



SelaQui

INTERNATIONAL SCHOOL

HOLIDAY HOMEWORK JUNE 2021-22

Class 10 A
Class Teacher

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English

1. Listening –

The Bet – Anton Chekhov

<https://www.youtube.com/watch?v=eD2m2RLpRa4>

The Gift of the Magi – O Henry

<https://www.youtube.com/watch?v=hf0gM-fSqqc>

After listening to the audio stories, you are expected to write a summary each for both the short stories [Word Limit – 300 to 500 words]

Submission of Assignment – Word Document [Named – Name of the story/ Student’s Name/ Admission Number]

2. Reading –

Dusk – Saki

<http://www.eastoftheweb.com/short-stories/UBooks/Dusk807.shtml>

The Tiger in the Tunnel - Ruskin Bond

<http://www.gasckgm.org/kgm%20econtent/english/BA%20III%20rd%20YEAR/53B%20Indian%20Writing%20in%20English%20e.pdf>

Read the two stories mentioned above and rewrite the endings giving the stories your own personal twist.

Submission of Assignment – PPT 2 to 3 slides using more pictorial depiction and fewer words [Named – Name of the story/ Student’s Name/ Admission Number]

3. Writing –

A Psalm of Life – HW LONGFELLOW

<HTTPS://WWW.POETRYFOUNDATION.ORG/POEMS/44644/A-PSALM-OF-LIFE>

All the world’s a stage – William Shakespeare

<https://www.poetryfoundation.org/poems/56966/speech-all-the-worlds-a-stage>

Read the given poems about Life and write an Article in about 500 to 1000 words about your understanding of LIFE. You may refer to other sources as well or seek for insights but preparing a questionnaire for your parents and grandparents to answer thus contributing to the understanding of Life. Once you have collated all available opinions and data you may proceed to write the article.

Submission of Assignment – Word Document [Title of the Article / Student’s Name/ Admission Number]

Hindi

कार्यपत्रिका - 1

कक्षा -10

कबीर - साखी

कबीर की साखियों की व्याख्या अपने शब्दों में कीजिए। व्याख्या में एक उदाहरण देना अनिवार्य है।

प्रत्येक साखी की व्याख्या 80-100 शब्दों में हो।

1. ऐसी बाँणी बोलिये, मन का आपा खोइ।

अपना तन सीतल करै, औरन कौ सुख होइ।।

2. कस्तूरी कुंडली बसै, मृग ढूँढै बन माँहि।

ऐसैं घटि- घटि राँम है, दुनियां देखै नाँहि।।

3. जब मैं था तब हरि नहीं, अब हरि हैं मैं नाँहि।

सब अँधियारा मिटी गया, जब दीपक देख्या माँहि।।

4. सुखिया सब संसार है, खायै अरु सोवै।

दुखिया दास कबीर है, जागै अरु रोवै।।

5. बिरह भुवंगम तन बसै, मंत्र न लागै कोइ।

राम बियोगी ना जिवै, जिवै तो बौरा होइ।।

6. निंदक नेड़ा राखिये, आँगणि कुटी बँधाइ।

बिन साबण पाँणीं बिना, निरमल करै सुभाइ।।

7. पोथी पढ़ि - पढ़ि जग मुवा, पंडित भया न कोइ।

ऐकै अषिर पीव का, पढ़ै सु पंडित होइ।

8. हम घर जाल्या आपणाँ, लिया मुराड़ा हाथि।

अब घर जालौं तास का, जे चलै हमारे साथि।।

नीचे दिए गए प्रश्नों के उत्तर 50-60 शब्दों में लिखिए।

1. कबीर की साखियों से क्या शिक्षा मिलती है ?

2. कबीर की भाषा पर प्रकाश डालिए।

कार्यपत्रिका - 2

हरिहर काका

हरिहर काका कहानी का सार 100-120 शब्दों में लिखिए ।

इस कहानी में निहित व्यंग्यात्मकता पर अपनी टिप्पणी दीजिए । (100-120 शब्द)

नीचे दिए गए प्रश्नों के उत्तर 50-60 शब्दों में लिखिए ।

1. हरिहर काका कौन हैं?
2. गाँव में ठाकुरबारी की स्थापना किसने की थी?
3. हरिहर काका कहानी लिखने का मूल उद्देश्य क्या है?
4. स्वार्थ के लिए लोग क्या-क्या करते हैं?
5. वर्तमान समय में हरिहर काका जैसे लोगों को देखते हुए युवा पीढ़ी का क्या कर्तव्य होना चाहिए?
6. क्या हरिहर काका एक शोषित वर्ग के प्रतिनिधि के रूप में नज़र आते हैं?
7. हरिहर काका को जबरन उठकर ले जाने वालों ने उनके साथ कैसा व्यवहार किया?
8. लेखक की ठाकुरबारी के विषय में क्या राय है?
9. हरिहर काका के मामले में गाँव वालों की क्या राय थी और उसके क्या कारण थे?
10. यदि आपके आसपास हरिहर काका जैसी हालत में कोई हो तो आप उसकी मदद कैसे करेंगे?

