughly and make optimum use of the practice manual.
  • Highlight areas of doubt and clarify with the teachers after vacation.
  • Minimise the use of gadgets
  *Learn the Reactivity series

CHEMISTRY

MULTIPLE CHOICE QUESTIONS:

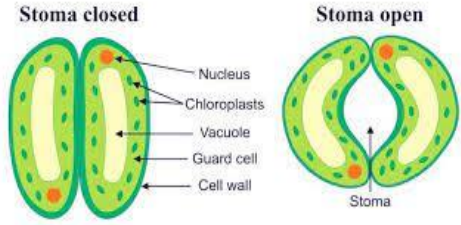|	
Q1	**LOTS:** Oxidation is a process which involves (a) addition of oxygen (b) addition of hydrogen (c) removal of oxygen (d) removal of hydrogen
Q2	Nettle sting is a natural source of which acid? (a) Meti Wanoic acid (b) Lactic acid (c) Citric acid (d) Tartaric acid
Q3	An aqueous solution 'A' turns the phenolphthalein solution pink. On the addition of an aqueous solution 'B' to 'A' the pink colour disappears. The following statement is true for solutions 'A' and 'B': (a) A is strongly basic and B is a weak base. (b) A is strongly acidic and B is a weak acid. (c) A has pH greater than 7 and B has pH less than 7. (d) A has pH less than 7 and B has pH greater than 7
Q4	In terms of acidic strength, which one of the following is in the correct increasing order? (a) Water < Acetic acid < Hydrochloric acid (b) Water < Hydrochloric acid < Acetic acid (c) Acetic acid < Water < Hydrochloric acid (d) Hydrochloric acid < Water < Acetic acid
Q5	$Na_2CO_3.10H_2O$ is: (a) washing soda (b) baking soda

	(c) bleaching powder (d) tartaric acid
Q6	ASSERTION-BASED QUESTIONS: Direction: In the questions given below, there are two statements marked as Assertion(A) and Reason(R). Read the statements and choose the correct option. (a) Both A and R are true, and R is the correct explanation of A. (b) Both A and R are true, but R is not the correct explanation of A. (c) A is true but R is false. (d) A is false but R is true (i) Assertion(A): The number of atoms of each element remains the same, before and after a chemical reaction. Reason(R): Any chemical equation can be unbalanced because the mass may not be the same on both sides of the equation. (ii) Assertion(A): Brown fumes are obtained from the thermal decomposition of Lead Nitrate. Reason(R): Nitrogen dioxide gas is released which is brown in colour. (iii) Assertion(A): Silver Bromide is used in black and white photography. Reason(R): Silver Bromide decomposes in the presence of sunlight.
Q7	**HOTS** What is observed when carbon dioxide gas is passed through lime water: for a short duration? Also, write the chemical equations for the reactions involved
Q8	(a) It has been found that the marble of the Taj are getting corroded due to the development of industrial areas around it. Explain this fact by giving a chemical equation. (b) Taj Mahal, one of the seven wonders of the world situated at Agra, is continuously losing its lustre day by day due to rapid industrialisation which causes acid rain.
Q9	A compound P forms the enamel of teeth. It is the hardest substance in the body. It doesn't dissolve in water but gets corroded when the pH is lowered below 5.5. (a) Identify the compound P. (b) How does it undergo damage due to eating chocolate and sweets? What should we do to prevent tooth decay? (ii) Balance the following chemical equations: (a) $HNO_3 + Ca(OH)_2 \rightarrow Ca(NO_3)_2 + H_2O$ (b) $NaOH + H_2SO_4 \rightarrow Na_2SO_4 + H_2O$ (c) $NaCl + AgNO_3 \rightarrow AgCl + NaNO_3$ (d) $BaCl_2 + H_2SO_4 \rightarrow BaSO_4 + HCl$

PHYSICS

Q1	PROJECT: Make a Model to show how an electric motor converts electrical energy into mechanical energy. The refractive index of carbon disulphide is 1.63.' What is the meaning of this statement in relation to the speed of light?
Q2	A doctor has prescribed a corrective lens of power +1.5 D. Find the focal length of the lens. Is the prescribed lens diverging or converging?

