

CLASS- VI

SUMMER HOLIDAY HOMEWORK 2023

ENGLISH

GENERAL INSTRUCTIONS:

- Section A has been allotted Roll No. wise.
- Section B is to be done by all student in the Expressions File.
- Handwriting should be neat and legible.
- The work should be original and not copied from internet.
- Date of Submission: 4.07.23

SECTION A: CREATIVE CORNER

ROLL NO 1-10

1. Book Review

Let's take off the books from the shelf for some interesting homework planned for you. Choose any author of your choice and read any of his or her works. Prepare a review of the book you have chosen to read.

Guidelines for writing a book review:

- Touch upon the background of the author.
- Give a brief summary of the book without mentioning too many details.
- Choose your favorite character and your favourite scene.
- Quote your favourite lines from the book.
- Would you recommend the book to your friends? Give reasons for your answer.

Suggested Reading List:

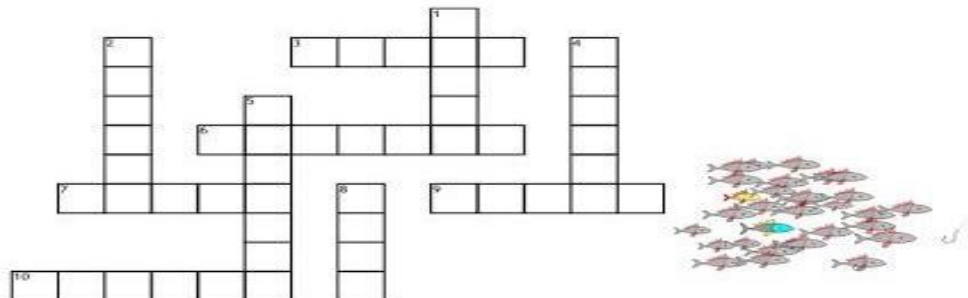
1. The Jungle Book - Rudyard Kipling
2. Robinson Crusoe - Daniel Defoe
3. Adventures of Tom Sawyer - Mark Twain
4. Swami and Friends - R.K. Narayan
5. Treasure Island - R.L. Stevenson

ROLL NO. 11-20

2. Crossword Puzzle

Grammar is a set of rules that dictates how a language works, making it easy to comprehend. Without proper grammar, one would have no idea how to speak or write in English. It helps us make sense of our words. It also dictates rules regarding how words are used and when they should be used. Design a crossword puzzle on Collective Nouns. A sample is provided below.

Collective Nouns



Across

3. A _____ of locusts
6. A _____ of flowers
7. A _____ of bushes
9. A _____ of ships
10. A _____ of shots

Down

1. A _____ of lions
2. A _____ of whales
4. A _____ of dancers
5. A _____ of actors
8. A _____ of musicians

ROLL NO. 21-30

Web Chart Design Write about your dream career. You may draw a web chart mentioning the qualities that you would like to see in your dream career.

ROLL NO. 31-40

Poem Writing

There is no one way to approach writing. The process of finding inspiration and then putting that inspiration into words is a unique and individual experience for each writer. However, there are certain poems that can be particularly inspiring. Write a poem on the suggested topics.

1. Gratitude
2. A Significant Event
3. A Moment In My Life
4. The Earth

SECTION B: ASSIGNMENT

1. Write about the history and culture of Andaman and Nicobar Islands. Do research about the island, the food, the tourist spots etc. Make a chart for the same.

2. Reading the newspaper daily is a good habit. It helps us in gaining knowledge as well as making us aware about the things going on around the globe. Read the newspaper daily and write one news each day related to Education.

Q3. Underline the nouns and identify their type.

- a. My sister lives in Malaysia.
- b. She works in a software company.
- c. He hung his head in shame.
- d. His brother helped him to prepare for the journey.
- e. The doctor told Sue that medicines alone would not help the patient.
- f. The rich merchant divided his wealth among his four children.

Q4. Change these sentences according to the instructions given.

- a. He writes poems. (change to interrogative)
- b. What a pretty dress you are wearing! (change to assertive)
- c. The girls lost the basketball match. (change to exclamatory)
- d. Is it possible to forget old friends? (change to assertive)
- e. It was an excellent shot. (change to exclamatory)
- f. He can solve difficult sums easily. (change to interrogative)
- g. Everyone trusts him. (change to interrogative)
- h. The mango pickle is delicious. (change to exclamatory)

Q5. Identify the kind of sentences.

- a. Do your assignments in class.
- b. Congratulations on your achievement!
- c. He is the leader of the group.
- d. What lovely purple flowers!
- e. That was a wonderful play indeed!
- f. Can you cancel the concert?

Q6. Identify the nouns as- Countable or Uncountable noun.

- a. milk
- b. room
- c. butter
- d. song
- e. music
- f. tea
- g. child
- h. homework
- i. key

Q7. You are Secretary of the History Club of Vidya Mandir School. Draft a notice in not more than 50 words informing students of a proposed visit to some important historical sites in your city.

