

St. Xavier's School

Nevta

Holiday Homework

Classes 6 to 10

2022-23

Class 6

Sanskrit	<p>1. अपने दैनिक जीवन में काम आने वाली किन्हीं दस वस्तुओं के नाम संस्कृत में लिखते हुए उनकी चित्रात्मक प्रस्तुति कीजिए(A-4 sheet)</p> <p>2. संस्कृत की किन्हीं दस धातुओं को सचित्र प्रस्तुत कीजिए(A-4 sheet) प्रस्तुतीकरण प्रभावी और लेखन सुंदर व स्पष्ट होना चाहिए(चित्र स्वरचित या चिपकाए जा सकते हैं।) कार्य का मूल्यांकन IA -2 गतिविधि के रूप में होगा।</p>
Science	<p>1. Make a collage of natural and synthetic fibres which you use in your daily life. (In science notebook).</p> <p>2. Draw a well labelled life cycle of silk moth in science notebook.</p>
Hindi	<p>जब मैना अपने बच्चे के पास लौटकर आई होगी, तब उसके बच्चे ने मैना को उनके साथ हुई घटना के बारे में क्या बताया होगा? उनकी बातचीत को संवाद के रूप में लिखिए। (पाठ-2 'गलुंलबाज़ लड़का' के आधार पर)</p> <p>निर्देश -</p> <p>1. परियोजना कार्य A-4 शीट पर करें।</p> <p>2. मैना, और उसके दो बच्चे के कम-से-कम 5-5 संवाद लिखिए। (परियोजना का मूल्यांकन I.A.-2 के अंतर्गत किया जाएगा।)</p>
Social Studies	<p>Prepare a project in a Scrap book showing different occupation of people in Rural (Village) and Urban (City) area .Paste pictures and write in brief about each occupation. Refer Ch -8 Making a living (Civics)</p> <p>Note : Mention at least 5 occupation from each area</p>
Computer Science	<p>Write a page , describing about ARTIFICIAL INTELLIGENCE and ROBOTICS in copy.</p>

Class 7

English	<p>Yet another summer vacation! Yet another chance to rejoice, re-energise and re-discover your potential, Explore your capabilities, push your limits and acquire some new skills, dive into your hobbies and love yourself as a new personality!!</p> <p>A. Your mother is the one who always does all the cleaning at home. You decide to give her a break for a day and swap the duties. Pen down your day's experience of stepping into your mom's shoes in the form of a diary entry in about 100 words.</p> <p>B. Make a list of 50 verb forms and learn them well. Example:</p> <table border="0"><thead><tr><th>FIRST FORM</th><th>SECOND FORM</th><th>THIRD FORM</th></tr></thead><tbody><tr><td>1. DRIVE</td><td>DROVE</td><td></td></tr><tr><td>DRIVEN</td><td></td><td></td></tr></tbody></table> <p>C. Read a novel/ short story of your choice and write about it in the following format-</p> <ol style="list-style-type: none">Title of the story/ novelThe main character (Name and appearance)(3 lines)Message of the novel/story (3 lines) <p>CREATIVE WRITING</p> <p>Write a poem/short story/article or comic strip on a separate A4 size sheet for submission for IA2. The work you submit should be creative and not plagiarized. Grades/Marks will be awarded for content, creativity and presentation.</p> <p>IMPORTANT:</p> <ul style="list-style-type: none">Use A4 size sheets in a file. DO NOT use registers/ notebooks.	FIRST FORM	SECOND FORM	THIRD FORM	1. DRIVE	DROVE		DRIVEN		
FIRST FORM	SECOND FORM	THIRD FORM								
1. DRIVE	DROVE									
DRIVEN										
Hindi	<p>देश में प्रचलित किसी एक मेले की जानकारी लेकर सचित्र परियोजना तैयार कीजिए निर्देश -</p> <ol style="list-style-type: none">परियोजना कार्य ए-4 शीट पर करें।मेले के बारे में लिखते समय निम्नलिखित बिन्दुओं को शामिल करें- मेले का नाम, स्थान, विशेषताएँ एवं उद्देश्य (परियोजना का मूल्यांकन I.A.-2 के अंतर्गत किया जाएगा)									
Mathematics	<p>Topic : Symmetry</p> <p>Consider the given 2D shapes : SQUARE, RECTANGLE, PARALLELOGRAM, KITE, RHOMBUS, TRAPEZIUM.</p> <p>Draw the shapes and their line/lines of symmetry. Also mention number of line/lines of symmetry.</p> <p>Note : Do the work in Maths class notebook.</p> <p>Use colours to make the work presentable.</p>									
Sanskrit	<p>मम परिचयः/ मम परिवारः/ मम देशः/ भारतभूमिः/ वृक्षाः/संस्कृत भाषा/ वृक्षाणाम् महत्त्वम् / प्रदूषणस्य समस्या/ प्रकृतिः निम्न में से किसी एक विषय पर आठ से दस पंक्तियों का एक लेख संस्कृत में लिखिए। अथवा स्वेच्छा अनुसार कोई एक कहानी संस्कृत में लिखिए। इस कार्य का मूल्यांकन IA-2 गतिविधि के रूप में किया जाएगा(कार्य A-4 Size sheet पर करें।)</p>									
Science	<ol style="list-style-type: none">Make a poster highlighting the importance of forests and trees and paste it in your Science notebook.The climate of the entire world is changing dramatically. Collect the information about the climate change (with reference to the rainfall) at two places in the world. Correlate it with the rise in sea level. Compile your findings and prepare a report in your Science notebook.									

