

**SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE, PASCHIM VIHAR**

CLASS – X

ENGLISH WORKSHEET- 1

PROSE 01 - A LETTER TO GOD

GIVEN DATE : 19/3/2020

SUB DATE : 23/3/2020

SUMMARY

A Letter To God is a story of extreme faith in God. In this story, the writer has tried to depict the faith of a simple and hardworking farmer Lencho in God. Lencho was an honest farmer. He lived on a low hill along with his family. He was expecting a good harvest. All of a sudden, the hailstorm came and destroyed his crop completely. He was quite hurt He wrote a letter to God and demanded 100 pesos. Lencho had faith in God. He asked God to send him money. The postmaster saw the letter. He laughed loudly. Then he got serious and decided to help Lencho. He collected some money. He put it inside the envelope and sent it to Lencho. Lencho came to the post office to check his mail. The post office people gave him the envelope. Lencho opened the envelope. He took out the money and counted it. He found that it was less than what he had asked for. He got angry. He wrote another letter to God. He asked God to send him rest of the money. But he asked God not to send the money through the mail because the post office employees are a "bunch of crooks".

REFERENCE TO THE CONTEXT

A. Read the given extract and answer the questions that follow:

1. The house the only one in the entire valley - sat on the crest of a low hill. From this height one could see the river and the field of ripe corn dotted with the flowers that always promised a good harvest the only thing the earth needed was a downpour or at least a shower. Throughout the morning Lencho who knew his field intimately had done nothing else but see the sky towards the north-east.

"Now we're really going to get some water, woman."

The woman who was preparing supper, replied, "Yes, God willing"

- a. Where was the house situated?
- b. Which two things could one see from this height!
- c. What did the only thing the earth need?

Answer the following questions :

- 1 .Whom did Lencho write a letter? What did he ask for?
- 2 .Why did the postmaster send money to Lencho?
3. How far would you agree that one's positivity can bring in a spark of brightness even in adverse circumstances?
4. What was Lencho's reaction to find a letter with money in envelope?
5. How was the postmaster?
6. Why was Lencho angry ? What did he do?
7. Why does Lencho call the raindrops 'new coins'?
8. Why were Lencho and his family in distress? Whom did he ask for help?

CLASS – X
ENGLISH WORKSHEET- 2
SECTION- B (GRAMMAR)

GIVEN DATE : 20/3/2020

SUB DATE :21/3/202

NAME_____

CLASS_____

ROLL NO._____

Q1. Fill in gaps by choosing the most appropriate words from the options given below.

(1 × 4 = 4)

Dhyan Chand, the hockey wizard, was a soldier hailing (a) _____ a humble background. He said about (b) _____ moment when he learned of (c) _____ selection for the New Zealand tour in 1926, 'I ran like a hard to reach (d) _____ barracks and communicated the good news to my fellow soldiers. He was the elder brother of another hockey player Roop Singh.

- | | | | |
|---------------|-----------|-----------|---------|
| (a) (i) of | (ii) from | (iii) to | (iv) at |
| (b) (i) their | (ii) a | (iii) the | (iv) an |
| (c) (i) his | (ii) him | (iii) my | (iv) it |
| (d) (i) him | (ii) our | (iii) I | (iv) my |

Q2. The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction against each line of the passage.

(1 × 4 = 4)

CV Raman were born in Terichirapalli, Tamil Nadu. Soon her family moved to Vishakhapatnam at Andhra Pradesh and Raman pursued his education on Chennai Presidency College.

Incorrect

e.g. were

Correction

was

- | | |
|-----------|-------|
| (a) _____ | _____ |
| (b) _____ | _____ |
| (c) _____ | _____ |
| (d) _____ | _____ |

Q3. Rearrange the following groups of words and phrases to form meaningful sentences:

(1 × 4 = 4)

(a) drugs/invented/one/man/of/useful/is/penicillin/most/the

(b) by/its/heal/we/help/bacteria/can/with/wounds/caused

(c) few/in/use/this/discovery/beginning/the wonder/and/very/people/of knew/its

(d) lives/soldiers/it/of/of/thousands/hundreds/saved/the/of

**SANT NIRANKARI PUBLIC SCHOOL
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CLASS – X

ENGLISH WORKSHEET- 3

CH- NELSON MANDELA: LONG WALK TO FREEDOM

GIVEN DATE : 23/3/2020

SUB DATE :27/3/2020

SUMMARY

This lesson has been taken from the autobiography of Nelson Mandela "Long Walk to Freedom". Nelson Mandela, the first Black President of South Africa, after more than three centuries of white rule, celebrated the grand ceremony of the first democratic non-racial government. The African National Congress won 252 out of 400 seats in the first democratic elections in South Africa. Such type of victory was really a glorious moment for the people of this country. In his swearing ceremony, he said, "Never, never again shall it be that this beautiful land will again experience the oppression of one by another". It was the largest gathering on African soil. He pays homage to the freedom fighters like Oliver Tambo's, Luthulis, Yusuf Dadoos, Walter Sisulus, etc. They were men of courage, wisdom and generosity. He regards the death of thousands of people who sacrificed their lives for the cause of courage. It was not the absence of fear but the victory over it. On the oath ceremony, the important leaders from the world gathered on the morning of 10th May 1994. Two national anthems 'Die-Stem' and 'Nkosi Sikele-i-Afrika' were sung by the black and white respectively. He says that every man has his duties to his family, to the community and the country to perform honestly.