कार्यपत्रिका - 3

बड़े भाई साहब

लेखक प्रेमचंद के विषय में जानकारी प्राप्त कर 100-150 शब्दों में लिखिए।

बड़े भाई साहब कहानी में शिक्षा व्यवस्था पर जो विचार दिए गए हैं उनका उल्लेख करते हुए आलोचन प्रस्तुत कीजिए।

नीचे दिए गए प्रश्नों के उत्तर 50-60 शब्दों में लिखिए।

1. बड़े भाई साहब छोटे भाई से हर समय पहला सवाल क्या पूछते थे ?
2. बड़े भाई साहब छोटे भाई से उम्र में कितने बड़े थे ?
3. सिर पर नंगी तलवार लटकना' का सही अर्थ क्या हो सकता है ?- मृत्यु का भय होना या खूब खरी खोटी सुनाना।
4. पाठ में बड़े भाई की छवि कैसी है?
5. लेखक द्वारा समय-सारिणी क्यों बनाई गई ?
6. लेखक का मन पढ़ाई में न लगकर किन कार्यों में लगता था?
7. एक परिवार में बड़े भाई या बहन का अपने छोटे भाई-बहनों के साथ कैसा व्यवहार होता है?
8. शिक्षा को लेकर बड़े भाई साहब का क्या मत था?
9. क्या पाठ में बड़े भाई का बचपन जिम्मेदारियों तले दबकर गायब हो गया है?
10. इस पाठ के माध्यम से हमारी शिक्षा पद्धति की कौन सी कमी उजागर हुई है ?

कार्यपत्रिका - 4

चित्र को देखकर अपनी सोच के मुख्य बिंदुओं को लिखें।



कार्यपत्रिका - 5

नीचे दिए गए लिंक द्वारा मुंशी प्रेमचंद की इन तीन कहानियों को पढ़कर उससे प्राप्त कोई पाँच मूल विचार लिखिए।

<https://munshipremchandkikahani.blogspot.com/2017/09/namak-ka-daroga.html>

<https://munshipremchandkikahani.blogspot.com/2017/09/do-bailo-ki-katha.html>

<https://munshipremchandkikahani.blogspot.com/2018/05/koi-dukhn-na-ho-to-bakri-la.html>

Mathematics:

General Instructions:

Assignment -1 (Practice Worksheet)

25 marks

1. Write the solution of all the questions on white paper and make the pdf file and send it.
2. All the questions are compulsory to solve.

LINK: [Holiday Home Work -X Math.docx](#)

Assignment -2 (Math Activity -file work)

25 marks

1. Write all the activity in a project file- Lab manual Book for mathematics
2. Link is provided to u as followed

<http://ncert.nic.in/ncerts/l/lelm404.pdf>

3. **You have to write the following activity from the site.**

i)Activity -1

Object- To find the HCF of two numbers experimentally based on Euclid Division Lemma.

ii) Activity -2

Object- To draw the graph of a quadratic polynomial and observe

iii) Activity -3

Object- To verify the conditions of consistency/ inconsistency for a pair of linear equations

iv) Activity - **Note:** Activity number -04 is not in syllabus . (don't write)

Object-

v) Activity -5

Object- To identify Arithmetic Progressions in some given lists of numbers (patterns).

vi) Activity -6

Object- To find the sum of first n natural numbers.

vii) Activity -7

Object- To find the sum of the first n odd natural numbers

viii) Activity -8

Object- To find the sum of the first n-even natural numbers.

ix) Activity -09

Object- To establish a formula for the sum of first n terms of an Arithmetic Progression.

x) Activity -10

Object- To verify the distance formula by graphical method.

Physics:

Summer Break Holidays Homework

Physics 10 A

- A. Using the notes from the chapter Light (Reflection part), create any one of the following:
1. An infographic. You can use the link to create your own infographic (<https://piktochart.com/formats/infographics/>).
 2. Comic book having at least 6 comic strips. (You can use the link to create your own comic strips <https://www.pixton.com>).
- B. Create Cornell Notes in your classwork physics notebook on any two topics: (You can understand how to make Cornell Notes using the link: <https://lsc.cornell.edu/how-to-study/taking-notes/cornell-note-taking-system/>)
- Types of mirrors and their uses.
 - Sign conventions and rules used for image formation by spherical mirrors.
 - Terms associated with mirrors (Pole, focus, etc.)
 - Image formation by concave mirrors.
 - Image formation by convex mirrors.
 - Mirror formula and magnification of mirrors.