Class 7

Social Studies	Prepare a project on Kabir, the bhakti saint (in the history notebook only) focus on the events in his life that influenced him the most and his main teachings. Includes pictures and interesting anecdotes from his life. Write the famous dohas of Kabir .
French	<ol style="list-style-type: none">1. Search, explore and then write 50 most common FRENCH words used in ENGLISH language. (Ex. Ex. Valet, avant-garde, prêt-à-porter, aperitif, fiancé, finale, avant-garde, par avion, RSVP, rendezvous, tête-à-tête, coup d'état... The list can be endless, so just search for any 50 French words used in English and write their meanings as well. Do this work in your French copy/ notebook2. Explore the following French poems/ rhymes<ol style="list-style-type: none">(a) Brille Brille Petite Etoile (Twinkle Twinkle Little Star) https://www.youtube.com/watch?v=4ebisolg-00(b) Alouette, gentille alouette (French body parts - for birds) https://www.youtube.com/watch?v=L_hFw_cWg9U(c) Les petits poissons dans l'eau https://www.youtube.com/watch?v=P7ipjEOdceM(d) REVISE- the French alphabet, greetings, common phrases, and more in this lyrics-based video compilation. https://www.youtube.com/watch?v=ETTcskgCv0M3. Learn & Write the word- meanings given after each lesson on separate A4 sheets (lesson 0 to 2)4. Revise all the grammar topics studied in lesson 1 & 2. (Reviser tous les sujets de grammaire des leçons 1 et 2)5. COMPLETE – all the REVISION WORKSHEETS.
Computer Science	Create an excel sheet given on the page no. 32 under the lab session (A) in computer .Take printout and paste in copy (using A4 sheet) . Write the steps also in copy.

Class 8

English

Summer vacation is a time to unwind, refresh and learn with fun and spirit of joy. Here are few activities you are expected to do and submit on the first of school in July. Read the instructions carefully and complete your work accordingly.

1. Read a novel of your choice and write a short review on the same. Following points should be included in your review:

- Plot
- Characters
- Interesting Characterization
- Message
- Author

*Draw a pen portrait (character sketch) of the main character.

2. HOMOPHONES

Each of two or more words having the same pronunciation but different meanings, origins or spellings are called homophones. For example, 'new' and 'knew'. Find at least ten homophones and prepare a pictorial representation of the same. (You can paste pictures or draw/doodle)

3. HOMONYMS

Each of two or more words having the same spellings or pronunciation but different meanings and origins are called homonyms. For example, 'bark'-a tree's outer layer or the sound a dog makes. Find ten similar words, write their meanings and make one sentence each using the words.

4. DIARY WRITING

You went to an interesting place in Assam during your vacation. You were thrilled with the way your father planned the whole trip to have an easy and comfortable trip with time for relaxation, sight seeing and educational visits as well. Write a diary entry describing your trip and itinerary in about 100-150 words. You can use details about any place in Assam from online sites.

5. IDIOMS

Find five idioms, write their meanings and paste a picture related to the idiom.

Example:

I'm all ears- To listen attentively and eagerly.

CREATIVE WRITING

Write a poem, short story or article on a separate A4 size sheet for submission for IA2. The work you submit should be creative and not plagiarized. Grades/Marks will be awarded for content, creativity and presentation.

Note: Do not attach the creative writing sheet to the portfolio.