हिंदी

सामान्य निर्देश :-

1. सभी कार्य निर्देशानुसार साफ़, सुंदर व स्पष्ट शब्दों में लिखें ।
2. 'खंड-ब' व्याकरण कार्य पुस्तिका में करें ।
3. अंतिम देय तिथि - 5.07.2022

खंड-अ

अंडमान और निकोबार द्वीप समूह भारत में आदर्श पर्यटन स्थल हैं। क्षेत्र के शिल्प आदिवासियों के रचनात्मक पहलू को प्रदर्शित करते हैं जो शिल्प पर निपुणता से और कलात्मक रूप से काम करते हैं। अंडमान और निकोबार द्वीप समूह के कुछ उत्तम शिल्प हैं:-

बेंत और बाँस, लकड़ी का काम, शैल शिल्प, नारियल का खोल, टोकरी और चटाई बनाना, इमारती लकड़ी इत्यादि

1. अंडमान और निकोबार द्वीप समूह हस्तशिल्प उद्योग मुख्य रूप से अपने शैल शिल्प पर निर्भर है। अंडमान और निकोबार द्वीप समूह के हस्तशिल्प उद्योग के लिए तैयार किए गए शैल दुनिया भर में उच्च माँग का आनंद लेते हैं। वहाँ के उत्तम शिल्पों का उल्लेख करते हुए A3 शीट पर रंगीन चित्रों का प्रयोग करते हुए, सहज एवं सरल भाषा में आकर्षक विज्ञापन तैयार कीजिए ।

2. व्याकरण एक ऐसा शास्त्र है जिसमें भाषा को लिखने, बोलने और समझने के नियम संग्रहित हैं । व्याकरण एक भाषा विज्ञान है, जो भाषाओं के संरचना, व्यवहार और उनके अभिव्यक्ति के नियमों का अध्ययन करता है ।

(i) व्याकरण के नियमों का ध्यान रखते हिन्दी वर्णमाला / वर्णों के उच्चारण स्थान / संज्ञा / सर्वनाम / विशेषण का वृक्ष रंगीन कागज़ों की सहायता से बनाएँ ।

(ii) पर्यायवाची तथा विलोम शब्दों के फूल / तोरण रंगीन कागज़ों की सहायता से बनाएँ ।

3. कहानी एक ऐसी रचना होती है, जो एक निश्चित समय, स्थान और पात्रों के संदर्भ में एक घटना का वर्णन करती है। यह एक विशिष्ट विषय के बारे में होती है और एक संवाद के रूप में प्रस्तुत की जाती

है। कहानी पढ़ना हमारी भावनाओं को संतुलित रखने में भी मदद करता है और हमारी सोच को विस्तृत करने में भी सहायक होता है ।

विद्यार्थी अपनी मनपसंद कहानी पढ़कर कहानी का आवरण पृष्ठ A3 शीट पर बनाएँ ।

खंड-ब

प्रश्न 1. सार्थक अक्षरों के समूह से शब्द बनते हैं। निम्नलिखित वर्ग पहली में से अक्षरों का प्रयोग करते हुए छः सार्थक शब्द बनाइए :-

मा	ध	व	म
न	म	की	न
व	क	ल	न

प्रश्न 2. निम्नलिखित मुहावरों का अर्थ लिखकर वाक्यों में प्रयोग कीजिए :-

(क) खून ठंडा होना

अर्थ -----

वाक्य -----

(ख) घर घाट एक करना

अर्थ -----

वाक्य -----

(ग) आँखें सँकना

अर्थ -----

वाक्य -----

प्रश्न 3. निम्नलिखित शब्दों का वर्ण-विच्छेद कीजिए :-

(क) युधिष्ठिर - -----

(ख) अंतर्व्यापी - -----

प्रश्न 4. निम्नलिखित संयुक्त व्यंजनों से दो-दो शब्द बनाइए :-

(क) क्ष - -----

(ख) ज - -----

प्रश्न 5. नीचे दिए गए चित्रों के माध्यम से कहानी निर्माण कीजिए :-



FRENCH

GENERAL INSTRUCTIONS:

- Section A has project/model which has to be done by all the students. Follow the directions given in the question.
- Section B is compulsory for all the students. The same has to be done on A4 size sheets.
- Date of submission: 6.07.23

SECTION A: CREATIVE WRITING

1. Prepare a model on any one topic of the given below.

- La tour Eiffel
- Les fromages français
- La baguette
- Les parfums français
- Le Drapeau français
- La carte de France
- L'euro (Currency of France)

2. a. Make a crossword with the help of the hints given. All words should be in French.

- Perfume
- Cheese
- Bread
- Flag
- City of light
- Currency

b. Le jeu de l'alphabet

Make a chart of alphabets. Write 'Départ' in the beginning and 'Arrivée' at the end of the chart. Put the pawns on 'Départ', throw the dice and say a word beginning with the letter you are on. The one who arrives at 'Arrivée' first, is the winner. (To be played by 2-4 players).

SECTION B: ASSIGNMENT

a. Reliez les deux colonnes.

- | | |
|---------------------|-----------------------|
| 1. La monnaie | The wine |
| 2. Le drapeau | The Hexagon |
| 3. La ville lumière | The national festival |
| 4. Le fromage | The long French bread |

- | | |
|----------------------|--------------------|
| 5. Le parfum | The bread |
| 6. La baguette | The currency |
| 7. Le pain | The cheese |
| 8. La fête nationale | The city of lights |
| 9. L'Hexagone | The flag |
| 10. Le vin | The perfume |

b. Écrivez en français.