The infographic or comic book and Cornell notes have to be uploaded in the following folder:

Physics 10A>>> Files>>> Session 2021-22>>>Summer Break Holidays Homework>>>Your name.

Chemistry:

A) Virtual Experiments and Practical Record

Learning outcomes

After completing this activity, you should be able to:

- acquire good understanding about single displacement reactions, combination reactions, decomposition reactions, double displacement reactions.
- develop the skill to demonstrate a single displacement reaction, combination reaction, decomposition reaction, and double displacement reaction using suitable chemicals.
- distinguish a single displacement reaction, combination reaction, decomposition reaction, and double displacement reaction from a given set of chemical reactions.

Question

Read the **Theory**, watch the **Video** and engage with the **Simulator** of the following reactions from the links included.

S. No.	Reactions	Link
1	Single Displacement Reaction	http://amrita.olabs.edu.in/?sub=73&brch=3&sim=81&cnt=1
2	Combination Reaction	http://amrita.olabs.edu.in/?sub=73&brch=3&sim=79&cnt=1
3	Decomposition Reaction	http://amrita.olabs.edu.in/?sub=73&brch=3&sim=80&cnt=1
4	Double Displacement Reaction	http://amrita.olabs.edu.in/?sub=73&brch=3&sim=82&cnt=1

After completing the above task, you are to **write in the Practical File** for each reaction, using the information from the above links, the following.

- **Objective**
- **Materials Required**
- **Laboratory Procedure** (Note: DON'T WRITE THE SIMULATION PROCEDURE)
- **Observations**
- **Inferences**
- **Precautions** (Note: ONLY FOR THOSE REACTIONS WHERE THEY ARE AVAILABLE)

B) Chemical Reactions and Equations**Learning outcomes**

After completing this activity, you should be able to:

- calculates using the data given, such as, number of atoms in reactants and products to balance a chemical equation.
- uses scientific conventions to represent units of various quantities, symbols, formulae, and equations, such as, balanced chemical equation by using symbols and physical states of substances.

S. No.	Question	Points
1	Write the balanced chemical equations for the following reactions and identify the type of reaction in each case. (a) Thermit reaction, iron (III) oxide reacts with aluminium and gives molten iron and aluminium oxide. (b) Magnesium ribbon is burnt in an atmosphere of nitrogen gas to form solid magnesium nitride.	4
2	Which among the following changes are exothermic or endothermic in nature? (a) Decomposition of ferrous sulphate (b) Dilution of sulfuric acid (c) Dissolution of sodium hydroxide in water (d) Dissolution of ammonium chloride in water	4
3	Balance the following chemical equations and identify the type of chemical reaction. (a) $\text{Mg(s)} + \text{Cl}_2\text{(g)} \longrightarrow \text{MgCl}_2\text{(s)}$ (b) $\text{HgO(s)} \xrightarrow{\text{Heat}} \text{Hg(l)} + \text{O}_2\text{(g)}$ (c) $\text{Na(s)} + \text{S(s)} \xrightarrow{\text{Fuse}} \text{Na}_2\text{S(s)}$ (d) $\text{TiCl}_4\text{(l)} + \text{Mg(s)} \longrightarrow \text{Ti(s)} + \text{MgCl}_2\text{(s)}$ (e) $\text{CaO(s)} + \text{SiO}_2\text{(s)} \longrightarrow \text{CaSiO}_3\text{(s)}$ (f) $\text{H}_2\text{O}_2\text{(l)} \xrightarrow{\text{UV}} \text{H}_2\text{O(l)} + \text{O}_2\text{(g)}$	12

Biology:**Art integrated project- Choose any 1 from the following projects:**

Projects	Art Form	Project Title	Project Description	Rubrics
1	Video/film making	Heredity and evolution	Compare and contrast the body features (eg. Eye color) in your close and distant relatives to study heredity and linkage. Compile the clips and make a video of not more than 2 minutes. (Reference: Chapter 9- Heredity and evolution)	Will assess Relevance & Development of the theme / topic and creativity
2	Brochure/Flyer /Document Making	Endocrine glands and their secretions	Discuss the glands, their secretions, location and disorders due to hormonal imbalance. (Reference: Chapter 7- Control and coordination)	Will assess Relevance & Development of the theme / topic and creativity
3	Painting	Food chain	Make a painting illustrating the food chain in any one ecosystem. (Reference: Chapter 15- Our environment)	Craftsmanship, neatness and creativity
4	Infographic making	Mechanism of heart	Explain the mechanism of heart with the help of an infographic. You may use various apps available on internet for the purpose. (Reference: Chapter 6-Life processes)	Will assess application- applies ideas to develop original pieces of art.