IMPORTANT:

- Use A4 size sheets in a file. DO NOT use registers/ notebooks.

Hindi

IA-2 के मूल्यांकन हेतु (A4 Sheet पर)

*किसी एक विषय पर विज्ञापन बनाइए।

पर्यावरण संबंधी विषय जैसे - जल संरक्षण, भूमि संरक्षण, पशु -पक्षी संरक्षण, स्वच्छता अभियान
अथवा

ग्रीष्मकाल में प्रयोग में आने वाली वस्तुओं में से किसी एक के विक्रय हेतु विज्ञापन बनाइए।

नोट - विज्ञापन चित्रात्मक प्रभावी एवं आकर्षक होना चाहिए।

Class 8

French	<p>a) Search, explore and then write 50 most common FRENCH words used in ENGLISH language. (Ex. Valet, avant-garde, prêt-à-porter, aperitif, fiancé, finale, avant-garde, par avion, RSVP, rendezvous, tête-à-tête, coup d'état) the list can be endless, so just search for any 50 French words used in English and write their meanings as well. Do this work in your French copy/ notebook.</p> <p>b) Make a MIND MAP - (la carte mentale) on any one of the FRENCH Articles (défini / indéfini/ partitive/ contracté) on colored A4/A3 Sheet</p> <p>c) Learn the conjugations of all the verbs (ER, -IR, -RE, irregular). (Apprenez les conjugaisons des verbs (ER, -IR, -RE, irregulier)</p> <p>d) Revise all the grammar topics studied in Lesson-1 & 2. (Reviser tous les sujets de grammaire des leçons 1 et 2)</p> <p>e) Write 5-6 sentences in French after watching the video. (Écrivez 5 à 6 lignes en français en décrivant - «Internet»- deux avantages d'Internet et deux inconvénients d'Internet. https://www.youtube.com/watch?v=c_pEZmwglUc</p> <p>This video is an example of an Oral Comprehension. Watch it carefully and in your copy, write (in French) 2-3 advantages and 2-3 disadvantages of INTERNET as discussed in the video. (Cette vidéo montre quelques avantages et inconvénients d'Internet...donc, écrivez deux avantages d'Internet et deux inconvénients d'Internet dans votre cahier)</p> <p>g) Watch the videos - the French Quiz.</p> <ul style="list-style-type: none">• Un quiz sur la culture française ! – (Quiz Culture) https://www.youtube.com/watch?v=QrgHdydTuWI&list=RDCMUCQpM25U6iqaRSO-SZxd5oDw&index=2• Les emblèmes français - Quiz Culture) https://www.youtube.com/watch?v=CEKK-xdek0k• (Connais tu bien la culture Française ? (Quiz - Culture) https://www.youtube.com/watch?v=XlkRLE8xpUc <p>*Important* Dear students, those who wish to write any poem or any article in French about your dream in life.. write on a A4size sheet.. if selected, it will be published in the School magazine</p>
Mathematics	<p>Topic: Playing with numbers What is SUDOKU? Explain briefly. Solve the magic square given in Q.5 on Pg.no.83 of Maths book. Show all the steps of calculation. Note:Do the work in Maths class notebook. Make the work presentable.</p>
Sanskrit	<p>वृक्षाणाम् महत्त्वम् /संस्कृत भाषा/ प्रदूषणस्य समस्या/ प्रकृति:/मम परिचय: / भारतभूमि:/ मम आदर्श:/ मम स्वप्न: निम्न में से किसी एक विषय पर आठ से दस पंक्तियों का एक लेख संस्कृत में लिखिए। अथवा स्वेच्छा अनुसार कोई एक कहानी संस्कृत में लिखिए। इस कार्य का मूल्यांकन IA-2 गतिविधि के रूप में किया जाएगा।(use A-4 Size sheet)</p>

Class 8

Science	<p>Make a collage on a book mark using pieces of different fabrics.</p> <ol style="list-style-type: none">1) Paste at least 5 fabrics.2) Label the fabric pieces.3) You can also paste relevant pictures along with the fabric sample to make it more creative.4) It carries 10 marks for IA-2.
Social Studies	<p>Suggested home work for class 8</p> <ol style="list-style-type: none">1. Read all chapter of PT2 and prepare 10 one word questions from each chapter .(regular history notebook)2. project on classification of resources in your regular Geography copy with pictures.3 prepare class constitution.in a booklet form4. Map work from natural Vegetation and wildlife.(page no.24 (Geography
Computer Science	<p>Pg-20 from book . Project work . Make 5 slides and stick the print out in the copy.</p>

Class 9

Students are required to make a Portfolio which has to be maintained throughout the academic year. Detailed instructions are given below.