1. Fine, thank you.
2. Have a good day!
3. I am fine, thank you
4. See you tomorrow
5. And you (informal)
6. Hi !
7. My name is
8. Glad to meet you !
9. Good night
10. Madam
11. What is your name? (to an adult)
12. What is your name ? (to a friend)
13. And you ? (formal)
14. Have a good evening!
15. Good bye!

c. Écrivez les nombres de 1 à 20 en toutes lettres.

1.
2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12.

13.
14.
15.
16.
17.
18.
19.
20.

d. Complétez avec un nom.

1. A comme.....
2. R comme.....
3. V comme.....
4. Y comme.....
5. O comme.....
6. H comme.....
7. B comme.....
8. S comme.....
9. K comme.....
10. J comme.....

SANSKRIT

सामान्य निर्देश -

1. पहले दो कार्य (1,2) अनुक्रमांक अनुसार हैं ।
2. शेष 2 कार्य (3,4) सभी छात्रों को A-4 SIZE शीट पर करना है ।
3. अंतिम देय तिथि: 6.07.23

खंड-अ

अण्डमान और निकोबार द्वीपसमूह भारत का एक केन्द्र शासित प्रदेश है। ये बंगाल की खाड़ी के दक्षिण में हिन्द महासागर में स्थित है। अण्डमान और निकोबार द्वीप समूह लगभग 572 छोटे बड़े द्वीपों से मिलकर बना है जिनमें से सिर्फ कुछ ही द्वीपों पर लोग रहते हैं। इसकी राजधानी पोर्ट ब्लेयर है।

दर्शनीय स्थल

यह क्षेत्र पहाड़ी भूचूना है। टिम्बर जैसी लकड़ियाँ यहाँ प्रचुरता से पायी जाती हैं, हरियाली भी भरपूर है। यहाँ समुद्र का पानी देखने में नीला है। बंगाल की खाड़ी के इस जल क्षेत्र में अनंत लैगून मिल जायेंगे, जिनमें रंगबिरंगी मछलियाँ अठखेलियाँ करती मिलेंगी। सेल्यूलर जेल, मानव विकास के इतिहास को चित्रित करता संग्रहालय (एंथ्रोपॉलॉजिकल म्यूजियम), समुद्र संग्रहालय, लघु उद्योग संग्रहालय, मिनी जू, चैथम सा मिल, कोरबाइन कोव बीच, मैरीन पार्क, वाइपर आइलैंड, सिपीघाट वाटर स्पोर्ट्स कॉम्प्लेक्स।

1. भारत के अण्डमान व निकोबार द्वीपसमूह में दर्शनीय स्थलों में से किसी एक दार्शनिक स्थल का एक माडल बनाएं ।



2. ग्रेट निकोबार है दुनिया के कुछ सबसे दुर्लभ जीवों का घर ।

ग्रेट निकोबार अंडमान-निकोबार द्वीप समूह का अंतिम द्वीप है। इनमें से अधिकांश अलग-थलग, सुदूर द्वीपों पर, प्रजातियाँ मुख्य भूमि के अपने रिश्तेदारों से भिन्न रूप में विकसित हुई हैं। सीधे शब्दों में कहें तो इन समुद्री द्वीपों पर कुछ अजीब और अद्भुत निवासी रहते हैं, जो दुनिया में और कहीं नहीं पाए जाते।

इस बात को सिद्ध करते हुए समुद्री द्वीप का एक माडल बनाते हुए इन अजीब और अद्भुत प्राणियों को प्रदर्शित करें।

संदर्भ के लिए लिंक - <https://youtu.be/c1oPWTu90IQ>

3. अपने परिवार के / अपने मित्रों के किन्हीं पाँच नामों का वर्ण संयोजन व पाँच नामों का वर्ण वियोजन करें I (यह कार्य A-4 SIZE शीट पर करें)

यथा – रमेश: - र् + अ + म् + ए + श् + अ:

न् + इ + श् + आ – निशा

4. पठ् धातु से पाँच वाक्यों का निर्माण सर्वनाम तालिका के प्रयोग से चित्र सहित करें। (यह कार्य A-4 SIZE शीट पर करें)

यथा – सः पठति ।



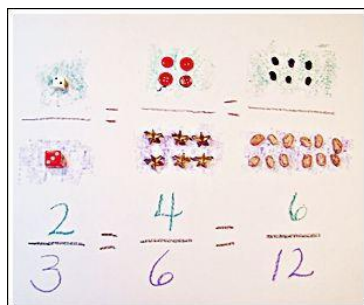
MATHEMATICS

GENERAL INSTRUCTIONS:

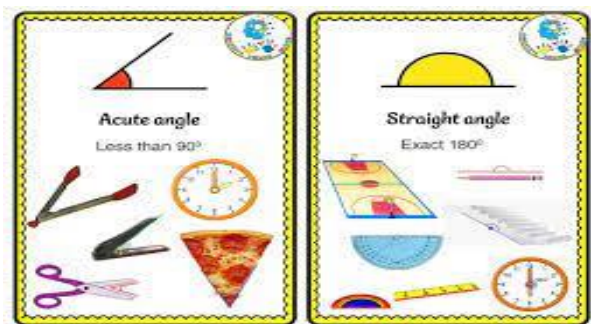
- Do your work neatly and creatively as per your Roll No.
- Worksheet is compulsory for all and has to be submitted on A4 sheet.
- Date of Submission: 10.07.23

SECTION A: CREATIVE CORNER

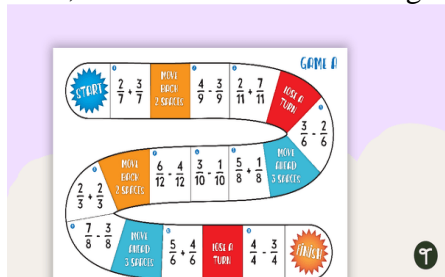
Roll No 1- 7 : Prepare a chart/ model depicting different types of fractions using beads, buttons or pulses.
 Example:



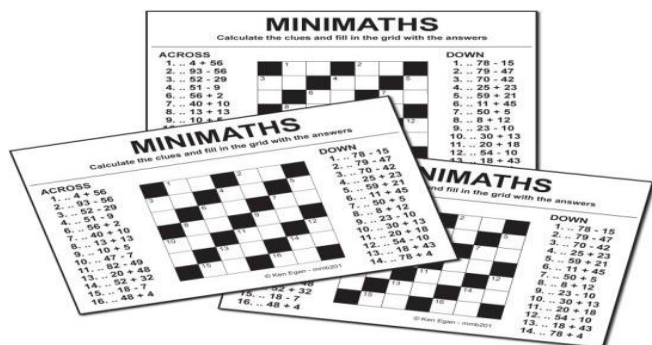
Roll No 8- 14: Prepare flash cards depicting different types of angles using ice cream sticks or match sticks. Example:



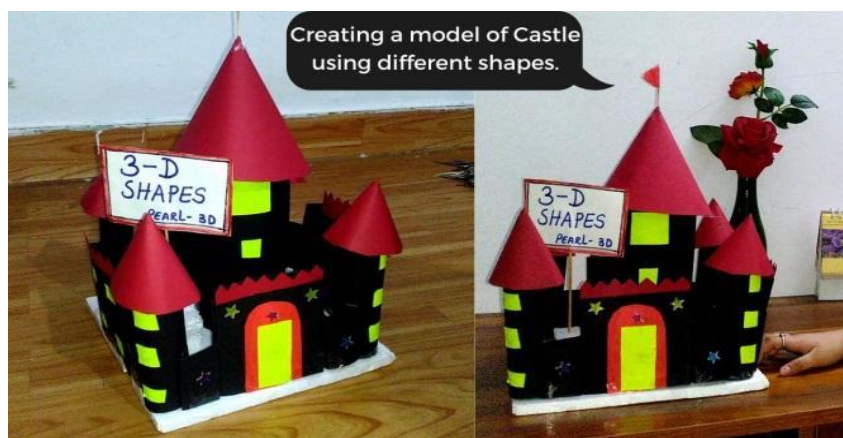
Roll No 15- 21: Roll No 15- 21: Prepare a board game based on the basic four operations of numbers. Also, mention the rules for the game. Example:



Roll No 22- 28: Prepare a puzzle booklet (A-4 sized sheets) having 5 mathematical puzzles. Example:

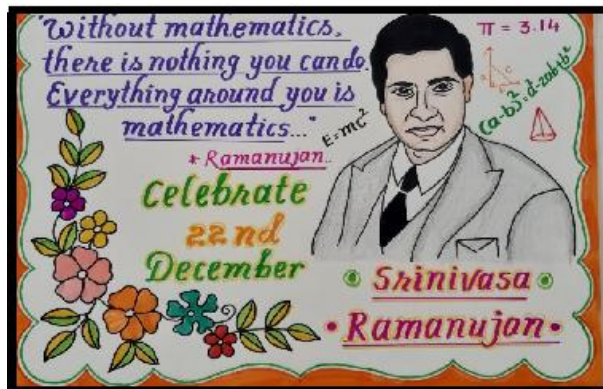


Roll No 29- 35: Prepare a model on 3 Dimensional Shapes depicting their faces, edges and vertices with proper labelling. Example:



Roll No 36 onwards: Make a handmade photo frame on any great mathematician and write their important contributions (in not more than 50 words).

