

**KERALA PUBLIC SCHOOLS
ACADEMIC YEAR 2020-21**



CLASS : X

HOME ASSIGNMENT

DATE:20.04.2020 to 03.05.2020

SUBJECT	ASSIGNMENTS
HINDI	<p>साहित्य</p> <p>पाठ- पद (सुरदास) पाठ का सार ध्यान से पढ़ें ।</p> <p>पाठ के अंत में दिए गए शब्दार्थ लिखें</p> <p>प्रश्न-अभ्यास - प्रश्न 1 से 10 तक के उत्तर अभ्यास पुस्तिका में लिखें।</p> <p>भाषा- रचना के आधार पर वाक्य भेद एवं परिवर्तन (सारे कार्य अभ्यास पुस्तिका में करें)</p> <p>वाक्य की परिभाषा उदाहरण के साथ लिखें</p> <p>वाक्य के भेदों (रचना के आधार पर) को फ्लो-चार्ट की सहायता से दर्शाएं।</p> <p>प्रत्येक भेद की परिभाषा पांच-पांच उदाहरण के साथ लिखें।</p> <p>तीनों तरह के वाक्यों के बीच वाक्य परिवर्तन दर्शाते हुए पांच पांच उदाहरण लिखें।</p> <p>Note: All work to be done in the hindi note book.</p>
MATHS	<p>Chapter – 8. Trigonometric Ratios</p> <p>Click on the link below .</p> <p>https://www.youtube.com/watch?v=Sje6km5gW2A</p> <p>Diksha App (M.C.Q), (Short Answers), (Very Short Answers), Ex – 8.1, Ex – 8.2</p> <p>Please try different types of questions from R.S Aggarwal book.</p>
SCIENCE	<p><u>PHYSICS : Chapter 12- Electricity (contd)</u></p> <p>1- Definition of electric potential difference, numerical. Q/ans pg. no 202 NCERT book.(For answers you can refer to Diksha app)</p> <p>2- Understanding electric circuit diagrams with symbols of different circuit components. Students to copy and make different symbols in the notebook.</p> <p>3- Ohm's Law, verification of law to be noted down in the notebook. (Watch the verification of the law in Diksha app).</p> <p>4- Definition of Resistivity, factors affecting resistance of a wire, numericals. (Refer to Diksha app for the topic Resistivity.)</p> <p>5- Q/Ans pg. no 209 NCERT book.(to be noted down in class work notebook).</p> <p><u>CHEMISTRY : Chapter 1- Chemical Reactions and equations</u></p> <p>1- Do the question answers of activity:- 1.2 NCERT (page-12)</p> <p>2- Write all the chemical reactions from page no. 2,3,4,5,7 and 11.</p> <p>3- Write down all the questions and answers of page no. 13 NCERT</p> <p>4- Do question no. 4,5,6,7 and 8 from page no. 15.</p> <p>5- Take help from Diksha app to write down the answer no. 9,11,13 and 15 from page no.16 NCERT.</p> <p><u>BIOLOGY : Chapter 6- Life processes (Nutrition contd)</u></p> <p>1- Write down questions and answers 1-5 of NCERT page no- 101.</p> <p>2- From Diksha app do the MCQs and Objective-type questions.</p> <p>3- Do question no. 5,6 and 7 from page no. 113.</p> <p>4- Draw a diagram showing open and closed stomata pores (page no.97) and Nutrition in amoeba. (Page no. 98) on the plane side of the notebook.</p> <p>5- Write short note on pancreas and small intestine.</p>

Letter to God**CHAPTER HIGHLIGHTS**

- Lencho was a farmer . He had a field of ripe corn dotted with flowers.
- He hoped for a downpour or at least a shower.
- He was happy to see huge mountains of clouds.
- But suddenly strong wind began to blow with the large hailstones
- The hail rained for an hour and the field was white as if covered with salt
- The corn was totally destroyed
- The hail had left nothing. He did not understand what to do.
- But he had a great faith in god. He decided to seek help from god
- He wrote a letter to god demanding 100 pesos
- When the postman read the letter addressing to god he could not stop himself from laughing.
- The post master was a fat , amiable man who decided to help Lencho. He collected 70 pesos from his friends ,charity and he himself gave part of his salary.
- The following Sunday Lencho came to collect the money but was disappointed to find only 70 pesos
- He was angry and to god demanding wrote again a letter rest of the money.
- He also wrote that god must not send money through post office because he believed that the post office employees were a bunch of crooks

ANSWER THE FOLLOWING QUESTIONS IN 30-40 words

1. Who was Lencho? What was his main problem?
2. What did Lencho compare the raindrops to and why?
3. Why did Lencho write a letter to God?
4. Why and how did the Post master help Lencho?
5. Why did Lencho not want the money to be sent through mail?