INSTRUCTIONS (for students)

Dear Students,

As per the CBSE guidelines, various activities which include Reading, Writing, Speaking and Listening skill has to be conducted and recorded for the Internal Assessment. A portfolio has to be maintained by you to record the activities which are specified. A detailed set of instructions is given below for making the Portfolio. Kindly go through the instructions carefully, if any doubts seek help from your respective teacher. Please make sure to complete the portfolio as it has to be submitted once the school reopens.

- To make the Portfolio please use a separate file/folder. Cover it well and give a creative title. Use A4 size sheets in the file. Make sure to use only A4 size sheets. DO NOT use registers/ notebooks.
- Page 1 - The first page must have your Personal Details which includes Name, Date of birth, Address, Hobbies, Family, Favourite book etc.
- Page 2- In this page you must write your Aims and Aspirations.
- Page 3- Write your Strength and Weakness
- Page 4- Travelogue writing
- Page 5- Comic strip
- Page 6 - Eponymy
- Page 7 – Language Games

English

The details of the above-mentioned activities are given below. Kindly go through it thoroughly and follow the instructions given.

TRAVELOGUE WRITING

Travelogue is a description of someone's travels, given in the form of narrative, public lecture, slide show or motion picture.

Tips for Writing an Excellent Travelogue

- Research the Place. ...
- Write descriptively. ...
- Highlight the various attractions. ...
- Mention the ways and means to reach the destination. .
- Name a few good hotels. ...
- Mention some out of the way tourist attraction. .
- Give some cultural background. ...
- Mention some Dos and Don'ts of the place

India, a land of myriad colours and cultures attracts tourists from all over the world. From the picturesque mountains of Kashmir to the mesmerizing Nilgiris, from the salt pan of Kutch to the tea gardens in Assam, our country offers unique experiences for tourists. The state of Assam is one such popular tourist destination in India. Write a Travelogue on the state of Assam. You can refer to the chapter 'Kathmandu' from Beehive for more ideas. Write the travelogue in not more than 150-200 words.

Class 9

COMIC STRIP

A comic strip is a sequence of drawings, often cartoon, arranged in interrelated panels to display brief humour or form a narrative, often serialized with text in balloons and captions.

Create a comic strip based on chapters from Beehive and Moments. You can create the dialogues between the characters to make it more interesting.

EPONYMY

Eponymy refers to a person whose name is or thought to be the source of the name of something, such as city, country or era. There are many different types of Eponyms, especially in scientific fields. Theories, laws, equations, proofs and elements often have their eponyms in the people that first discovered or proved them. Let us take a look at few examples and their interesting origins.

HELLO – The earliest known appearance of the word HELLO in print is in a letter written by Thomas Edison August 15, 1877. In the letter, addressed to T.B.A David, president of Central District and Printing Telegraph Company in Pittsburgh, Edison suggested that the word should be used to answer the telephone. HELLO is an alteration of the much older word HOLLO.

CARDIGAN—This is named after the 7th Earl of Cardigan. He led troops who wore this garment into battle.

TEDDY BEAR – This word refers to a soft stuffed toy bear. It was named after the American President Theodore Roosevelt, whose nickname was Teddy. Among his hobbies, he liked hunting bears. It is said that he saved the life of a brown bear cub. Then, this story appeared in a cartoon in the Washington Post. After that, the stuffed bears were called Teddy Bears. These are few examples of Eponymy, find out few more interesting examples and write them in your portfolio (at least five).

LANGUAGE GAMES

PORTMANTEAU

A portmanteau or portmanteau word is a blend of words in which parts of multiple words are combined into a new word. For example, smog is word coined by blending smoke and fog, fortnight is coined by blending fourteen and night. Find some interesting portmanteau words and write them down (minimum 10 words).

NONSENSICAL WORDS

Class 9

Try to make meaningful words from the following jumbled words with the help of the given clues in the brackets. To be done in the PORTFOLIO.