FROM THE CHAPTER

REFERENCE TO THE CONTEXT

A. Read the given extract and answer the questions that follow:

1. On that lovely autumn day I was accompanied by my daughter Zenani. On the podium, Mr de Klerk was first sworn in as second deputy president. Then Thabo Mbeki was sworn in as first deputy president

When it was my turn, I pledged to obey and uphold the Constitution and to devote myself to the well being of the Republic and its people.

- a. How was the day?
- b. Who accompanied Nelson Mandela on the inauguration?
- c. What did he pledge for?
- d. Who took the oath before Mandela?

B. Answer the following questions :

1. What unintended effect was produced by decades of oppression?
2. What troubled Nelson Mandela on becoming the President of South Africa ?
3. Write about the significance of May 10, 1994 for South Africa
4. What ideals does Mandela set out for the future of South Africa in his speech?
5. What did Nelson Mandela pledge when he was sworn in as the President?
6. What did Nelson Mandela remember on the day of inaugural ceremony?
7. Nelson Mandela, in his inaugural speech, used these phrases 'an extraordinary human disaster" What did he mean by that?

SANT NIRANKARI PUBLIC SCHOOL

AVTAR ENCLAVE, PASCHIM VIHAR

CLASS – X

ENGLISH WORKSHEET- 4

POEM 01- DUST OF SNOW

GIVEN DATE : 24/3/2020

SUB DATE :25/3/2020

SUMMARY

The poet is quite upset. He is sitting under a hemlock tree. Suddenly, a crow shakes the hemlock tree and the snow falls on the poet. The soft and cold touch of snow changes the poet's mood from despondency to happiness. He starts feeling refreshed. In this way a simple moment proves to be very significant and saves the rest of the day of the poet from being wasted and held in regret. The black crow is the symbol of death and fear. Since the crow is not associated with goodness, it is ironic that in this poem, it is doing a good deed by shaking off the snow.

The poet uses the elements of the fearsome crow and poisonous hemlock tree to do something good - shake the white, pure snow off the branches.

The poet also reiterates that the little things in life can make huge changes in our shows that if we can take the hard times of life in stride, eventually something will happen to change our situation into happier times. The simple things we do for others can make all the difference. Just think about those random acts of kindness we do and how much they brighten a person's day and sometimes change their future.

B. Answer these questions

1. How has the poet observed nature in the poem
2. What does the poet want to convey through the poem 'Dust of Snow'?
3. What side of nature do crow' and hemlock represent?
4. What mood of the poet is reflected in the poem?
5. How did the soft and cold touch of the snow change the poet?
6. Write a note on the setting of the poem.
7. Where was the poet and what happened to him?
8. What brought a sudden change in the flow of the poets mood?§

**SANT NIRANKARI PUBLIC SCHOOL
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CLASS – X

ENGLISH WORKSHEET- 5

POEM – FIRE AND ICE

GIVEN DATE : 25/3/2020

SUB DATE : 26/3/2020

SUMMARY

In the poem "Fire and ice", the poet talks about two different beliefs regarding the end of this world. Nothing is perishable. He says that he is in favour of those who say this world will end in fire as permanent. Everything is he has seen the effect and result of uncontrolled and unending desires. He finds the human desires the same as fire's picture. On the other hand, the second belief tells us that ice is sufficient for destroying this world and its nature. The poet compares the nature of ice with hatred. According to the poet, 'fire' stands for desire, greed, avarice or lust. The more you try to satisfy them, the more you grow. There is no end to it. They spread rapidly like fire and engulf your whole life. One becomes selfish and sometimes cruel too. On the other hand, 'ice' according to the poet, stands for hatred, coldness and rigidity. One becomes insensitive and indifferent towards the feelings of others. The poet says that both fire and ice are growing with such a rapid pace that the world would soon perish either way, in fire or in ice.

B. Answer the following questions :

1. What do you think would be enough to destroy the world?
2. What is the underlying idea of the poem Fire and Ice?
3. Which two ideas about how the world will end have been mentioned in the poem? Which idea does the poet support more?
4. According to the poet, what do 'fire' and 'ice' represent? Do you agree with him?
5. What is the rhyme scheme of the poem?
6. How does the poem depict the two contrasting ideas-'Fire' and 'Ice'?

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE, PASCHIM VIHAR
CLASS – X
ENGLISH WORKSHEET-6
CH- A TRIUMPH OF SURGERY

GIVEN DATE : 27/3/2020

SUB DATE : 30/3/2020

SUMMARY

Mrs. Pumphrey was a rich and emotional lady who had a cute pet called Tricky. She loved him so much that she overfed him. Tricky had put on a lot of weight which made him lethargic. When doctor Herriot saw the fat dog like a bloated sausage he was shocked. He made a plan and told Mrs. Pumphrey that Tricky needed treatment for an ailment which was possible only in hospital. The doctor knew that Mrs. Pumphrey would not be able to keep the dog on a proper diet. When the greedy dog went to the hospital, he had to remain hungry if he was slow to approach for food. He was given food at fixed intervals. Soon he shed off a lot of his body weight and became quite active.