ANSWER THE FOLLOWING QUESTIONS IN 100-150 words

1. "Humanity still exists", this is what we get to know after reading 'A letter to God' in which firm faith in God of a poor farmer and helpfulness of the post office employees are aptly depicted .Write a paragraph on the values depicted and give your paragraph a suitable title.
2. How does the character of Lencho inspire us to have faith in God and remain calm in difficult situation?

DUST OF SNOW :

- Begin with writing the complete poem in the notebook.
- Synonyms as given in the text
- Write the message, theme, literary devices from the literature companion book.
- Reference to Context Q1 and Q.2 (literature companion)
- Textual Questions Q. 1,Q.2(literature companion)
- Additional Questions.Q.4 and Q. 6(literature companion)
- Long Answer Questions Q. 2(literature companion)

Multiple Choice Questions :-

1. What was saved for the poet?
(a) Crow (b) Tree (c) Some part of the day (d) Snow
2. Under which tree was the poet standing?
(a) Oak (b) Hemlock (c) maple (d) pine
3. Who is the poet of the poem 'Dust Of Snow'.
(a) Robert Frost (b) Robert Browning (c) William Wordsworth (d) John Keats
4. What fell on the poet?
(a) dust of snow (b) dust of tree (c) dust of rain (d) dust of crow.
5. What was the effect of the fall of the dust of snow on the poet?
(a) Changed his mood (b) changed his luck (c) changed his job (d) changed his color.

FIRE AND ICE :

- Begin with writing the complete poem in the notebook.
- Write down the synonyms as given in the text book.
- Write the Theme ,Message, Literary Devices(literature companion)
- Reference to Context Q.1 and Q. 2
- Textual Questions -Q. 1
- Additional Questions -Q. 1,Q.2, Q.4,Q.5
- Long Answer Questions -Q. 1 and Q. 2

Multiple Choice Questions :-

1. What does the poet think, the world will end in?
(a) Love (b) ice (c) both (d) none of the above.
2. Can hatred destroy the world?
(a) Yes (b) No (c) May be (d) May not
3. According to Robert Frost, what will end one day?
(a) Fire (b) ice (c) both (d) world
4. What does violent desire refer to ?
(a) Fire (b) ice (c) both (d) none of the above.
5. What does ice symbolize?
(a) Violent (b) hatred (c) love (d) all of the above

Note – Draw margins, put date , underline the headings and sub headings. Work should be neat with good handwriting. Two separate notebooks for language and literature.

English Language Assignment - Class 10

Q. 1 The following passage has not been edited . Edit the passage and write both the error and the correction. The first one has been done for you.

	<u>Error.</u>	<u>Correction</u>
Sachin Tendulkar is a best.	Eg. <u>a</u>	<u>the</u>
cricketer in India.He has play for.	(a) -----	-----
more than 20years on the country.	(b) -----	-----
He retired from the games.	(c) -----	-----
Last year. He is known for.	(d) -----	-----
His skill in batting or fielding.	(e) -----	-----

Q. 2 The following passage has not been edited.Edit the passage by providing the missing word along with the word before and after it .

	<u>Before.</u>	<u>Omitted.</u>	<u>After</u>
Every year many people visit temple.	(a) -----	-----	-----
of Kanchipuram Tamil Nadu.	(b) -----	-----	-----
pilgrims have going there in.	(c) -----	-----	-----
large numbers many centuries	(d)-----	-----	-----
because they want see the	(e) -----	-----	-----
splendid architectures of the temples.	No error.		

