SAINIK SCHOOL IMPHAL
SUMMER VACATION HOMEWORK: 2021-22
CLASS VIII

SAINIK SCHOOL IMPHAL
SUMMER VACATION ASSIGNMENT/HOMEWORK FOR CLASS VIII: 2021-22

Subject: Computer Science

Name of Teacher: Sapam Tiken Singh

I. Answer the following questions based on Chapter 1: Operating System and Graphical User Interface.

1. Explain the difference between a hardware and a software.
2. How does an application software differ from a system software?
3. Write a short note on your understanding of an operating system.
4. Why do we need an operating system?
5. What are the various functions of an operating system?
6. What do you understand by the term user interface? Name its various types.

II. Make a PowerPoint presentations on the types of Operating System and commonly used Operating System (both for PC and Mobile phone). The presentation should have a minimum of 15 slides. Mention your Name, Adm No, Class and Section in the first slide. The presentation should be email to tiken4.ssimphal@gmail.com before 31 May 2021.

II. Answer the following questions based on Chapter 2: Spreadsheets- Functions and Charts

1. What is an Active Cell?
2. What is a Cell Address?
3. What is a Formula Bar?
4. What is the purpose of Name Box?
5. Explain the different types of data found in MS Excel? Explain all the types of data in detail.
6. How will you select non-sequential cells in a spreadsheet?
7. Write the steps to name a range of cells.
8. Write the steps to rename a worksheet.
9. Write the steps to delete a worksheet.
10. Explain the four types of operators in MS Excel. Write the operators for all the types.
11. Differentiate between Relative addressing and Absolute addressing.

Q 1. Read the lesson "How The Camel Got His Hump". After reading the lesson, make lists of the following parts of speech:

Noun, Adjective and Adverb (at least five for each)

Q 2. Frame charts in A4 paper showing different kinds of Noun case and Pronoun.

Q 1. Give examples of things that we may wonder about in present situation.

Q 2. Write an article about the dangerous effect of Covid-19 pandemic in the normal functioning of all the established institutions.

Q 3. Prepare a report on the importance of Archives in the preservation of valuable documents.

Q 4. Along with a present-day political map of India identify the different parts of India that were not under British rule.

ग्रीष्मावकाश कार्य (Vacation Summer home work)

Q1) मशीनी युग मे अनेक परिवर्तन आए दिन होते रहते है। आप अपने आस-पास से इस प्रकार के किसी परिवर्तन का उदाहरण चुनिए और उसके बारे मे लिखिए।

Q2) आज पक्षियों को पर्यावरण से क्या खतरा है? पाँच पक्षियों के चित्र बनाकर उनके बारे मे दस पंक्तियाँ लिखिए।

Q3) 'प्रकृति' पर दो कविताएँ अपने शब्दों मे लिखिए।

Q4) किसी भी औषधीय पौधे (Medicinal Plant) या जड़ी-बूटी (herbs) पौधे को गमले मे लगाइए और उसकी समुचित देखभाल करे। आपको पता होना चाहिए कि उन पौधों का स्वास्थ्य पर क्या लाभ है। पाँच वाक्यों मे उसके लाभ लिखिए तथा स्कूल खुलने पर गमले को साथ लेकर आए।

SUB TEACHER

Q.1. ꯑꯣꯅꯕꯛ ꯑꯥꯗꯨꯃꯗ ꯑꯩꯁ ꯃꯥꯛꯇ ꯄꯥꯡ
ꯑꯩꯕꯥꯗ ꯑꯀꯨ ॥   10.

Q.2. ꯃꯦꯣꯅꯥꯇ ꯅꯩꯇ ꯂꯣꯄꯦꯁꯨ ꯑꯩꯁꯅ ꯀꯣꯀꯇ ?
ꯅꯩꯇꯣꯃ ꯃꯍꯥꯃꯥꯇ ꯃꯦꯣꯅꯥꯇ ꯅꯩꯇ ꯂꯣꯄꯦꯁꯨ
ꯀꯥꯊꯥꯊꯦꯂꯦꯇ ꯑꯣꯛꯗꯀꯣꯝꯃꯤꯁ ꯀꯀꯇ ꯀꯀ
                                        5+5=10:
ꯄꯨꯇ ꯏꯍꯦꯣꯛ ?

Q.3. ꯑꯣꯁꯗꯥꯃꯗꯧꯅꯥꯇ ꯑꯩꯅꯝ ꯑ꯭ꯁꯀꯟꯇꯦꯇꯅꯇ   10.
ꯀꯨꯃꯥ ꯀꯣꯀꯇ ?

Q.4. ꯑꯀꯥꯃꯣ ꯃꯗꯂꯥꯛ ꯂꯣꯃꯣ ꯑꯁꯛ ॥   10

(ꯀ) ꯂꯤꯃꯩꯗꯦꯇ .
(ꯝ) ꯑꯤꯇ ꯒꯣꯃꯃꯇꯁ ꯃꯤꯂꯦꯝ ꯂꯃꯀ
(ꯇ) ꯀꯣꯃꯁꯥꯗꯨꯁꯦꯣ

M. Jiten Singh.

1) ꯏꯕꯨꯡ ꯇꯥꯕꯤ ꯁꯤꯖꯤꯟ • Phrase and Idioms.