When Tricky was at home he was pampered by Mrs. Pumphrey. He had a luxurious life when he was served with cream cake chocolate and horlicks. But when he came to the doctor he became all right. When Mrs Pumphrey saw her active dog she thanked the doctor and felt that it was a triumph of surgery.

A. Answer the following questions in 30-40 words:

1. How did Tricky become an accepted member of the gang and start enjoying the company of other dogs?
2. How did Mrs. Pumphrey show her concern for Tricky when he was at the surgery?
- 2 Mrs. Pumphrey said, " This is a triumph of surgery." What do you think about this statement
4. Do you think Mrs. Pumphrey must have changed her way of caring for Tricky? Why or why not?
5. What did Mrs. Pumphrey do when Tricky was in the hospital?

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE, PASCHIM VIHAR
CLASS – X
ENGLISH WORKSHEET- 9
CH-TWO STORIES ABOUT FLYING

GIVEN DATE : 2/4/2020

SUBMISSION DATE :6/4/2020

Part-1: His First Flight

SUMMARY

In 'His First Flight' the author has tried to show the need for courage and self-confidence to overcome fears in flight. The entire family members encouraged him to life. In this story the young seagull seems to be a coward. His other three elder brothers and sister had already flown, but of no avail. One day he mustered up fly but all went in vain. For this, he was harshly punished by his parents. He was left all alone on the ledge starving for 24 hours. Even then, he could not dare to fly. He cried with hunger. Mother took the final decision to put before him bait. This idea worked; he dived for a scrap of fish, Mother was high up in the sky and in the open air falling down and down. He opened his wings and found himself flying. This way he was taught to make his first flight. Hence, it can be said that parental encouragement and discipline play a pivotal role in shaping the destiny of the young children.

REFERENCE TO THE CONTEXT

A. Read the given extract and answer the questions that follow:

1. He stepped slowly out to the brink of the ledge, and standing on one leg with the other leg hidden under his wing, he closed one eye, then the other and pretended to be falling asleep. Still they took no notice of him. He saw his two brothers and his sister lying on the plateau dozing with their heads sunk into their necks. His father was preening the feathers on his white back. Only his mother was looking at him. She was standing on a little high hump on the plateau, her white breast thrust forward. Now and again, she tore at a piece of fish that lay at her feet and then scrapped each side of her beak on the rock

- a. What did the young seagull do out of his ledge!
- b. What was seagull's father doing?
- c. Where was the young seagull's mother standing?
- d. What did she tear?

B. Answer the following questions:

1. How did the young seagull's family celebrate his first flight
2. Why was the young seagull exhausted by the strange exercise
3. The sight of the food maddened him. Who is he in these lines?
4. How was the experience of young seagull's first flight?
5. Why could the young seagull not fly with his other siblings?
6. While alone on the ledge, how did the little seagull try to draw the attention of his family!
7. When did the seagull's flight begin? And where did it end?
8. When did the seagull get over his fear of the water?

**SANT NIRANKARI PUBLIC SCHOOL
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CLASS – X

ENGLISH WORKSHEET-10

CH- TWO STORIES ABOUT FLYING

GIVEN DATE : 4/4/ 2020

SUB DATE :8/4/2020

Part - II: Black Aeroplane

SUMMARY

In this story, the author narrates his own experiences. Once the narrator was on his way to England, He was in his old Dakota plane to England. He turned his plane 12 west towards England. The great storm cloud was ahead of him. He tried to enter into the cloud. Naturally, everything was turning black. He just wanted to have breakfast with his family, Paris was about 150 kilometres behind him. There was no sufficient fuel in the plane. That is why he decided to fly through the storm. But in the cloud, he could not see anything. All compass, radio, etc. stopped working. Another plane without lights came behind it and its pilot asked him to follow. After some time, the narrator came out of the clouds and found a runway. He was very happy. He just wanted to thank the pilot who helped him. But he was awestruck when he knew in the control room that there was no other plane of the radar.

REFERENCE TO THE CONTEXT

A. Read the given extract and answers the questions that follow:

1. Paris was about 150 kilometres behind me when I saw the clouds. Storm clouds. They were huge. They looked like black mountains standing in front of me across the sky. I knew I could not fly up and over them, and I did not have enough fuel to fly around them to the north or south

"I ought to go back to Paris." I thought, but I wanted to get home. I wanted that breakfast

a. What happened when the pilot was about 150 kilometres away from Paris

b. What does the author compare the clouds to ?

c. Who does refer to here?

d. Why was the narrator in a hurry?

B. Answer the following questions:

1.Explain the statement: 'I was very happy to go behind the strange aeroplane like an obedient child.

2."I'll take the risk "What is the risk?