1. seblamhs (confusion)
2. nnaycr (small slit)
3. nico (a piece of metal)
4. daurf (a person who deceives others)
5. chiet (moral principles)
6. sgninni (cricket)
7. suoennig (original and well)
8. reutianim (very small)
9. eanins (mad)
10. sicytm (spiritual power)

CREATIVE WRITING

Write a poem/short story/article/song/set of quotes/drama script/comic strip or any other thing you can think of on a separate A4 size sheet for submission for IA2. The work you submit should be creative and not plagiarized. Grades/Marks will be awarded for content, creativity and presentation.

Note: Do not attach the creative writing sheet to the portfolio.

Maths

Click on the Link Below for Maths Holiday Homework

https://drive.google.com/file/d/1PPIZ_eCVpoQ-3_ji8HSpNUoftx34Sdv/view?usp=sharing

Social Studies

Mark and Label the following Rivers and Lakes on three different political maps of India(paste in Geography notebook-for reference see map on page no.19 Chapter 3 Drainage)

- * Indus,Ganga and Brahmaputra(along with tributaries)
- * Penninsular Rivers(only rivers)
- *Fresh and Saline water Lakes.

Learn entire PT 1 Syllabus.

Hindi

IA-2 के मूल्यांकन हेतु (A4 Sheet पर)किसी एक विषय पर स्वरचित कविता, कहानी, लेख या गीत लिखिए।

विषय जैसे - प्रकृति, परोपकार, नैतिकमूल्य, धरती, दया, बच्चे इत्यादि।

Class 9

Science	<p>Write following practicals in your respective practical files:</p> <p>CHEMISTRY</p> <p>1. Preparation of:</p> <p>a) a true solution of common salt, sugar and alum</p> <p>b) a suspension of soil, chalk powder and fine sand in water</p> <p>c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of</p> <ul style="list-style-type: none"><input type="checkbox"/> transparency<input type="checkbox"/> filtration criterion<input type="checkbox"/> stability <p>2. Preparation of</p> <p>a) A mixture</p> <p>b) A compound</p> <p>using iron filings and sulphur powder and distinguishing between these on the basis of:</p> <p>(i) appearance, i.e., homogeneity and heterogeneity</p> <p>(ii) behaviour towards a magnet</p> <p>(iii) behaviour towards carbon disulphide as a solvent</p> <p>(iv) effect of heat</p> <p>3. Perform the following reactions and classify them as physical or chemical changes:</p> <p>a) Iron with copper sulphate solution in water</p> <p>b) Burning of magnesium ribbon in air</p> <p>c) Zinc with dilute sulphuric acid</p> <p>d) Heating of copper sulphate crystals</p> <p>e) Sodium sulphate with barium chloride in the form of their solutions in water</p> <p>4. Determination of the melting point of ice and the boiling point of water.</p> <p>BIOLOGY</p> <p>1. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams.</p> <p>2. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.</p>
Computer Application	<p>Pg 20 and 211 from the book. Draw diagram figure 1.2 and explain</p> <p>1. The basic organization of a computer</p> <p>2. CPU and its components.</p> <p>Do this work in a interleaf notebook.</p>

Class 10

English

Dear Student

As per the CBSE guidelines, a PORTFOLIO has to be created by you. A detailed set of instructions is given below for the making of the Portfolio. Kindly follow the instructions carefully. Be creative, think, plan and see your ideas unfolding on paper. Do not bother if you do not happen to have colour pencils and other fancy stationery. Make the best out of what you have. Remember, it is the process that counts more than the product.

To make the Portfolio, use a separate file/folder. Cover it well and give a creative title. Use A4 size sheets in the file.

Page 1 – My Personal Details:

Name, date of birth, address, hobbies, favourite subject, my family, my favourite book, any other information if you would like to add...

Page 2- My Aims and Aspirations.

Page 3- My strengths and weaknesses (Write your strengths and weaknesses and how you deal with them.)

Page 4- My World View

(In case you do not know: a worldview is a way of looking at and explaining life and the world. It serves as a lens through which the world is interpreted. It is a set of beliefs that influences a person's perspective, values and actions. A worldview is a type of belief system or ideology. A person's worldview can influence the way everything in the world is viewed, interpreted and explained.)

Now, try to write your world view by responding to the following questions:

1. What does it mean to be a human?
2. What does it take to be a good human?
3. What makes a life- A Good Life?

You can draw pictures, use newspaper clippings, etc. to make it more comprehensible.

Pages 5 & 6 - Story Writing (ART INTEGRATION)

Select any one of the following stories from your textbooks 'First Flight' or 'Footprints Without Feet' to recreate it by giving it a different setting i.e., Assam.