Q3	'The refractive index of carbon disulphide is 1.63.' What is the meaning of this statement in relation to the speed of light?
Q4	(a) What is meant by 'power of a lens'? (b) State and define the S.I. unit of power of a lens. (c) A convex lens of focal length 25 cm and a concave lens of focal length 15 cm are placed in close contact with each other. Calculate the lens power of this combination.
Q5	Prove that if a ray of light enters a rectangular glass slab obliquely and emerges from the opposite face of the glass slab, the emergent ray will be parallel to the incident ray.
Q6	One day Atul told Rohit to show magic he focused the rays of sunlight on the bare arm of Rohit. After a few seconds, Rohit felt pain and removed his arm away. Atul was laughing at Rohit. (a) Name the type of lens Atul had. (b) Why did Rohit feel pain? (c) What kind of mirrors are used in big shopping stores to watch the activities of customers?
Q7	(a)An object of size 7.0 cm is placed at 27 cm in front of a concave mirror of a focal length of 18 cm. At what distance from the mirror should a screen be placed, so that a sharp focused image can be obtained? Find the size and the nature of the image. (b) An object 50 cm tall is placed on the principal axis of a convex lens. Its 20 cm tall image is formed on the screen placed at a distance of 10 cm from the lens. Calculate the focal length of the lens.

Q8	Rahul along with his younger brother went to an amusement park. There, they entered a small hall with full mirrors. They looked very funny in large-size mirrors. In front of one of the mirrors. Their faces were normal, their bellies were fat, and their legs were short. Rahul's younger brother was frightened and tried to hit the mirror with his foot. However, Rahul stopped him to do so.
	    (a) Name the type of mirror in front of which Rahul and his brother were standing?
	    (b) What is the cause of the distortion of their images?
	    (c) Name the type of mirror used in a solar furnace. How is high temperature achieved by this device?

Q9	**ASSERTION BASED QUESTIONS** Q9 Direction In each of the following questions, a statement of Assertion is given by the corresponding statement of Reason. Of the statements, mark the correct answer as (a) If both Assertion and Reason are true and Reason is the correct explanation of Assertion. (b) If both Assertion and Reason are true, but Reason is not the correct explanation of Assertion. (c) If Assertion is true, but Reason is false. (d) If Assertion is false, but Reason is true. (e) If Assertion and Reason both are false. (i) Assertion: Convex mirror is preferred for rear-view mirrors in vehicles. Reason: The field view of a convex mirror is lesser than that of a concave mirror. (iI) Assertion: Lateral displacement is the distance between the incident ray and the emergent ray. Reason: The wider the glass slab, the larger the lateral displacement.
	BIOLOGY
Q1	.In which of the following groups of organisms are food materials broken down outside the body and absorbed? (a) Mushroom, green plants, amoeba (b) Yeast, mushroom, bread mould (c) Paramecium, amoeba, cuscuta (d) Cuscuta, lice, tapeworm