Q. 3 Complete the paragraph given below by filling in the blanks choosing the correct option from those that follow :-

Sanitation and hygiene are also important (a) ----- the well being of society and biodiversity conservation. The government has (b) -----a programme.It aims to develop (c) ----- river fronts .It will solve the problems of pollution (d) ----- the rivers.

- (a) 1.by. 2.from. 3. for. 4. in
 (b) 1.initiates 2.initiated. 3. Initiative 4. initiate
 (c) 1.an. 2.a. 3. In. 4.the
 (d) 1.in. 2.on. 3. Onto. 4.by

Q. 4 Re arrange the sentences :-

- (a) than others /can cope /some people /better /hardships with
 (b) change /may /time /circumstances /with
 (c) responsibility/freedom/and/brings/power
 (d) Arthshastra/ book /the most /was Kautilya/written/popular/by

Note – Two separate notebooks to be maintained. Language work to be done in the language notebook. Work should be neat with good handwriting .Make use of only blue gel pens.

**SOCIAL
SCIENCE**

HISTORY

CH: The Age of Industrialization

Click on the link below.

<https://www.youtube.com/watch?v=xuIyV9IwzuE>

1-Read page no.103, 104.

Answer the pictorial questions:

- Q1. Who has produced a music book in 1900?
- Q2. Name the picture of the cover page album.
- Q3. What was the picture depicting in fig 1?
- Q4. What is the difference between both the pictures (Two scientist) of figure 2?
- Q5. When and where was the picture of two magicians of figure 2 published?

2-Read Unit 1 (1.1 and 1.2).

Page no.105, 106, 107, and 108.

Answer the following questions:

- Q1. What is Proto-industrialization?
- Q2. What were guilds?
- Q3. Why was it difficult for the new merchants to set up business in town?
- Q4. Define these terms: - Stapler, Fuller, Carding.
- Q5. Which industry was symbol of the new era in the late 18th century?
- Q6. Who created the cotton mill?
- Q7. Who invented the steam engine?

3-Revise and answer.

Long answer type questions:

- Q1. Distinguish between industrialization and proto industrialization.
- Q2. Analyse the role of the trade guilds.
- Q3. Who created the cotton mill? How did it help in improving the production?
- Q4. In the seventeenth and the eighteenth centuries, the merchants from the towns in Europe began moving to the country side. Give any three reasons.

4-Read unit 2

Page no. 109,110,111,112

5

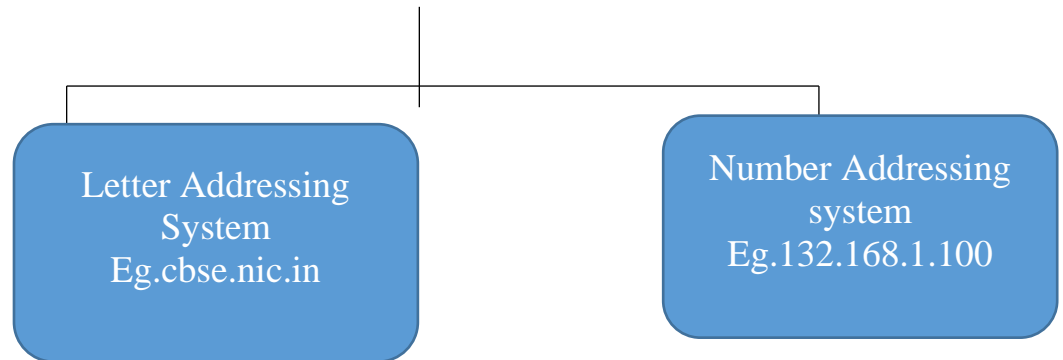
Answer the following questions:

- Q1. Why did the industrialists in the 19th century Europe prefer hand labour over machine?
- Q2. Why did upper classes in England prefer things made by hand?
- Q3. What kind of lives did the workers lead during industrial revolution?
- Q4. Why workers hostile to new technology?
- Q5. What was spinning jenny?

NOTE: PLEASE WRITE ANSWERS OF THE ABOVE QUESTIONS IN HISTORY NOTEBOOK.

