

SAINIK SCHOOL IMPHAL
SUMMER VACATION
HOMEWORK/ASSIGNMENT
CLASS IX
2023-24

SUBJECT: COMPUTER APPLICATIONS (165)

Instructions:

- Homework/Assignment should be done in A4 size paper. Please write only on one side of the page.
- Minimum no. of pages required is 13 pages.
- **The complete assignment should be hand written.** Printing of assignment is not allowed. One topic should be written in one page only.
- Search the topics in Internet.

I. Write an assignment on the various computer Terminologies. The following terminologies should be included:

- CPU
- Storage Devices
- Printer
- Wi-Fi
- Bluetooth
- System Software
- Cyber Bullying
- Cyber Stalking
- Malware
- Adware

The sequence of the assignment should be as follows:

- Cover Page
- Contents
- Introduction
- Explaining the various topics

Details are given below.

Cover Page

“Computer Terminologies”

Summer Vacation Assignment: 2023-24

Submitted By:

Cdt

Adm No

Class... Section ...

Submitted To:

Sir Tiken

TGT Computer Science

SAINIK SCHOOL IMPHAL

2nd Page

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Introduction

Introduction

(Write a short note on Computer Systems in about 200 words)

CPU

(Explain in detail about the CPU in this page in about 200 words.)

Storage Devices

(Explain in detail about the Storage Devices in this page in about 200 words.)

Printer

(Explain in detail about the Printer in this page in about 200 words.)

Wi-Fi

(Explain in detail about the Solaris Operating System in this page in about 200 words.)

Bluetooth

(Explain in detail about the Symbian Operating System in this page in about 200 words.)

System Software

(Explain in detail about the System Software in this page in about 200 words.)

Cyber Bullying

(Explain in detail about Cyber Bullying in this page in about 200 words.)

Cyber Stalking

(Explain in detail about the Cyber Stalking in this page in about 200 words.)

Malware

(Explain in detail about the Malware in this page in about 200 words.)

Adware

(Explain in detail about the Adware in this page in about 200 words.)

Subject-Biology (Gen Sc)

Draw the following diagrams

1.fig.5.1

2.fig.5.4

3.fig.5.5

4.fig.5.6

5.fig.5.7

6 fig. 5.8

7.fig.6.3

8.fig.6.4

9.fig.6.5

10.fig.6.7

11.fig.6.9

12.fig.6.10

13.fig.6.11

14.fig.6.12

cadets are advised to use A4 size paper

Class 9 B

CHEMISTRY

- a) What are the characteristics of particles of matter?
- b) State
 - (i) Latent heat of vapourisation?
 - (ii) Latent heat of Fusion.
- c) What is Evaporation? What are the factors affecting evaporation?
- d) What is a mixture? What are the different types of mixture?
- e) Why are we able to sip hot tea or milk faster from a saucer rather than a cup?
- f) Give reasons
 - i) Why gas fills completely the vessel in which it is kept.
 - ii) We can move easily move our hand in air but to do the same through a solid block of wood we need a karate expert.
 - iii) Why Ice floats on water

Mr.L.Manoranjan Roy

TGT Gen.Sc

Mathematics

Vacation Homework

Make a thorough notes on the theory parts of:

- (a) Number System
- (b) Euclids Geometry
- (c) Surface area and volume

Subject Teacher: - THOKCHOM MENEKA DEVI

Subject: Manipuri

Section A : - Project / Topic

Manipurda leikai leikaida ngnagraba paurou amadi praman pantheigi maramda khomjilaba paurou amadi praman pantheigi oiba lairik macha ama semmu.

Section B : - Creative Writing

1. Nahakki school base touduna wari macha ama eyu
2. Nashagi pukningna sagattuna sheireng ama eyu

Section C: - Home work based on Text Book for BOSEM

(a) Chapter 1: - Kabina Kari maram gidamak mingchatpu koithi thiribano

(b) Chapter 2: - Kabina Ningkhair haina hairiba maphmsi kadai –
kadaiwaidno?

(c) Chapter 3: - Grammar portion: - Manipurda phangba wahei arum ayang
leiba wahei 40 gi maramda sijinnapham taktuna erak uh.

Subject : Physics

Q.1 Define the term physical quantity with any two examples.

Q.2 Differentiate between scalar quantity and vector quantity.

Q.3 Differentiate between distance and displacement.

Q.4 Draw the D-T graph of following situations.