2) ꯃꯈꯜꯅ ꯅꯣ (Poem writing).
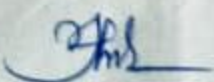
3) ꯈꯩꯆꯣꯝꯕꯤ ꯁꯤꯟꯐꯝꯇ ꯐꯖꯅꯥꯞꯔꯣꯟ
   (ꯇꯥꯕꯨ —) ꯑ꯭ꯌꯥꯔꯥ ꯇꯨꯔ 10
   ꯀꯣꯡꯅꯥꯡꯇ (Translate English Word).

4) ꯇꯨꯡꯅꯇ ꯅꯥꯆꯔ ꯏꯁꯝ ꯇꯥꯕꯤ - (Movie Translate/
   Short documentary)
   ꯐꯖꯅꯥ ꯅꯣ

   ꯐꯖꯅꯥꯞꯤ ꯇꯩꯔꯥꯛ ꯂꯩꯃꯖ ꯀꯥꯕꯇꯥꯕꯤ
   ꯇꯥꯅꯣ ꯔꯔ ꯇꯩꯔꯅꯨ ॥

Sub Teacher.
Sh - Meneka.

Vacation Task

1. Simplify: $\frac{-3}{10} + \frac{7}{15} + \frac{3}{-20} + \frac{-9}{10} + \frac{13}{15} + \frac{13}{-20}$

2. Re-arrange suitably and find the sum in each of the following

(i) $\frac{5}{3} + \frac{11}{2} + \frac{-9}{4} + \frac{-8}{3} + \frac{-7}{2}$ (ii) $\frac{-4}{7} + \frac{7}{6} + \frac{2}{7} + 3 + \frac{-11}{6}$

3. Simplify:

(i) $\left(\frac{-16}{5} \times \frac{20}{8}\right) - \left(\frac{-15}{5} \times \frac{-35}{3}\right)$ (ii) $\left(\frac{-3}{2} \times \frac{4}{5}\right) + \left(\frac{9}{5} \times \frac{-10}{3}\right) - \left(\frac{1}{2} \times \frac{3}{4}\right)$ (iii) $\left(\frac{-7}{18} \times \frac{15}{-7}\right) - \left(1 \times \frac{1}{4}\right) + \left(\frac{1}{2} \times \frac{1}{4}\right)$

4. find the reciprocal of

(i) $\frac{2}{5} \times \frac{4}{9}$ (ii) $\frac{-3}{8} \times \frac{-7}{13}$

5. find 10 rational numbers between -5 and 5.

6. How much pure alcohol be added to 400 ml of a 15% solution to make its strength 32%.

7. 50kg of an alloy of lead and tin contains 60% lead. How much lead must be melted into it to make an alloy containing 75% lead?

8. The sum of the ages of anup and his father is 100. when anup is as old as his father now, he will be 5 times as old as his son anuj is now. Anuj will be 8 years older than anup is now, when anup is as old as his father. what are their ages now?

9. The length of a rectangle exceeds its breadth by 9 cm. If the length and breadth are each increased by 3 cm, then the area of the new rectangle will be 84cm² more than that of the given rectangle. Find the length and breadth of the given rectangle.

10. Ravish has three boxes whose total weight is 60 1/2 Kg. Box B weighs 3 1/2 kg more than box A and box C weighs 5 1/3 kg more than box B. Find the weight of box A.

11. Make a project on the working model of algebraic identities particularly

(i) $(a + b)^2 = a^2 + b^2 + 2ab$ (ii) $(a-b)^2 = a^2 + b^2 - 2ab$

ग्रीष्मावकाश कार्य (vacation home work) *Summer*

Q1) सुभाषितानि पाठ के श्लोक का कंठस्थ करे, तथा उसके भावार्थ अपने शब्दो मे लिखिए।

Q2) सदाचार से संबंधित पाँच श्लोक लिखकर उसके भावार्थ अपने शब्दों मे लिखिए।

Q3) संस्कृत की संख्यावाचक शब्द 1-50 तक याद करके लिखिए।

Q4) आपके पाठ्यपुस्तक से प्रतिदिन संस्कृत की तीन-तीन शब्द याद करके, अर्थ सहित लिखिए।

Q5) 'मातृ' और 'राजन' का शब्दरूप कंठस्थ करके लिखिए।

SUB TEACHER

Koh Brojeshwori

Vacation (Project) Work for Science Class VIII Section A & B

1. Collect different types of seeds and put them in small bags. Attach these bags in a herbarium file and label them.
2. Collect new agricultural machine pictures and paste in a file with their names and uses.
3. Take 4-5 plastic bottles of different shapes and sizes. Join them together with small pieces of glass or rubber. Keep this arrangement on a level surface. Now pour water in any one of the bottles. Note whether the bottles get filled up simultaneously. Note the level of water in all the bottles from time to time. Try to explain your observations. (Check Extended Learning- Activities and Projects on page 144 of NCERT, Science textbook for class VIII)