When you work on the story, add names, addresses, locations, descriptions that describe Assam rather than the original setting of the story. You can change the plot, the word limit (reduce it to 100-150 words), and very specially the ending or conclusion of the story. Draw caricatures, quick drawings or doodle to support the story and its setting. (avoid pasting pictures)

Class 10

Stories you can choose from:

1. THE HUNDRED DRESSES
2. MIJBIL THE OTTER
3. MADAM RIDES THE BUS
4. THE PROPOSAL
5. THE HACK DRIVER
6. THE MIDNIGHT VISITOR

***You have to attempt only one story.

- Page 7- My Autobiography (an excerpt)

Write a page of your autobiography. This definitely, cannot incorporate all the events, select one or two and write about them. Remember to highlight emotions rather than the timeline.

(Take ideas from 'Nelson Mandela' which is also an excerpt from his autobiography)

- Page 8, 9 & 10- A Game in Creation

Board games have always been people's companions in their leisure time. Let's try to create one!

Think, plan, collect ideas, words and information to create a board game of your own. It can be based on any of the lessons from any of your books (any subject) or can be based on 'Vocabulary' or any novel that might have read but the language used should be 'English'.

Also, write a few points describing how the game can be played. If needed, feel free to use more sheets and pages. (A few samples will be shared in the WhatsApp group for your reference and understanding)

IMPORTANT: Write or create a poem/short story/article/ song/ set of quotes/ drama script/ comic strip or any other thing you can think of on a separate A4 size sheet for submission for IA2. The work you submit should be creative and not plagiarized. Grades/ Marks will be awarded for content, creativity and presentation.

(Note: This sheet should not be attached in the portfolio)

Maths

Click on the Link Below for Maths Holiday Homework

https://drive.google.com/file/d/1CBn8EJnC_EjdzrYO7QQ3iSvW-cASeE5X/view?usp=sharing

Social Studies

Topic- Social Issue

Objective- Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report.

The different aspects to be focused while working on the project are-

1. Content accuracy, originality and analysis.
2. Presentation
3. Creativity

Hindi

प्रिय विद्यार्थियों,

IA-2 के मूल्यांकन हेतु (A4 Sheet पर) किसी एक विषय पर स्वरचित कविता, कहानी, लेख या गीत लिखिए।

विषय जैसे - प्रकृति, परोपकार, नैतिक मूल्य, धरती, दया, पर्यावरण संरक्षण जल संरक्षण आत्मविश्वास इत्यादि।(आप इनके अतिरिक्त भी अपनी रुचि अनुसार उचित एवं प्रेरणादायक कोई भी विषय ले सकते हो।)

नोट - यह कार्य सभी विद्यार्थियों को करना अनिवार्य है।

Class 10

Write following practicals in respective practical files:

PHYSICS

1. Determination of the focal length of:

i) Concave mirror

ii) Convex lens

by obtaining the image of a distant object.

2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles

of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.

3. Tracing the path of the rays of light through a glass prism.

CHEMISTRY

1. A. Finding the pH of the following samples by using pH paper/universal indicator:

(i) Dilute Hydrochloric Acid

(ii) Dilute NaOH solution

(iii) Dilute Ethanoic Acid solution

(iv) Lemon juice

(v) Water

(vi) Dilute Hydrogen Carbonate solution

B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:

a) Litmus solution (Blue/Red)

b) Zinc metal

c) Solid sodium carbonate

2. Performing and observing the following reactions and classifying them into:

A. Combination reaction

B. Decomposition reaction

C. Displacement reaction

D. Double displacement reaction

(i) Action of water on quicklime

(ii) Action of heat on ferrous sulphate crystals

(iii) Iron nails kept in copper sulphate solution

(iv) Reaction between sodium sulphate and barium chloride solutions

3. Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions:

i) $\text{ZnSO}_4(\text{aq})$

ii) $\text{FeSO}_4(\text{aq})$

iii) $\text{CuSO}_4(\text{aq})$

iv) $\text{Al}_2(\text{SO}_4)_3(\text{aq})$

Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.

Science

Class 10

<p>Science</p>	<p>BIOLOGY</p> <ol style="list-style-type: none">1. Preparing a temporary mount of a leaf peel to show stomata.2. Experimentally show that carbon dioxide is given out during respiration.3. Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides.4. Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean)
<p>Computer Application</p>	<p>Create a web page for the LAB ACTIVITY (ACTIVITY 1) given on page no. 107 and paste (coding and oputput page) in an interleaf copy</p>