1. Brahmagupta
2. Aryabhata
3. Bhaskara
4. Srinivasa Ramanujan... etc.



SECTION B: ASSIGNMENT

Factors and Multiples

NAME: _____

DATE: _____

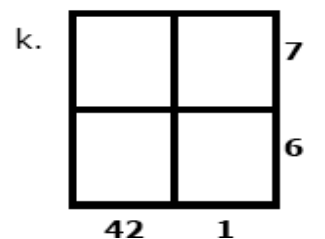
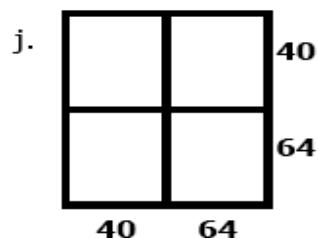
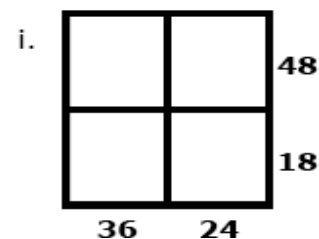
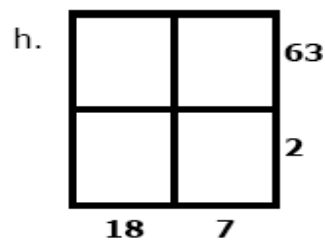
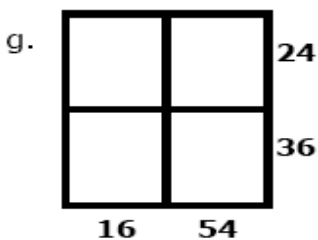
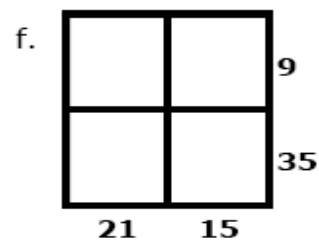
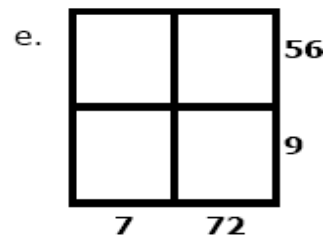
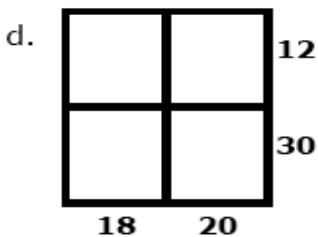
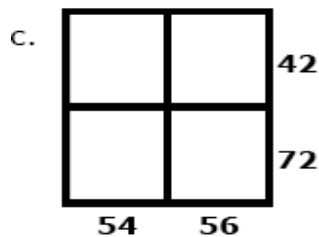
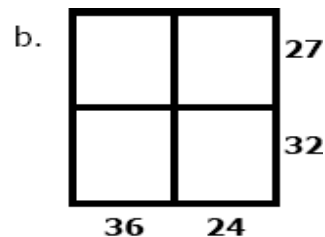
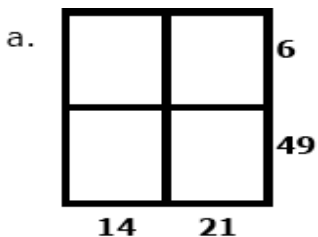
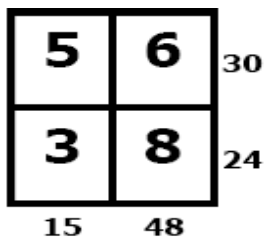
CLASS: _____

Q1.

Multiplication Square Puzzles

Fill each square with sets of factors so that the product on the right hand side and the bottom are correct.

(Hint: The first sum is an example)



Q2 Write true or false based on the given equation. (i) $7 \times 5 = 35$ and $35 \times 3 = 105$

- (a) 7 is a factor of 35 _____
- (b) 35 is a multiple of 5 _____
- (c) 105 is a factor of 3 _____
- (d) 5 is a factor of 105 _____
- (e) 5 is a multiple of 7 _____
- (f) 105 is a multiple of 3 _____
- (g) 7 is a factor of 105 _____
- (h) 35 is a multiple of 105 _____

SCIENCE

GENERAL INSTRUCTIONS

Homework has two sections:

- **Section A has project/activity/model which has been assigned roll number wise to the students.**
- **Section B has an assignment which is to be done by all the students on A4 sheets.**
- **Date of Submission: 10.07.23**

SECTION A: CREATIVE CORNER

Do as directed:

ROLL NO. 1 to 10

Prepare a **model** on **any one** of the following topics- Ball and socket joint/Periscope/Reflection of light/Conservation of water

ROLL NO. 11 to 20

Regrow the kitchen scraps! Many vegetables and herbs from the grocery store will regrow easily in water or in soil. Pick any one of the common vegetables from your kitchen, using small parts of the vegetable, **regrow the vegetable**. Record a **video** of yourself talking about the steps that you carried out to regrow the vegetable and add pictures to it. Take videos at different growth stages of the plant.

ROLL NO 21 to 30

Prepare an Information Brochure on the staple diet of people of Andaman and Nicobar islands. Paste relevant pictures. Write about the major nutrients present in their staple diet. (to be done on A3 sheets)

ROLL NO 31 onwards

Prepare a power point presentation on the environment friendly practices being followed by the people of Andaman Nicobar and Lakshadweep islands. Also mention the role of the government there in encouraging such practices to save the environment. (Students to submit this work on Google Classroom.)

SECTION B: ASSIGNMENT

Q1. Choose the correct option in the following questions:

(i) Carbohydrates can be tested by using

- (a) iodine solution
- (b) caustic soda
- (c) copper sulphate
- (d) fehling solution

(ii) Which one of the following is an energy giving component?