Social Science:

- I. Every student has to compulsorily undertake **any one project** on the following topics:

Consumer Awareness

(Any issue with regard to consumer awareness, its significance/impact etc. may be chosen. Example used or project done should be related to Karnataka.)

OR

Social Issues

(Student may choose any social issue for the project, but it should be related to the state of Karnataka)

OR

Sustainable Development

(Student may choose any topic with reference to sustainable development in the state of Karnataka)
If required, students may go out for collecting data and use different primary and secondary resources to prepare the project. If possible, different forms of art may be integrated in the project work

The Project Report should be handwritten by the students themselves.

The distribution of marks over different aspects relating to Project Work is as follows:

- | | |
|---|---|
| a. Content accuracy, originality and analysis | 2 |
| b. Presentation and creativity | 2 |
| c. Viva Voce | 1 |

Records pertaining to projects (internal assessment) of the students will be maintained for a period of three months from the date of declaration of result for verification at the discretion of Board.

The project must comprise the following:

1. Acknowledgement
2. Content
3. Introduction
4. Body
5. Conclusion
6. Bibliography

Illustrate your project with images/ illustrations/ graphs.

Submission : **All students will submit the hard copy of their project when they return to school.**

- II. Students will be given worksheets in History, Democratic Politics, Geography and Economics. All students will complete the work given and write their answers in their notebooks. Notebooks will be submitted for correction once the students return to campus. In the meanwhile, students will be compile the work in a pdf file and submit it on teams.

Computer (ICT):

1. Study 10 most commonly used ICT tools for teachers (<https://pedagoo.com/10-ict-tools-for-teachers-you-cant-miss/?lang=en>). Please prepare the HTML file of their name and descriptions.
2. Create a list of 10 popular games you know. Then prepare the HTML file of their name, images and descriptions.
3. Create a list of 10 wishes and how will you make it possible (Plan for their execution). Then prepare a HTML file having Wish and plan of execution.
4. Please attempt following quiz
<https://quizizz.com/admin/quiz/5a131172d384a711003b812e/html-basics>

Note- Please make a note of the question you are facing a problem. And ask immediately. You can also try a similar kind of worksheet for practice.

French:

Le devoir des vacances d'été pour le niveau- X A

1. Écrivez une lettre à votre ami(e) en décrivant un endroit / lieu que vous avez visité pendant les vacances. (80-100 mots)

2. Mettez le dialogue en ordre.

Kunal : oui , effectivement , c'est intéressant de découvrir des cultures différentes.

Kunal : Pourquoi ? Qu'est-ce qui te plait ?

Kunal : Alors . qu'est -ce qui te penses de ton expérience à Paris.

Aneeh : Tu sais , j'aime beaucoup vivre dans un contexte internationale et j'ai de la chance car, j'ai rencontré non seulement des Français, mais aussi des gens de partout d'Europe, d'Amérique, d'Afrique , d'Asie

Aneesh : Ah oui . c'est passionnant

Aneesh : Dans l'ensemble je suis très content de mon expérience ici.

3. Complétez le texte avec les mots donnés

(vers , chez, exposition, message, dimanche , café , bonjour, campagne , rendez-vous, français ,vacances , avis)

Nous sommes dimanche. Caroles est en _____ en France. Il a un _____ dans un café avec Stéphane , un ami _____ vers 14 heures pour voir une _____ de photos. Par hasard , le _____ matin, Il est dans le quartier de Stéphane . Carlos passe donc _____ son ami vers 11 heures pour lui dire _____. IL n'est pas là . Sa voisine dit « A , mon _____ Stéphane est en week-end à la _____ » Très triste, Carlos va au cinéma. Il rentre chez lui _____ 16 heures et il trouve un _____ de son ami. « salut Carlos, c'est Stéphane. Il est 14 h 20 , je suis au _____ je t'attends jusqu'à la demie»

4. Complétez avec les adjectifs possessifs.

1. J'ai oublié _____ sac à l'école.

2. Les étudiants vont à _____ classe.

3. Hélène écrit une lettre à _____ grands-parents ?

4. Annick et Philippe ont présenté _____ amis à _____ père.

5. As-tu recopié _____ devoir de mathématiques ?



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website : www.selaqui.org