Q2	The contraction and expansion movement of the walls of the food pipe is called: (a) Translocation (b) Transpiration (c) Peristaltic movement (d) Digestion
Q3	What are the products obtained by anaerobic respiration in plants? (a) Lactic acid + energy (b) Carbon dioxide + water + energy (c) Ethanol + carbon dioxide + energy (d) Pyruvate
Q4	When a few drops of iodine solution are added to rice water, the solution turns blue-black in colour. This indicates that rice water contains: (a) Fats (b) Complex proteins (c) Starch (d) Simple proteins
Q5.	Which of the equations shows the correct conversion of CO2 and H2O into carbohydrates in plants? (a) $$6CO_2 + 6H_2O \xrightarrow[\text{Heat energy}]{\text{Chlorophyll}} C_6H_{12}O_6 + 6O_2 + 12H_2O$$ $$(Glucose)$$ (b) $$6CO_2 + 6H_2O \xrightarrow[\text{Sunlight}]{\text{Chlorophyll}} C_6H_{12}O_6 + 6O_2 + 12H_2O$$ $$(Glucose)$$ (c) $$6CO_2 + 12H_2O \xrightarrow[\text{Sunlight}]{\text{Chlorophyll}} C_6H_{12}O_6 + 6O_2 + 6H_2O$$ $$(Glucose)$$ (d) $$6CO_2 + 12H_2O \xrightarrow[\text{Heat energy}]{\text{Chlorophyll}} C_6H_{12} + 6O_2 + 6H_2O$$ $$(Glucose)$$
Q6	The characteristic processes observed in anaerobic respiration are: i) Presence of oxygen ii) Release of carbon dioxide iii) Release of energy iv) Release of lactic acid (a) i), ii) only (b) i), ii), iii) only (c) ii), iii), iv) only (d) iv) only
Q7	The opening and closing of the stomatal pore depend upon: (a) Oxygen (b) Temperature (c) Water in the guard cells (d) Concentration of CO2
Q8	ASSERTION AND REASON . Both A and R are true, and R is the correct explanation for A b) Both A and R are true and R is not the correct explanation for A c) A is true but R is false d) A is false but R is true

	1) ASSERTION (A): Energy is required to carry out different life processes. REASON(R): Energy is obtained in the form of ATP in the mitochondria. 2) ASSERTION (A): Aerobic respiration require less energy as compared to anaerobic respiration. REASON(R): Mitochondria is the powerhouse of the cell. 3) ASSERTION (A): Capillaries have walls that are just one cell thick. Reason (R): Exchange of material between the blood and surrounding cells takes place across the capillaries.
Q9	List the three kinds of blood vessels of human circulatory system and write their functions in tabular form.
Q10	(a) "The breathing cycle is rhythmic whereas the exchange of gases is a continuous process". Justify this statement. (b) What happens if conducting tubes of the circulatory system develop a leak? State in brief, how could this be avoided? (c) How opening and closing of stomata takes place
Q11	Draw a diagram of the front view of the human heart and label any six parts including at least two that are concerned with arterial blood supply to the heart muscles.
Q12	Describe in brief the function of kidneys, ureters, urinary bladder and urethra.

SOCIAL SCIENCE

HISTORY
TOPIC-THE RISE OF NATIONALISM IN EUROPE

MULTIPLE CHOICE QUESTIONS:

1	Who made the famous remark 'When France sneezes, the rest of Europe catches cold'? a) Metternich b) Mazzini c) Garibaldi d) Louis Philippe
2	The Treaty of Constantinople was signed in _____. a) 1835 b) 1735 c) 1834 d) 1833
3	Giuseppe Mazzini founded the secret underground society named 'Young Europe' in _____. a) Marseilles b) Berne c) Vienna d) Brussels
4	_____ believed that established, traditional institutions of state and society should be preserved. a) Conservatives b) Liberals c) Democrats d) None of the above
5	The Bourbon dynasty, which had been deposed during the French Revolution, was restored to power after signing the Treaty of _____. a) Vienna b) Constantinople c) Marseilles d) Prussia

MAP WORK

On the political Map of Europe, locate & name the following countries-
- ✓ Britain
- ✓ France
- ✓ Germany
- ✓ Italy
- ✓ Austria
- ✓ Poland

(POLITICAL SCIENCE)
TOPIC – POWER-SHARING

1) Belgium has borders with France, the Netherlands, _____ and Luxembourg.
 a) Sweden
b) Austria
c) Italy
d) Germany

2) _____ is a violent conflict between opposing groups within a country that becomes so intense that it appears like a war.
 a) Civil war
b) Proxy war
c) colonial war
d) None of the above

3) Which of the following statements is true?
a) A legitimate government is one where citizens, through participation, acquire a stake in the system.
b) Prudential reasons stress that power-sharing will bring out better outcomes; moral reasons emphasize the very act of power-sharing as valuable.
c) A democratic rule involves sharing power with those affected by its exercise and who have to live with its effects.
d) All of the above

4) In the island nation of Sri Lanka, the Sri Lankan Tamil population is concentrated in the _____ and _____ of the country.
a) South and West
b) South and East
c) North and Central
 d) North and East

5) Most of the Sinhala-speaking people of Sri Lanka are _____.
a) Christians
b) Hindus
c) Buddhists
d) Muslims

PROJECT WORK

Make a list of Schedule Languages of India (Political Science Text Book Page no.-22) and do the following:

➢ Make a bar or pie chart on the basis of this information.
➢ Prepare a map of the linguistic diversity of India by shading the region where each of these languages is spoken on the map of India.
➢ Find out about any three languages that are spoken in India but are not included in this list.