3. Why did the pilot think of going back to Paris?
4. Which two options did the pilot of the Dakota plane have when he encountered the storm clouds on his way? What did he decide to do? Why?
5. Why could the woman in the control room not help the pilot of Dakota?
6. How did the pilot perceive the black clouds?
7. How did the black aeroplane rescue the first pilot?
8. Was the pilot of the Dakota able to meet the pilot of the black aeroplane?

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE
CLASS – X
WORKSHEET/ASSIGNMENTS
SUBJECT :HINDI

खंड 'क' अपठित अंश

1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर दिए गए प्रश्नों के उत्तर लिखिए।

हँसी भीतरी आनंद का बाहरी चिह्न है। जीवन की सबसे प्यारी और उत्तम से उत्तम वस्तु एक बार हँस लेना तथा शरीर को अच्छा रखने की. अच्छी-से-अच्छी दवा एक बार खिलखिला उठना है। पुराने लोग कह गए हैं कि हँसों और पेट फुलाओ। हँसी कितने ही कला-कौशलो से भली है। जितना ही अधिक आनंद से हँसोगे उतनी ही आयु बढ़ेगी। एक यूनानी विद्वान् कहता है कि सदा अपने कर्मों पर खीझने वाला हेरीक्लेस बहुत कम जिया, पर प्रसन्न मन डेमोक्रीट्स 109 वर्ष तक जिया। हँसी-खुशी का नाम जीवन है। जो रोते हैं उनका जीवन व्यर्थ है। कवि कहता है- 'जिंदगी जिंदादिली का नाम है, मुर्दा दिल क्या खाक जिया करते हैं। मनुष्य के शरीर के वर्णन पर एक विलायती विद्वान् ने पुस्तक लिखी है। उसमें वह कहता है कि उत्तम सुअवसर की हँसी उदास-से-उदास मनुष्य के चित्त को प्रफुल्लित कर देती है। आनंद एक ऐसा प्रबल इंजन है कि उससे शोक और दुख की दीवारों को ढा सकते हैं। प्राण रक्षा के लिए सदा सब देशों में उत्तम-से-उत्तम उपाय मनुष्य के चित्त को प्रसन्न रखना है। सुयोग्य वैद्य अपने खोल के कानों में आनंदरूपी मंत्र सुनाता है। एक अंग्रेज डॉक्टर कहता है कि किसी नगर में दवाई लदे हुए बीस गधे ले जाने से हँसोड़ आदमी को ले जाना अधिक लाभकारी है।

(क) हँसी भीतरी आनंद को कैसे प्रकट करती है? (2)

(ख) पुराने समय में लोगों ने हँसी का महत्व क्यों दिया? (2)

(ग) हँसी को एक शक्तिशाली इंजन के समान क्यों कहा गया है? (2)

(घ) हेरीक्लेस और डेमोक्रीट्स के उदाहरण से लेखक क्या स्पष्ट करना चाहता है? (2)

(ङ) प्रस्तुत गद्यांश का उचित शीर्षक दीजिए। (1)

(च) हेरीक्लेस कितने वर्ष जिया? (1)

कार्य पत्रिका

पाठ-1 (बड़े भाई साहब)

प्रश्न - उत्तर

1. निम्नलिखित प्रश्नों के उत्तर (40-50) शब्दों में दीजिए।
- लेखक की सोच किन कार्यों में थी?
 - बड़े भाई साहब मन की इच्छाएँ क्यों दबाते थे?
 - बड़े भाई साहब विभाग को आराम देने के लिए क्या करते थे?
 - छोटे भाई ने बड़े भाई साहब के नरम व्यवहार का क्या फायदा उठाया?
 - बड़े भाई साहब छोटे भाई को क्या सलाह देते थे और क्यों?
 - बड़े भाई साहब के अनुसार घमंड क्यों नहीं करना चाहिए।

2. निम्नलिखित प्रश्नों के उत्तर (60-80) शब्दों में दीजिए।

- बड़े भाई साहब के अनुसार जीवन की समझ कैसे आती है?
- बड़े भाई साहब की स्वभावगत विशेषताएँ बताइए।
- बड़े भाई साहब पाठ में लेखक ने समूची शिक्षा के किन तौर-तरीकों पर व्यंग्य किया है?
- बड़े भाई की डाँट-फटकार न मिलती तो क्या छोटा भाई कक्षा में अडबल आता? अपने विचार प्रकट कीजिए।

प्रकृत दिनांक - 19.3.2020

(भाषणदाता)

जमा करने की दिनांक - 21.3.2020

संत निरंकारी पाठलक स्कूल
 अवतार सन्-न लेव
 कक्षा - दसवीं
 विषय - हिंदी

कार्य पत्रक

पाठ - २ डायरी का पन्ना

1. निम्नीलिखित प्रश्नों के उत्तर दीजिए।
 - (i) कलकत्तावासियों के लिए २६ जनवरी १९७३ का दिन क्यों महत्वपूर्ण था?
 - (ii) २६ जनवरी १९७३ के दिन को अमर बनाने के लिए क्या-क्या तैयारियाँ की गईं?
 - (iii) पुलिस कमिश्नर के नोटिस और कौंसिल के नोटिस में क्या अंतर था?
 - (iv) डा० दास श्रुता जूलूस में घायल लोगों की फोटो क्यों उतखा रहे थे?
 - (v) पुलिस ने बड़े-बड़े पार्कों और मैदानों को क्यों घेर लिया था?