- (a) Proteins
- (b) Vitamins and minerals
- (c) Roughage
- (d) Carbohydrates and fats

(iii) Vitamins and minerals are

- (a) protective food
- (b) energy giving food
- (c) body building food
- (d) roughage

(iv) Roughage helps in

- (a) protecting our body from diseases
- (b) movement of bowel
- (c) providing energy
- (d) building and repair of various body parts

(v) Scurvy is caused due to the deficiency of

- (a) vitamin A
- (b) vitamin B
- (c) vitamin C
- (d) vitamin D

(vi) Diseases caused due to the deficiency of vitamins are known as

- (a) dietary diseases
- (b) chronic diseases
- (c) deficiency diseases
- (d) transmitted diseases

(vii) All the deficiency diseases can be prevented by

- (a) cleanliness
- (b) taking medicine at proper time
- (c) vaccination
- (d) taking balanced diet

(viii) Which of the following food items contains carbohydrates?

- (a) Rice
- (b) Gram
- (c) Cabbage
- (d) Pulses

(ix) Night blindness is caused due to deficiency of

- (a) vitamin A
- (b) vitamin B
- (c) vitamin C
- (d) vitamin D

(x) The food components needed by our body are called

- (a) ingredients
- (b) nutrients
- (c) fragments
- (d) ornaments

Q2. Falak took a food item 'A' and kept in her handkerchief. After few minutes, she observed an oily patch on the handkerchief.

a) Name the nutrient present in food item 'A'.

b) What can be food item 'A'?

Q3. Harsh is not able to see in dim light. His friend Aman advised him to eat lots of carrots.

a) What deficiency disease Harsh is suffering from?

b) Why Aman told Harsh to eat carrots?

c) What value is shown by Aman?

Q4. Match the following-

Column A	Column B
(a) Carbohydrates and fats	(i) Protective food
(b) Proteins	(ii) Causes loss of Vision
(c) Vitamins and Mineral	(iii) energy-giving food.
(d) Dietary fibres	(iv) Causes the disease called goitre.
(e) Iodine deficiency	(v) They help us in easy digestion of food.
(f) Lack of vitamin A	(vi) Body-building food

Q5. State whether the statements given below are True or False:

- (a) Deficiency of iron causes paleness.
- (b) Calcium is necessary for strong bones and teeth.
- (c) Deficiency of vitamin B helps to increase our appetite.
- (d) Deficiency of vitamin D causes swollen and bleeding gums.
- (e) Carbohydrates are the main source of energy in our diet.
- (f) Expensive food is not always the best food.
- (g) Deficiency of vitamin A makes our bones weak.
- (h) Haemoglobin is a carbohydrate.
- (i) Cotton and paper are carbohydrates.
- (j) Tomatoes contain vitamin C.

SOCIAL SCIENCE

GENERAL INSTRUCTIONS:

- **Roll number-wise topics have been assigned for students.**
- **Students need to prepare a project on ANY ONE topic assigned to their roll-number group.**
- **The project to be prepared as per the instructions detailed below.**
- **The project work should be compiled in Social Science practical file.**
- **Print out of the worksheet to be taken and neatly pasted in the Social Science notebook after attempting all the questions.**
- **Cover page for all the four projects has to be attractive, catchy and designed and designed on the theme of the project only.**
- **Date of Submission: 3.07.23**

SECTION A: CREATIVE CORNER

ROLL NO 1 TO 10

Unity in diversity means oneness in the varieties. In India, we clearly see unity in diversity because people of many religions, races, cultures and traditions live together. With respect to this unity of our country, the mission of **Ek Bharat Shreshtha Bharat** is to celebrate the Unity in Diversity of our nation and to maintain and strengthen the fabric of traditionally existing emotional bonds between the people of our Country and to promote the spirit of national integration through a deep and structured engagement between all Indian States and Union Territories through a year-long planned engagement between States.

Prepare a project work on “**A hundred thousand Islands**”

Project work should include illustrative and attractive information with unique facts on the following topics:

- a) Lakshadweep Islands - Introduction
- b) Historical and geographical factors that influence the diversity of these islands
- c) People - Agriculture, fishing and tourism
- d) Lakshadweep - Coral islands

ROLL NO 11 TO 20

The Group of Twenty (G20) is the premier forum for International Economic Cooperation.

It plays an important role in shaping and strengthening global architecture and governance on all major international economic issues. The current members are Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, South Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, the United Kingdom and the United States, plus the European Union.

Prepare a project. Choose any ONE country from these participating members and replicate the following in the form of manuscripts - Take a broad leaf. Put it under a heavy book for 8-10 days. On the leaf, draw the following:

- a) G20 logo for the chosen country
- b) Currency of the chosen country

c) Flag of the chosen country
Paste the above in your Social Science project file.

ROLL NO. 21- 30

India is a unique nation, whose fabric has been woven by diverse linguistic, cultural and religious threads, held together into a composite national identity by a rich history of cultural evolution, coupled with a rousing freedom struggle that was built around the tenets of non-violence and justice.

The Hon'ble Prime Minister propounded that cultural diversity is a joy that ought to be celebrated through mutual interaction & reciprocity between people of different States and UTs so that a common spirit of understanding resonates throughout the country.