GEOGRAPHY

TOPIC: RESOURCES AND DEVELOPMENT

Q1	Read the text given below and answer the following questions:

In June 1992, more than 100 heads of states met in Rio-de-Janeiro in Brazil, for the first international Earth summit. The summit was convened to address urgent problems of environmental protection and socio-economic development at the global level. The assembled leaders signed the Declaration on

	Global Climatic Change and Biological Diversity. The Rio Convention endorsed the global Forest Principles and adopted Agenda 21 for achieving Sustainable Development in the 21st century.

Answer the following MCQs by choosing the most appropriate option:

	1. The so-called first international Earth summit was convened for: (a) addressing urgent problems of environmental protection. (b) addressing socio-economic development at the global level. (c) Both (a) and (b) (d) None of the above
	2 The passage is mainly related to: (a) Global climatic change (b) Rio-de-Janeiro Earth Summit 1992 (c) Sustainable development (d) Agenda 21
	3. Agenda 21 is the flowchart of action to be taken by the assembled nations to: (a) achieve environmental protection. (b) fulfil the needs of future generations. (c) combat the hurdles that debar sustainable development. (d) attain socio-economic development at the global level.
	4. The term used to achieve development without damaging the environment and without compromising the needs of future generations is: (a) socio-economic development (b) Agenda 21 (c) Global environmental development (d) Sustainable development
Q2	'Resource is a function of human activities' Justify the statement.
Q3	List the problems which resulted due to the indiscriminate use of resources by man.
Q4	Write a note on good practices towards conserving natural resources.
Q5	From your everyday experiences write a short proposal on how you can conserve water.
	Identify the types of soil marked on the above-mentioned map.

ECONOMICS
TOPIC – DEVELOPMENT

1	Why does Kerala have a low infant mortality rate?
2	How is the average income of a country calculated?
3	How Will We Calculate Body Mass Index?
4	In Tamil Nadu, 90 per cent of the people living in rural areas use a ration shop, whereas in West Bengal only 35 per cent of rural people do so. Where would people be better off and why?
5	Can you guess why around 1/5 of people in the country are undernourished even though it is argued that there is enough food in the country? Describe in your own words.
6	Calculate the Body Mass Index of your family members.

INFORMATION TECHNOLOGY (402)

Employability Skills

Objective Type Questions

1	Which of the following is NOT an element of communication within the communication process cycle? a. Channel b. Receiver c. Sender d. Time
2	Which of the following is an example of oral communication? a. Newspapers b. Letters c. Phone call d. e-mail
3	Which of these are examples of positive feedback? a. Excellent, your work has improved. b. I noticed your dedication towards the project. c. You are always doing it the right way. d. All of the above
4	Identify the measure to protect computers from threats and viruses: a. Sharing passwords with friends b. Allow anyone to use your device c. Use Antivirus d. Leave the computer without logging out
5	Here are the steps that take place when starting a computer. Rearrange the steps in the correct order. (i) Desktop appears after login (ii) Login screen appears (iii) Power on Self-Test (POST) starts (iv) Operating System starts (v) Welcome screen appears a. (i) -> (ii) -> (iii) -> (iv) -> (v) b. (ii) -> (iv) -> (iii) -> (v) -> (i) c. (iii) -> (iv) -> (v) -> (ii) -> (i) d. (iii) -> (v) -> (iv) -> (ii) -> (i)

Subjective Questions

6	What is the role of Feedback in communication process?
7	Explain 7C's of effective communication.
8	What is the significance of Recycle Bin? Explain