२. दीर्घ-उत्तरीय प्रश्न

- (i) सुभाष बाबू के जूलूस में स्त्री समाज की क्या भूमिका थी?
- (ii) बहुत से लोग घायल हुए बहूतों को लॉक-अप में रखा गया, बहुत-सी स्त्रियाँ जेल गईं फिर भी इस दिन को अपूर्व बताया गया है। आपके विचार में यह सब अपूर्व क्यों है? अपने शब्दों में लिखिए।

3. भाषिक कार्य

यथानिर्दिष्ट वाक्यरूपांतरण कीजिए।

- (i) रौं रौं आरसियों का लज्जत बाल बाजार गया

- (ii) मैदान में हज़ारों आदिमियों की भीड़ होने लगी (सरल)
और लोग तोलियाँ बना-बनाकर मैदान में धूमने लगे।
- (iii) सुभाष बाबू को पकड़ लिया गया और गाड़ी में
बैठाकर लालवाजार लोकअप में भेज दिया गया।

(सरलवाक्य)

प्रयत्न दिनांक - 3.4.2020
(give date)

जमा करने की दिनांक - 5.4.2020
(Submission date)

संत निरंकारी पीठलक स्कूल

अवतार एन्बलेव

कक्षा - दसवीं

विषय - हिंदी

कार्यपत्रिका

लेखन क्षमता

1. अनुच्छेद

समय की उपयोगिता

संकेत बिंदु - • समय ही जीवन है • समय निरंतर गतिशील है • समय का सदुपयोग आवश्यक

2. कोरोना वायरस से बचाव हेतु एक विज्ञापन तैयार कीजिए।

प्रदत्त दिनांक

(Give date) 27.3.2020

जमा करने की तिथि

(Submission date) 29.3.2020

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE, PASCHIM VIHAR
CLASS X

P+C WORKSHEET- I
BALANCING THE EQUATION

NAME: _____

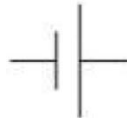
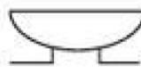
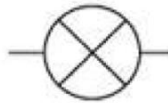
M.M. 20

- 1) _____ Na_3PO_4 + _____ KOH \rightarrow _____ NaOH + _____ K_3PO_4
- 2) _____ MgF_2 + _____ Li_2CO_3 \rightarrow _____ MgCO_3 + _____ LiF
- 3) _____ P_4 + _____ O_2 \rightarrow _____ P_2O_3
- 4) _____ RbNO_3 + _____ BeF_2 \rightarrow _____ $\text{Be}(\text{NO}_3)_2$ + _____ RbF
- 5) _____ AgNO_3 + _____ Cu \rightarrow _____ $\text{Cu}(\text{NO}_3)_2$ + _____ Ag
- 6) _____ CF_4 + _____ Br_2 \rightarrow _____ CBr_4 + _____ F_2
- 7) _____ HCN + _____ CuSO_4 \rightarrow _____ H_2SO_4 + _____ $\text{Cu}(\text{CN})_2$
- 8) _____ GaF_3 + _____ Cs \rightarrow _____ CsF + _____ Ga
- 9) _____ BaS + _____ PtF_2 \rightarrow _____ BaF_2 + _____ PtS
- 10) _____ N_2 + _____ H_2 \rightarrow _____ NH_3
- 11) _____ NaF + _____ Br_2 \rightarrow _____ NaBr + _____ F_2
- 12) _____ $\text{Pb}(\text{OH})_2$ + _____ HCl \rightarrow _____ H_2O + _____ PbCl_2
- 13) _____ AlBr_3 + _____ K_2SO_4 \rightarrow _____ KBr + _____ $\text{Al}_2(\text{SO}_4)_3$
- 14) _____ CH_4 + _____ O_2 \rightarrow _____ CO_2 + _____ H_2O
- 15) _____ Na_3PO_4 + _____ CaCl_2 \rightarrow _____ NaCl + _____ $\text{Ca}_3(\text{PO}_4)_2$
- 16) _____ K + _____ Cl_2 \rightarrow _____ KCl
- 17) _____ Al + _____ HCl \rightarrow _____ H_2 + _____ AlCl_3
- 18) _____ N_2 + _____ F_2 \rightarrow _____ NF_3
- 19) _____ SO_2 + _____ Li_2Se \rightarrow _____ SSe_2 + _____ Li_2O
- 20) _____ NH_3 + _____ H_2SO_4 \rightarrow _____ $(\text{NH}_4)_2\text{SO}_4$

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE, PASCHIM VIHAR
CLASS X
P+C WORKSHEET- I
CIRCUIT DIAGRAM

NAME: _____

Match up the symbols with their correct picture and name by a drawing a line:



two cells

switch on

cell

switch off

bulb

buzzer

motor

Sant Nirankari Public School, AE
Class 10 Biology
Chapter- Control and Co-ordination
Worksheet 3
Given date- 06-04-20.
Submission date- 08-04-20

CONTROL AND COORDINATION

- Q1 Distinguish between receptor and effector organ.
- Q2 What is the functional unit of our nervous system? Describe its structure.
- Q3 Define nerve impulse. Which structure in a neuron helps to conduct a nerve impulse i) towards the cell body? ii) away from the cell body?
- Q4 How does nervous tissue cause action?
- Q5 What are the various functions of the brain?
- Q6 What is reflex action? How it differs from normal functions of the brain?
- Q7 Trace the events occurring in a reflex action such as sneezing?
- Q8 Do the plants have a nervous system? If no, then how plants perform the function of control and coordination?
- Q9 What are the different types of movements in plants? Describe them giving one example each.
- Q10 Write about some plant hormones and their function.