Under EK BHARAT SHRESHTHA BHARAT, All the States/UTs in India have been paired for an entire year.

This year, Delhi has been paired with Lakshadweep Islands and Andaman & Nicobar Islands.

Read about life in two different parts of the country, Delhi and Andaman & Nicobar Islands and prepare a project on- **'Know your paired state/UT'**

- Locate Delhi and Andaman and Nicobar Islands on the political map of India.
- List three ways in which the different geographical location of these two regions would influence the following-

1. The food people eat
2. The clothes they wear
3. The work they do
4. Culture of the two regions.

ROLL NO 31 onwards

The theme of India's **G20** Presidency - "Vasudhaiva Kutumbakam" or "One Earth · One Family · One Future" - is drawn from the ancient Sanskrit text of the Maha Upanishad. Essentially, the theme affirms the value of all life – human, animal, plant, and microorganisms – and their interconnectedness on the planet Earth and in the wider universe.

In the light of this theme, prepare a project on - 'SAVE EARTH, SAVE FUTURE'

- What are the environmental issues that our planet is currently facing?
- What are the eco-friendly initiatives taken by the Indian government? (a & b to be done in Social Science practical file)
- On an A-4 size sheet, make a poster on the topic "Eco-Friendly alternatives to plastic".

SECTION B: ASSIGNMENT

Q1. The other name of 'dzos' is _____.

Q2. The boat race is an important part of the _____ festival, which is celebrated in Kerala.

Q3. India's diversity has been counted as a source of its strength when the British ruled India. True/False

Q4. Name the spices that are grown in Kerala region.

Ans. _____

Q5. Caste system is an example of inequality. True/False _____

Q6. What do you mean by the term 'tributaries'?

Ans. _____

Q7. What is the meaning of 'Indus' in Sanskrit?

Ans. _____

Q8. What does 'AD' and 'BC' stand for?

Ans. _____

Q9. Name the crops which were first grown by men and women.

Ans. _____

Q10. Rigveda contains the earliest compositions in Sanskrit, dated about 3500 years ago.

True/False _____

Q11. Which of the following is called the Prime Meridian?

- a) 0° latitude
- b) 23° 30' N
- c) 82° 30' E
- d) 0° longitude

Q12. The local time of 82° 30' E longitude is taken as a standard throughout India. It is known as

Q13. Draw a well labelled diagram of “Heat Zones of the Earth”



Q14. Temperate Zone lies between 0 to $23\frac{1}{2}^{\circ}$ North and South of equator.

True/False _____

Q15. When we move from the Equator towards the poles, the distance between the longitudes _____.

- a) increases
- b) decreases
- c) remains same
- d) becomes zero

Q16. Why do we see shadows on the moon?

Ans. _____

Q17. Define orbit.

Ans. _____

Q18. How did people in the past determine directions?

Ans. _____

Q19. Who is an astronomer?

Ans. _____

Q20. How many days does the moon takes to complete one rotation?

Ans. _____

COMPUTER SCIENCE

GENERAL INSTRUCTIONS

- **Worksheet is compulsory for all and has to be done in the notebook. Also, paste the printout of MS Excel worksheet in the notebook.**
- **Project Work has to be done Roll number wise. Roll No's 1-20 has to submit on GC.**
- **Roll No 20 onwards submit Charts and Models offline.**
- **Date of Submission: 6.7.23**

SECTION A: CREATIVE CORNER

1. **Roll No. 1-10**

Create a poster in MS PowerPoint(only one slide)on any one of the following topics:

- E-Commerce
- Cloud Computing
- Artificial Intelligence

2. **Roll No. 11-20**

Create a game in Scratch on the following (or any other game of your choice) :

- Shooter Game
- Car Racing Game
- Platformer Game

3. **Roll No. 21-30** : Create model on any one of the following topics:

- AI in Google Maps
- Cashless or Digital modes of Payments
- Inside view of CPU
- Different types of Voice Assistants like Siri, Alexa , Cortana.

4. **Roll No. 30 Onwards:** Create chart on any one of the following topics:

- Protecting yourself from Identity theft
- Screen Time and its Addiction Treatment
- Different Google Apps
- New Storage devices like SSD etc

SECTION B: ASSIGNMENT

1. Choose the correct option:

○ ___ is a place where the data and instruction is stored for a temporarily.

- a) Compact Disc b) Hard disc c) Memory d) None of these

• The language of 0's and 1 that computer understands is to be termed as ____.

- a) Numbers b) Bits c) Codes d) Programs

• The combination of eight bits (digits) is called__.

- a) Byte b) Nibble c) Kilobytes d) Mega bytes

• The combination of 4 bits is called_____.