Digital Documentation

Objective type questions

1. _____ styles in a text document affect the selected text within a paragraph, such as the font and size of text, or bold and italic format.

   a. Cell
   b. Paragraph
   c. Formatting
   d. Character

2. Prisha is a book editor. She wants to change the indentation of all paragraphs and change the font of all titles in the book. Which feature she should use to make the task easy?
   a. Styles
   b. Templates
   c. Table of contents
   d. None of these

3. Removing unwanted area from an image is known as _____ of an image.
   a. Tiling
   b. Redrawing
   c. Cropping
   d. Deleting

4. In a document, _____ refers to the vertical or horizontal placement of a graphic in relation to the chosen anchor point.
   a. Arrangement
   b. Anchoring
   c. Alignment
   d. Text Wrapping

5. Identify the command used to create a table of contents on Open Office Writer.
   a. File -> New -> TOC
   b. File -> Create -> TOC
   c. Insert -> Table of Contents
   d. Insert -> Indexes and Tables -> Entry

Subjective Questions:

6. Explain the use of the Mail Merge feature available in word processors.

7. Name the different categories of styles in writing.

8. What is the utility of Fill Format mode?

9. What is the utility of Fill Format mode?

हिंदी ब

प्रश्न 1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए-

जो मनुष्य महान उद्देश्य को पूरा करते समय साहस नहीं धारण कर सका और जीवन की चुनौतियों का सामना नहीं कर सका, वह सुखी नहीं हो सकता ।ऐसे मनुष्य की आत्मा उसे धिक्कारती है। यदि हमारी आत्मा हमें कायर होने के लिए धिक्कारती है तो इससे मर जाना ही अच्छा है।

संकट झेलना ही जीवन का सार है। जो संकटों से बचाता है वह वास्तविक जीवन से कोसों दूर होता है। जीवन में संकटों का सामना करना एक पूँजी है।जो इस पूँजी को जिस मात्रा में लगाता है उसी मात्रा में वह उसका फल पाता है। जीवन को अनंत मानकर आगे बढ़ने वाला मनुष्य ही जीवन का रहस्य प्राप्त कर सकता है ।

जीवन का साधक थोड़े से सुखों से संतुष्ट नहीं होता, अपितु वह हिम्मत से सबसे ऊँची फुनगी का फल तोड़कर खाना चाहता है। सागर के अंदर गोता लगाकर तल से मोती पाना चाहता है। उसके लिए दुर्लभ कुछ भी नहीं है।वह जंगल में भी अपना मार्ग आप बना लेता है। सच तो यह है कि जो जीवन से डरते हैं जीवन से दूर रहते हैं और जो जीवन को मुट्ठी में लेकर चलते हैं,वे ही जीवन का सार प्राप्त करते हैं। साहस ,आत्मनिर्भरता और निर्भयता जीवन का सार है।

। कैसा मनुष्य सुखी नहीं हो सकता?

॥ जीवन का सार क्या बताया गया है और क्यों?

॥। आत्मा मनुष्य को कब धिक्कारी है?

IV जीवन का रहस्य कौन प्राप्त कर सकते है?

V) लेखक के अनुसार 'सच' क्या है? स्पष्ट कीजिए

प्रश्न 2. निम्नलिखित वाक्यों में रेखांकित पदबंध का भेद सही विकल्प चुनकर लिखिए :