GIVEN DATE: 28/3/2020

SUBMISSION DATE: 31/3/2020

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE, PASCHIM VIHAR
CLASS X
BIO WORKSHEET- I
CH- LIFE PROCESS

NAME: _____

M.M. 20

- 1 Differentiate between photosynthesis and respiration. (3)
- 2 How exchange of gases takes place in plants? (3)
- 3 List any three functions of blood. (3)
- 4 Draw and label human respiratory system. (4)
- 5 Correct the false statement (7)
 - a) The walls of the atrium are thicker than the ventricles.
 - b) The oxygen carrying blood goes into left auricle.
 - c) Valves open on both the sides.
 - d) Xylem transport food materials.
 - e) Phloem transport water and minerals.
 - f) The blood circulation in man is of open type in man.
 - g) The autotrophic mode of nutrition is seen in human beings.

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE, PASCHIM VIHAR
CLASS X

P+C WORKSHEET- I

CH- CHEMICAL REACTION AND EQUATION

NAME: _____

M.M. 20

1. Match the following with correct response. **(1)**

(1) Combination reaction	(A) $ZnO + C \rightarrow Zn + CO$
(2) Decomposition reaction	(B) $2H_2O \rightarrow 2H_2 + O_2$
(3) Displacement reaction	(C) $2Mg + O_2 \rightarrow 2MgO$
(4) Redox reaction	(D) $Fe + CuSO_4 \rightarrow FeSO_4 + Cu$

- a. 1-D, 2-A, 3-C, 4-B
b. 1-C, 2-B, 3-D, 4-A
c. 1-B, 2-D, 3-A, 4-C
d. 1-A, 2-C, 3-B, 4-D

2. The chemical formula of lead sulphate is **(1)**

- a. Pb_2SO_4
b. $PbSO_4$
c. $Pb_2(SO_4)_3$
d. $Pb(SO_4)_2$

3. The color of zinc metal is **(1)**

- a. Red dish brown
b. silvery
c. white
d. Grey

4. When you place an iron nail in copper sulphate solution, the reddish-brown coating formed on the nail is **(1)**

- a. copper
b. iron
c. iron sulphate
d. copper sulphate

5. Oil and fat containing food items are flushed with nitrogen. Why? **(1)**
6. What happens when copper powder is heated? **(1)**
7. Why are food items packed in aluminium foils? **(1)**
8. Predict whether gold can displace copper from copper sulphate solution. **(3)**
9. What does one mean by exothermic and endothermic reactions? Give examples. **(3)**
10. What is double displacement reaction? **(3)**
11. In the reaction $\text{PbS (s)} + 4\text{H}_2\text{O}_2(\text{aq}) \rightarrow \text{PbSO}_4(\text{s}) + 4\text{H}_2\text{O (l)}$, which is oxidizing agent and which is reducing agent? **(4)**

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE
CLASS: X
SUBJECT: MATHS
WORKSHEET -1

CH-2(POLYNOMIALS) AND CH-15(PROBABAILITY)

Q1. Find a polynomial whose zeroes are 0 and 5.

Q2. Find all the zeroes of $2x^4 - 3x^3 - 3x^2 + 6x - 2$, if you know that two of its zeroes are $\sqrt{2}$ and $-\sqrt{2}$.

Q3. If one of the the zeroes of the quadratic polynomial $p(x) = 2x^2 + kx - 12$ is -4 , find the value of k .

Q4. Find a quadratic polynomial the sum and the product of whose zeroes are $\sqrt{2}$ and $-3/2$, respectively. Also, find its zeroes.

Q5. Find the of zeroes of $y^2 - 3y - 4$, and verify the relationship between the zeroes and the coefficients.

Q6. Divide $3y^2 + 5y - 1$ by $(y-1)$.

Q7. If the remainder on division of $x^3 + 2x^2 + kx + 3$ by $(x-3)$ is 21, find the quotient.

Q8. What must be added to $x^3 - 3x^2 - 12x + 19$,

so that the result is exactly divisible by

$x^2 + x - 12$?