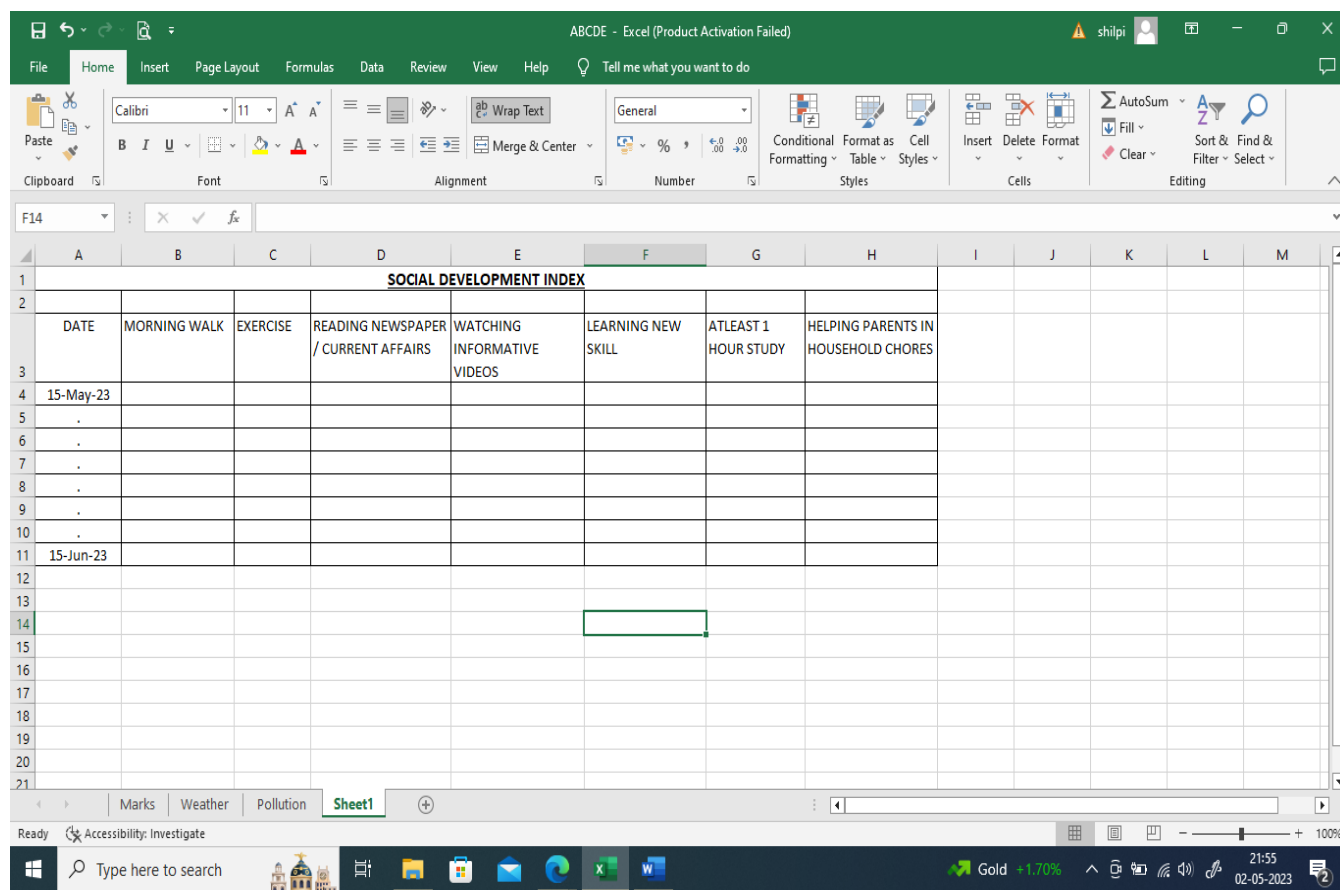
- a) Gigabytes b) Nibble c) Terabyte d) Megabytes

• _____memory is the main memory and is volatile in nature.

- a) Processor b) Compact Disc c) Hard disc d) RAM

- The blank chip that uses microcode instructions for programming on a chip is ____.
- a) PROM b) EPROM c) RAM d) ROM
- ____ memory helps in improving the processing speed of the computer.
- a) Cache Memory b) RAM c) ROM d) Flash Memory

2. Create an Excel sheet as given below and record your data, duly authorized by parents before submission.



- Enter record from 15th May to 15th June 2023.
- Mark '1' for the activities completed in a day in each column.
- Likewise mark '0' for the incomplete / unattempted activities in a day in each column.
- Apply conditional formatting on entire Excel sheet by highlighting cells with value >0 to GREEN, with WHITE BOLD text.
- Likewise, add rule along with rule mentioned in point number 4, and highlight cells with value <= 0 to RED with WHITE BOLD text.

ART

GENERAL INSTRUCTIONS

- Section A and Section B is compulsory for all the students.
- Mithila Painting is to be done on A3 size sheet.
- Date of Submission: 6.7.23

SECTION A: CREATIVE CORNER

Q1. Make a painting on Mithila Painting Theme. (For reference see the picture given below.)



Q2. Craft Activity: Make any one tribal mask of Andaman and Nicobar Islands. You may refer to the given link: https://youtu.be/lg3_bKYGskI



SECTION B: IT IS TIME TO LEARN ART !

Learn the following pages given in your Art book.

- (i) Page :- 38 SUNFLOWER PAINTING (VINCENT VAN GOGH)
- (ii) Page :- 54 MADHUBANI ART (TORTOISE)