∗क∗ <u>लाल बालों वाला सिपाही</u> चिल्लाने लगा।

1. संज्ञा पदबंध   2.क्रिया विशेषण पदबंध 3. क्रिया पदबंध 4.सर्वनाम पदबंध

∗ख∗वह गाड़ी <u>चली जा रही है।</u>

1. क्रिया विशेषण पदबंध   2. विशेषण पदबंध   3. क्रिया पदबंध 4. सर्वनाम पदबंध

∗ग∗<u>लकड़ी के सहारे चलते हुए वृद्ध</u> गिर पड़ा।

1. संज्ञा पदबंध   2. विशेषण पदबंध   3. क्रिया पदबंध 4. क्रिया विशेषण पदबंध

∗घ∗राहुल <u>ऊपर वाले कमरे में देर रात तक</u> पढ़ता रहता है।

1. क्रिया विशेषण पदबंध   2. क्रिया पदबंध 3. विशेषण पदबंध   4. संज्ञा पदबंध

∗ङ∗मुझे एक <u>सुंदर मज़बूत लाल</u> पेंसिल चाहिए।

1. क्रिया पदबंध   2. विशेषण पदबंध   3. संज्ञा पदबंध 4. क्रिया विशेषण पदबंध

∗च∗<u>उस पौधे के सभी सुंदर पुष्प</u> मुरझा गए।

1. संज्ञा पदबंध   2. विशेषण पदबंध   3. सर्वनाम पदबंध   4. क्रिया पदबंध

∗छ∗<u>आपके मित्रों में से कोई</u> तो आता।

1. संज्ञा पदबंध   2. सर्वनाम पदबंध   3. क्रिया विशेषण पदबंध 4. क्रिया पदबंध

∗ज∗<u>कश्मीर से कन्याकुमारी तक</u> भारत एक है।

1.क्रिया विशेषण पदबंध   2. संज्ञा पदबंध 3. सर्वनाम पदबंध   4. विशेषण पदबंध

∗झ∗तताँरा एक <u>सुंदर और शक्तिशाली</u> युवक था।

1. संज्ञा पदबंध   2. विशेषण पदबंध   3. क्रिया विशेषण पदबंध 4. क्रिया पदबंध

∗ञ∗<u>दीन दुखियों पर दया दिखाने वाले आप</u> सचमुच महान हैं।

1. सर्वनाम पदबंध   2. क्रिया पदबंध 3. विशेषण पद बंद   4. संज्ञा पदबंध

प्रश्न 3. निम्नलिखित प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए:

क 'त्रिनेत्र' जिसके तीन नेत्र हैं अर्थात 'शिव' में कौन सा समास है?

1. द्वंद्व समास   2. द्विगु समास   3. बहुव्रीहि समास   4. तत्पुरुष समास

ख यथा सामर्थ्य सामासिक शब्द का समास विग्रह होगा-

1. यथा है जो सामर्थ्य   2. सामर्थ्य के अनुसार   3. सामर्थ्य के साथ   4. सामर्थ्य होने पर

ग जीवन पर्यंत का समस्त पद होगा:

1. आजीवन   2. सजीव   3. जीवन तक   4. इनमें से कोई नहीं

घ 'पाप- पुण्य' समस्त पद का भेद है-

1. बहुव्रीहि समास   2. द्विगु समास   3. द्वंद्व समास   4. अव्ययी भाव समास

ङ   हवन सामग्री-हवन के लिए सामग्री समास विग्रह में समास का नाम है:

1. सम्प्रदानतत्पुरुष   2. संबंध तत्पुरुष   3. कर्म तत्पुरुष   4. अधिकरण तत्पुरुष

च 'यथासंभव में समास है-

1. अव्ययीभावसमास   2. तत्पुरुष समास   3. बहुव्रीहि समास   4. द्विगु समास

छ 'बेनाम'=बिना नाम के में समास है:

1. कर्मधारय समास   2. बहुव्रीहि समास   3. अव्ययी भाव समास   4. द्वंद्व समास

ज 'मालगाड़ी 'का सही समास विग्रह चुनें:

1. माल वाली गाड़ी   2. माल के लिए गाड़ी   3. माल से गाड़ी

झ 'दोपहर'का समास विग्रह है

1. दो और पहर   2. दो पहरों का समाहार   3. दो हैं पहर जिसके

ञ 'पुत्ररत्न का उचित समास विग्रह है :

1. पुत्र और रत्न   2. पुत्र रूपी रत्न   3. पुत्र है रत्न जिसका

प्रश्न 4. निम्नलिखित प्रश्नों के उत्तर सही विकल्प चुनकर दीजिए:

क तेज़ वर्षा हुई। नदी में बाढ़ आ गई। इन वाक्यों से बना मिश्रित वाक्य है:

1. नदी में बाढ़ आ गई क्योंकि तेज़ वर्षा हुई।   2. तेज़ वर्षा के कारण नदी में बाढ़ आ गई।

3. तेज़ वर्षा हुई और नदी में बाढ़ आ गई।   4. जब तेज़ वर्षा हुई तब नदी में बाढ़ आ गई।

ख 'माता जी बीमार थीं।वह डॉक्टर के पास गईं ।इन वाक्यों से बना संयुक्त वाक्य है-

1. क्योंकि माता जी बीमार थीं, इसलिए वह डॉक्टर के पास गईं।

2. माता जी बीमार थीं, इसलिए वह डॉक्टर के पास गईं।

3. माता जी बीमार होने के कारण डॉक्टर के पास गईं।

4. जब माता जी बीमार थीं तब वह डॉक्टर के पास गईं।

ग जो गुणी होता है, उसे सभी चाहते हैं।(वाक्य का प्रकार बताइए)

1. सरल वाक्य   2. संयुक्त वाक्य   3. मिश्र वाक्य   4. इनमें से कोई नहीं

घ गली में शोर होते ही सब लोग बाहर आ गए

(रचना के आधार पर वाक्य का प्रकार बताइए)

1. संयुक्त वाक्य   2. मिश्र वाक्य   3. सरल वाक्य

ङ 'खाना खाओ और सो जाओ'। इस वाक्य का सरल वाक्य होगा–

1. खाना खाने के बाद सो जाओ ।   2. पहले खाना खाओ फिर सो जाओ।

3. खाना खा लिया है तो सो जाओ।   4. खाना खाकर सो जाओ।

च) दिए गए विकल्पों में से सरल वाक्य पहचानिए:

1. बाजार जाकर फल ले आओ।   2. बाजार जाओ और फल लेकर आओ।

3. बाजार जाओ तो फल ले आना।   4. अभी बाजार से फल ले आओ।

छ) निम्नलिखित वाक्यों में संयुक्त वाक्य है:

1. धन खर्च करके मौज करो ।   2.मैं पुस्तकालय गया और पुस्तकें लेकर आ गया।

3. अध्यापक के आते ही सब शांत हो गए ।   4.जैसे ही बम फटा वैसे ही शोर होने लगा।

ज) जहाँ तक दृष्टि जाती है, वहाँअंधेरा ही अँधेरा है। (रचना के आधार पर वाक्य के भेद बताइए):

1. मिश्र वाक्य   2. सरल वाक्य   3. संयुक्त वाक्य   4. इनमें से कोई नहीं

झ) बादल गरजते ही वर्षा होने लगी।   मिश्र वाक्य में सही रूपांतरण चुनिए:

1. जब बादल गरजे तब वर्षा होने लगी।   2.बादल गरजे और वर्षा होने लगी।

3. बादल गरजे तभी वर्षा होने लगी।   4. इनमें से कोई नहीं।

ञ) 'चाय पीने की यह एक विधि है।' जापानी में इसे चा -नो-यू कहते हैं सही संयुक्त वाक्य कौन सा होगा:

1. जापानी में चाय पीने की विधि को चा-नो -यू कहते हैं।

2. चाय पीने की यह एक विधि है और इसे जापानी में चा-नो-यू कहते हैं।

3.चाय पीने की ये विधि है, जिसे जापानी में चा-नो-यू कहते हैं।

4. इनमें से कोई नहीं।

प्रश्न 5. निम्नलिखित वाक्यों में दिए गए मुहावरों के विकल्पों में से उचित विकल्प का चयन कीजिए—

क बड़े भाई ने छोटे भाई को ऐसी चुभती बात कही कि वह------।

I) गलाकाटलेना   (II) शर्मिंदा होना

(III) खून बहाना   (IV) अपना सा मँह लेकर रह जाना

ख)आज कल ऐसीऐसी इमारतें बनने लगी हैं जो-------हैं।

I)आकाश- पाताल एक करना II) आकाश से बातें करनाIII)एक और एक ग्यारह होनाIV) दंग रह जाना