Q9. Find the values of m and n , so that $a^2 - 4$ is

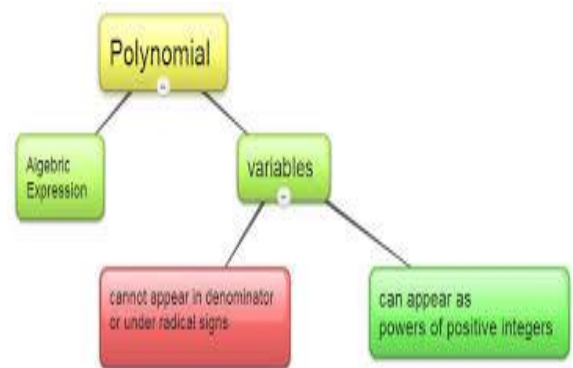
a factor of $ma^4 + 2a^3 - 3a^2 + na - 4$.

Q10. If α, β are zeroes of polynomial

$f(x) = x^2 + px + q$, then find the polynomial having zeroes as $1/\alpha, 1/\beta$.

Q11. Divide $2x^2 + x - 20$ by $(x + 3)$ and verify the result by division algorithm

Q12. If α and β are the zeroes of polynomial $p(x) = 3x^2 + 2x + 1$, find the polynomial whose zeroes are $(1 - \alpha) / (1 + \alpha)$ and $(1 - \beta) / (1 + \beta)$.



Q13 All the three face cards of spades are removed from a well-shuffled pack of 52 cards. A card is then drawn at random from the remaining pack. Find the probability of getting

(i) a black face card,

(ii) a queen,

(iii) a black card.

Q14 Write sample space of the following experiments

(i) throwing of two dice

(ii) tossing of three coins

(iii) drawing of a card from deck of 52 cards.

**SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE
CLASS - X
WORKSHEET/ASSIGNMENTS
SUBJECT: SST**

INDIA AND THE CONTEMPORARY WORLD - II

Given: 19/03/2020

Submission: 21/03/2020

HISTORY - CHAPTER 1

**Worksheet - 1
The Rise of Nationalism in Europe**

I Very Short Answer Type Questions

1. Who was Frederic Sorrieu?
2. In which year did Frederic Sorrieu prepare a series of four prints?
3. Which famous French artist had prepared a series of four prints visualizing his dreams of a world?
4. What brought sweeping changes in the political and mental world of Europe in the 19th century?

II Short Answers Type Questions

1. Differentiate between the concept of a modern state and a nation state.
2. How did the sense of common identity develop in Europe?

III Long Answers Type Questions

1. Write a short note on the rise of nationalism in Europe.
2. What is Nation? Explain it.

**SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE
CLASS - X
WORKSHEET/ASSIGNMENTS
SUBJECT: SST**

Given: 21/03/2020

Submission: 23/03/2020

HISTORY - CHAPTER 1

**Worksheet - 2
The Rise of Nationalism in Europe
The Making of Nationalism in Europe**

I Very Short Answer Type Questions

1. What was the main objective of the Treaty of Vienna of 1815?
2. Who hosted the Congress of Vienna in 1815?

II Short Answers Type Questions

1. How was the Treaty of Vienna of 1815 implemented? Explain with examples.
2. Why were the European governments driven by a spirit of conservatism?

III Long Answers Type Questions

1. In many European countries, a revolution led by the educated middle classes was underway in the year 1848. Explain with suitable examples.
2. "The Habsburg Empire that ruled over Austria-Hungary was a patchwork of many different regions and people" Justify the statement with suitable examples.

**SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE
CLASS - X
WORKSHEET/ASSIGNMENTS
SUBJECT: SST**

Given: 28/03/2020

Submission: 30/03/2020

HISTORY - CHAPTER 2

**Worksheet - 3
Nationalism in India**

Based on Complete Chapter

I Very Short Answer Type Questions

1. Name the two Indian leaders between whom the Poona Pact was signed.
2. What were Gandhiji's apprehensions regarding the grant of separate electorates to the Dalits?
3. Why did the business classes in India participate in the Civil Disobedience Movement?
4. Why did the tribal peasants participate in the Non-Cooperation movement?
5. Who wrote Vande Mataram? What is it?

II Short Answers Type Questions

1. Mention any three efforts made by Gandhiji to get Harijans their rights.
2. The First World War created a new economic and political situation. Explain?
3. Explain the circumstances under which Gandhiji decided to call off the Civil Disobedience Movement in 1931.

III Long Answers Type Questions

1. "Nationalism spreads when people begin to believe that they are all part of the same nation." Support the statement.
2. Write a brief description of Gandhiji's contribution to the Indian freedom struggle.

**SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE
CLASS - X
WORKSHEET/ASSIGNMENTS
SUBJECT: SST**

Given: 26/03/2020

Submission: 28/03/2020

GEOGRAPHY - CHAPTER 1

**Worksheet - 4
Resource and Development**

Based on Complete Chapter

I Fill in the blanks

1. Laterite has been derived from the Latin word 'later' which means _____.
2. The lower horizons of the soil are occupied by _____.
3. The land becomes unfit for cultivation and is known as _____.
4. Average annual household income in Sukhomajri ranged from _____ between 1979 and 1984.

II Very Short Answer Type Questions

1. What is the other name of black soil?
2. Where is red and yellow soil found?
3. What are community owned resources?

III Short Answers Type Questions

1. What is soil erosion?
2. What is Exclusive Economic Zone?

IV Long Answers Type Questions

1. How have technical and economic development led to more consumption of resources?
2. What is soil conservation? Explain any three methods of soil conservation suitable to Indian conditions.