- (a) The body is at rest.
- (b) The acceleration of the body is equal to zero.
- (c) When the body is in non-uniform motion with increasing speed
- (d) When the body is in non-uniform motion with decreasing speed

Note:

- a) Use separate Note book for vacation work.
- b) Try to do your vacation work by yourself.
- c) Writing and drawing D-T graph should be very good and neat.

Social Science

Teacher: PD James & Th. Thoiba

Class IX (History & Political Science)

Q.1 Name the famous Viceroys of British India with their reforms introduced by them.

Q.2 Name the important events in the world history i.e., battles, wars, treaties, movements, etc.

Q.3 What are the salient features of the Constitution of India?

Q.4 What is a bill? How does a bill become a law in the parliament?

Q.5 In which articles of the Indian Constitution the fundamental rights are mentioned?

Class IX (Geography)

Q.1 Write one project on "Drought" in A4 size paper within 10 pages manuscript and use one side of each paper only.

Sub: Chemistry

1. To get the smell of an unlit incense stick, we have to bring it very close to the nose. We can get the smell of a lighted incense stick sitting at a distance. Give reason.
2. Give reasons for the following observation: The smell of hot sizzling food reaches you several metres away, but to get the smell from cold food you have to go close.
3. Liquids generally have lower density as compared to solids. But you must have observed that ice floats on water. Find out why.
4. Suggest a method to liquefy atmospheric gases.
5. How does the water kept in an earthen pot (matka) become cool during summer?
6. Why it takes longer time to cook food in a high-altitude area/hill area?
7. What is boiling point? What is the effect of altitude on the boiling point of a liquid?
8. Why do we see water droplets on the outer surface of a glass containing ice-cold water?
9. How would you confirm that a colourless liquid given to you is pure water?
10. Learn and write the symbol and atomic number of elements.

Note: If you have any doubt in question and answer you can contact me

A Sochen singh
Sainik School Imphal

Subject: Manipuri

Subject Teacher: M Jiten Singh

1. ক্ষীয়স্বৰ্গে ক্ষীৰ স্ৰেণীৰ লক্ষণৰ আলাপনা কৰাওৱাৰে ৷
2. ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ৷
 - a) উষ্ণৰে প্ৰস্তুত কৰা ক্ষীৰৰ বৈশিষ্ট্য ৷ (Lesson-উষ্ণৰেণীৰ)
আলোচনা কৰাওৱাৰে , স্ৰেণীৰ বৈশিষ্ট্য ৷
 - b) ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে , আলাপনা (Lesson-আলাপনা)
ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ৷
3. গাভীৰ ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ? ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ? ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ৷
4. ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ? ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ? ক্ষীৰৰ বৈশিষ্ট্যৰ ওপৰত আলোচনা কৰাওৱাৰে ৷

Sl No.

Vacation Home work/Project

Subject Teacher
N Gunachandra Singh, TGT-Hindi

चित्र लेखन/Picture Writing

1.



2.



निर्देश/
Direction

क) उपर्युक्त चित्रों का वर्णन 50-60 शब्दों लिखिए/ Write the above pictures in 50-60 words.

Class 9A
English Vacation Homework

Q1. Write a book review in about 100-120 words.

You can review books on the authors like Roald Dahl, Enid Blyton, Arthur Conan Doyle, Ruskin Bond, Sudha Murthy, RK Narayan, Charles Dickens, Saki etc.

Q2. Speak in a topic about 2 mnts. The video should be uploaded in nonida.ssimphal@gmail.com

Choose any from the given below:

1. I am sad when....
2. The last time I broke a rule...
3. What if I am the HouseMaster of Sainik School Imphal
4. What if I turn into my favourite celebrity...
5. Something I love to have...
6. What if I am inside the gaming world?
7. A walk in the woods...

Q3. Write antonym and synonym of the following words

Wilt, Uncouth, Spry, Quaint, Perturbed, Novice, Ingenuous, Heretic, Hypocrisy, Epitome

Vacation Assignment

Class IX B

Subject: English

- A. Select a book from the options given below to write a book review in your English Homework Copy. In order to ensure that every cadet genuinely reads please bring the book of review when you report back to school after summer break.
- i) Who moved my cheese? Dr Spencer Johnson
 - ii) I hid my voice. Parinoush Saniee
 - iii) Big Magic. Creative living beyond fear. Elizabeth Gilbert
- B. Starting from April 1st till 10th May write 10 new words/ its part of speech/ synonym/ antonym and make a sentence using it.
- C. For Grammar read
- i) Reported Speech, its rules regarding Assertive and Interrogative sentence.
 - ii) Modals.
 - iii) Subject- verb agreement.
 - iv) Articles.