ग) रामा मात्र दसवीं पास है ,फिर भी उसकी सरकारी नौकरी लग गई । इसी को कहते हैं---।

Iधोखाहो जाना   II)गुदड़ी का लाल होना III) अंधे के हाथ बटेर लगना   IV) आग बबूला होना

घ)वह अपने माँ- बाप की-------है।

I) आँखों का तारा   II) आँखों की रोशनी   IIIआँखों का सूरज   IV)आँखों की चमक

ङ) रामू काका ने -----नहीं किए हैं ,उन्हें बहुत अनुभव है।

I) मेहँदी लगाकर बाल काले करना   II) धूप में बाल सफ़ेदकरना

III) छाँव में बाल सफ़ेदकरना   IV) सूरज की गर्मी में बाल सफ़ेद करना

प्रश्न 6. निम्नलिखित विषय पर 100 से 120 शब्दों में लघु कथा लिखिए।

1. निहारिका अपनी पढ़ाई पूरी करके नौकरी की तलाश में थी एक दिन उसे एक पत्र मिला-------।पंक्तिसे आरंभ करते हुए एक लघु कथा लिखिए

प्रश्न 7. सूचना लेखन:

1. सुप्रिया अपार्टमेंट के सेक्रेटरी की ओर से सोसाइटी में रहने वाले लोगों को सोसाइटी की सफ़ाई हेतु सचेत करने के लिए सूचना लिखिए

प्रश्न 8. विज्ञापन लेखन:

1. लोगों में सामाजिक दूरी बनाए रखने और मास्क का प्रयोग करने के लिए प्रेरित करने वाला एक विज्ञापन लगभग 50 शब्दों में स्वास्थ्य मंत्रालय की ओर से तैयार कीजिए।

2. आप अपनी कार बेचना चाहते हैं इसके लिए लगभग 50 शब्दों में एक विज्ञापन तैयार कीजिए।

प्रश्न 9 निम्नलिखित संकेत बिंदु के आधार पर लगभग 80 से 100 शब्दों में अनुच्छेद लिखिए
1.मित्र हो तो ऐसा
संकेत बिंदु: * सच्चा दोस्त कौन*हर मुसीबत का साथी*प्रशंसा के लायक

प्रश्न 10. आप गरिमा/ अखिलेश हैं।आप अपने क्षेत्र में होने वाली असमय बिजली कटौती से परेशान हैं ।इससे होने वाली कठिनाइयों की ओर बिजली विभाग का ध्यान आकर्षित करने के लिए हिंदी समाचार पत्र के संपादक के नाम लगभग 120 शब्दों में पत्र लिखिए।

ਪੰਜਾਬੀ

੧. ਸਕੂਲ ਮੈਗਜ਼ੀਨ ਲਈ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਤੇ 8-10 ਲਾਇਨਾਂ ਦੀ ਕਵਿਤਾ ਲਿਖੋ।

2. 'ਮੋਬਾਈਲ' ਦੇ ਦੁਰਪ੍ਰਭਾਵ ਦਸਦੇ ਹੋਏ ਆਪਣੇ ਮਿੱਤਰ ਨੂੰ ਪੱਤਰ ਲਿਖੋ।

3. **'ਸੋ ਕਿਉਂ ਮੰਦਾ ਆਖੀਐ ਜਿਤੁ ਜੰਮੈ ਰਾਜਾਨੁ'** ਇਸ ਤੁਕ ਦਾ ਭਾਵ ਸਪੱਸ਼ਟ ਕਰਦੇ ਹੋਏ ਆਪਣੇ ਵਿਚਾਰ 40-50 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।

4. ਪੰਜਾਬੀ ਬੋਲੀ ਦੇ ਮਹੱਤਵ ਸੰਬੰਧੀ 100 ਸ਼ਬਦਾਂ ਦਾ ਇੱਕ ਪੈਰਾ ਲਿਖੋ।

5. P.T.I ਦੇ ਸਿਲੇਬਸ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।