SANT NIRANKARI PUBLIC SCHOOL

AVTAR ENCLAVE PASCHIM VIHAR

CLASS : X

SUBJECT : INFORMATION TECHNOLOGY (402)

UNIT – 1 COMMUNICATION SKILLS - II

DATE: 24/03/2020

SUBMISSION DATE: 31/03/2020

SESSION – 1 VARIOUS METHOD OF COMMUNICATION



EXERCISE

Answer the following questions in brief:

1. What do you mean by oral communication?
2. List the things we should keep in mind while communicating orally.
3. How does body language influence our communication positively?
4. How does body language influence our communication negatively?
5. Explain the role of non-verbal communication in our day to day communication.
6. What are the importance and limitations of visual communication?
7. List the meaning of any 10 signs and symbols you have seen around in public places.

SESSION – 2 PROVIDING AND RECEIVING FEEDBACK



EXERCISE

Answer the following questions in brief:

1. What is the role of feedback in communication cycle?
2. How should we perform feedback gathering during communication cycle?
3. List 4 examples of providing feedback.
4. List the advantages of feedback in brief.
5. List 4 major skills of giving and receiving feedback.
6. What is the basic difference between specific and general feedback?

SESSION – 3 COMMUNICATION BARRIERS AND ITS MEASURES



EXERCISE

Answer the following questions in brief:

1. Is it true that every communication may have certain barriers? How?
2. How do communication barriers adversely affect communication cycle?
3. List certain major communication barriers in day to day communication.
4. List major ways to overcome common communication barriers.
5. List some day-to-day real life communication barriers you have observed.
6. How does body language pose barriers in communication? How can we take care of it?

SANT NIRANKARI PUBLIC SCHOOL
AVTAR ENCLAVE PASCHIM VIHAR
CLASS : X
SUBJECT : INFORMATION TECHNOLOGY (402)
UNIT – 1 COMMUNICATION SKILLS - II

DATE: 02/04/2020

SUBMISSION DATE: 08/04/2020

SESSION – 4 PRINCIPLES OF EFFECTIVE COMMUNICATION



EXERCISE

Answer the following questions in brief:

1. How can you say that a communication done is effective? Take a small example.
2. What factors determine an effective communication?
3. List any 5 characteristics of effective communication.
4. List 7 Cs of effective communication.

SESSION – 5 BASIC WRITING SKILLS



EXERCISE

A. Identify the types of phrase in the following paragraph:

Lata was pleasantly surprised on meeting her friend Anu at the airport. Anu had been sitting in the waiting lounge when Lata spotted her. They both shared a lot of experiences of their exciting lives after marriage. Anu said that time flew very fast. They boarded the same flight bound to Mumbai.

B. Identify the parts of speech in the following paragraph:

There was a girl named Anna who lived with her poor mother. On the occasion of new year, her mother thought of buying Anna a set of colourful ribbons since Anna had beautiful, long hair. Anna loved her mother very much. She was also thinking of buying a beautiful gift for her mother. Her mother used to sew clothes for the villagers. She had a set of needles and threads which was too old. Anna wished to buy a new set of needles and threads encased in a shining new glass box for her mother but she did not have enough money. Suddenly, she got an idea. On the eve of new year, Anna's mother called her and said, "Look Anna, what have I got for you, a set of hair ribbons!" Anna said, "Wow! mother, they are really beautiful but alas!" Saying this she removed her cap and showed her short hair and said, "Mother, I bought this set of new needles and threads for you by selling my long hair to the barber."



EXERCISE

A. Identify main clause and conjunctions in following Complex Sentences:

1. The science show was very interesting, as I expected.
2. Now that he's rich and famous, people like even his idiosyncrasies.
3. Even though he trained thoroughly, he still could not win the race.
4. Since winter is coming, I think I'll knit a warm sweater, because I'm always cold.
5. When she was younger, she believed in fairy tales.

B. How can you say that following sentences are compound sentences:

1. She walked to class, but Ravi ran.
2. I like pizza, but my brother likes green vegetables.
3. The nurse held up a doll, and the little girl giggled.



EXERCISE

A. Fill in the blanks with the suitable article:

1. He picked up _____ book kept on the table.
2. _____ Indian Ocean is a huge water body.
3. My uncle is _____ MP.
4. My father gave me _____ hundred rupees note.
5. I am staying in _____ Taj Hotel.

B. Is there anything wrong with these sentences? Why?/ Why not?

1. My brother plays cricket.
2. She likes chocolates.
3. Everything that glitters is not gold.
4. I returned the book to Ram.
5. Breakfast is ready.
6. My favourite colour is blue.

Activity ...

Write a short paragraph about **Importance of English language in modern world.**



EXERCISE

Write a paragraph with a topic on the following hints:

traveling... a good hobby... opportunity to visit new places.... make friends in far places... to learn about various cultures.... good for health.... can write about places travelled.... blog... articles.... develops understanding.... inculcates good habits... patience... care.... love and concern... improves personality....expensive hobby... needs a lot of time...