<p>COMPUTER APPLICATION</p>	<p><u>Ch.1 Introduction to the Internet</u></p> <ol style="list-style-type: none"> 1. Read the chapter Carefully. 2. Go through the Tricky Terms given at the back of the chapter. 3. Complete Application based Type Question in your notebook. <p><u>Ch.2 Internet Services</u></p> <ol style="list-style-type: none"> 1. Read the chapter Carefully. 2. Go through the Tricky Terms given at the back of the chapter. 3. Complete Application Based Type Question in your notebook. <p>[Short notes for this chapter : <u>INTERNET</u></p> <p>The internet is an interconnection of a large number of computers from different computer networks spread across the world. It is a global network of computer networks.</p> <ul style="list-style-type: none"> • <u>World Wide Web</u> (www) –It is a global collection of documents which is later identified by URLs. It is an internet based network of servers that are interconnected through hypertext. Hypertext is a method of presenting information in which selection of a highlighted text or item displays more information on particular topic. These highlighted items are called hyperlinks. • The first Web browser, written by Tim Berners Lee and introduced in early 1991. <p>Eg. www.ignou.ac.in</p> <ul style="list-style-type: none"> ❖ A <u>web page</u> is an electronic document written in a computer language called hypertext markup language. Each page has unique address, called URL (uniform resource locator) which is viewed in an Internet browser. A web page can be accessed by entering a URL address into a browser's address bar. A web page may contain text, graphics, and hyperlinks to other web pages and files. ❖ A <u>website</u> is a collection of one or many related webpages, images, videos .web pages are linked together through a system of hyperlink. ❖ The first web page of a website is called its Home page.eg www.google.com ❖ A <u>web browser</u> is a program that enables a user to access and interact with text, images, sound and other information located on web page of website on www. ❖ A <u>web server</u> is a computer program installed on a networked computer that serves requested HTML pages or files. ❖ <u>Hypertext markup language</u> is specially coded for giving information on websites. It is language through which presentation and data on the world wide web provides user friendly experience
------------------------------------	--

- ❖ **Web Address** - The internet has millions of computers attached to it. In order to communicate; every computer connected to the internet needs to have a unique address whose format is defined by the internet protocol (IP) addressing system.
- ❖ Basically 2 addressing systems are there



Uniform resource Locator

- <http://www.mysite.com:123/path/abc.html>

The above is the address by which a document or a web page or any other resource is identified on the web.

- [http](#) – It is an Internet service protocol which indicates the access rule to obtain the resource.
- www.mysite.com – This is the web address where the resource addressed above is stored.
- [123](#) – This is the port number of the service where the server listens for incoming list.
- [Path](#) – This is the directory where the resource being requested is located on the server.
- [abc.html](#) – This is the resource (an HTML/web page) being addressed.

TCP/IP

Two protocols that are commonly used on internet are IP(Internet protocol) and TCP(Transmission Control Protocol).It works on the principle of packet switching. When data is passed from one computer to another it break the data into pieces called packets .IP adds the IP address of the sender computer and that of the destination computer along with the data.

HTTP And HTTPS

HTTP is a communication protocol which is used to transfer all kinds of information like text, graphics, images, sounds, videos and other multimedia files on the Internet.

&

HTTPS is secured version of HTTP.It uses a method to ensure encrypted and secured communication between the user and web server. It is basically used in E-banking or E-commerce websites for payments.

Remote Login Protocols

Logging into another machine on the internet or any network is known as remote log in. SSH and TELNET are two remote log in protocols.

Secure Shell(SSH) –This protocol is secure method for remote login from one computer to another.It provides option for authentication and protects the security of the communication with strong encryption.

TELNET – TELetype NETwork is a protocol used on internet. It is the main Internet protocol for connecting with a remote computer and function as if he/she were connected directly to that computer.

File Transfer Protocols

FTP is commonly used to transfer web pages files from their author's computers (originating computer) to the computer that acts as the web server. It is also used to download programs and other files to your computer from other servers.SFTP and SCP are the two protocols under FTP.

SFTP – Secure File Transfer Protocol is a method of transferring files between two remote systems securely. It is an extension of SSH protocol.

SCP – Secure copy Protocol is a secured way of transferring files from one computer to a remote computer. It is supported on UNIX platforms and is not supported on other platforms yet.

NOTE: All work to be done in the computer note book

Dr.Rachana Nair
Director Academics.