HOLIDAY HOMEWORK
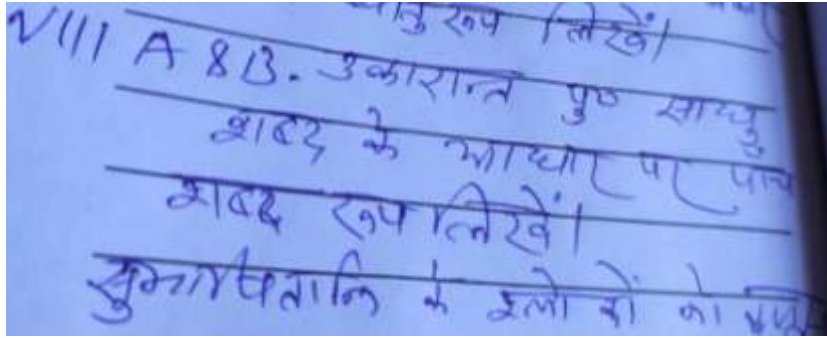
SANSKRIT

SOCIAL SCIENCE

1. Write down the meaning of the given words.

I.	Periodisation	XVI.	Sawar
II.	Colonisation	XVII.	Musket
III.	Survey	XVIII.	Matchlock
IV.	Mercantile	XIX.	Mahal
V.	Farman	XX.	Plantation
VI.	Puppet	XXI.	Slave
VII.	Nabobs	XXII.	Bigha
VIII.	Injunction	XXIII.	Fallow
IX.	Subservience	XXIV.	Sal
X.	Confederacy	XXV.	Mahua
XI.	Paramountcy	XXVI.	Bewar
XII.	Qazi	XXVII.	Sleeper
XIII.	Mufti	XXVIII.	Vaishnav
XIV.	Impeachment	XXIX.	Mutiny
XV.	Dharmashastras	XXX.	Firangis

2. Write brief account of the given terms or personalities.

I.	Robert Clive	XII.	Cornwallis
II.	Warren Hastings (the first Governor General of India)	XIII.	The Doctrine of Lapse
III.	James Mill	XIV.	The right to Diwani
IV.	Bahadur Shah Jafar	XV.	Permanent Settlement
V.	East India Company of Britain	XVI.	Mahalwari System
VI.	The Battle of Plassey 1757	XVII.	Ryotwari System
VII.	Sirajuddaulah	XVIII.	Features of Indian Indigo
VIII.	Mir Jafar	XIX.	Nij cultivation of Indigo
IX.	The Battle of Buxar 1764	XX.	Ryoti cultivation of Indigo
X.	Subsidiary Forces	XXI.	Champaran movement by Mahatma Gandhi
XI.	The "Tiger of Mysore"- Tipu Sultan	XXII.	Birsa Munda
		XXIII.	Jhum cultivation

XXIV.	Forest laws and their impact on tribal groups	XXVII.	Rani Laxmibai
XXV.	Governor General Canning	XXVIII.	Nana Saheb
XXVI.	Mangal Pandey	XXIX.	Vir Kunwar Singh
		XXX.	Tantia Tope

3. Map Work

Locate and label the following places using an outline map of India.

I.	Delhi	VI.	Calcutta
II.	Meerut	VII.	Mumbai
III.	Lucknow	VIII.	Madras
IV.	Kanpur	IX.	Champaran
V.	Jhansi	X.	Buxar

RESOURCES AND DEVELOPMENT

1. Write down the meaning of the given words or terms.

I.	Resources	XXVII.	Ecosystem
II.	Value	XXVIII.	Wildlife
III.	Patent	XXIX.	National Park
IV.	Technology	XXX.	Wildlife Sanctuary
V.	Natural resources	XXXI.	Biosphere Reserve
VI.	Renewable resources	XXXII.	Mineral
VII.	Non-Renewable resources	XXXIII.	Metallic Minerals
VIII.	Human made resources	XXXIV.	Non-Metallic Minerals
IX.	Human Resources	XXXV.	Mining
X.	Resource Conservation	XXXVI.	Open-Cast Mining
XI.	Sustainable Development	XXXVII.	Shafts
XII.	Land	XXXVIII.	Shaft Mining
XIII.	Land use	XXXIX.	Quarrying
XIV.	Common Property Resources	XL.	Recycle
XV.	Weathering	XLI.	Fossil Fuel
XVI.	Landslides	XLII.	Thermal Power
XVII.	Soil	XLIII.	Buried Sunshine
XVIII.	Mulching	XLIV.	Black Gold
XIX.	Contour Barriers	XLV.	Natural Gas
XX.	Rock Dam	XLVI.	Hydel Power
XXI.	Terrace Farming	XLVII.	Solar Energy
XXII.	Intercropping	XLVIII.	Wind Energy
XXIII.	Contour Ploughing	XLIX.	Nuclear Power
XXIV.	Shelter Belts	L.	Geo-Thermal Energy
XXV.	Natural Vegetation	LI.	Tidal Energy
XXVI.	Biosphere	LII.	Bio-Gas

2. Draw the diagram, flow chart or drawing of the given theme.

| I. | Change in land use over time. | III. | Factors Affecting Soil Formation |
| II. | Soil Profile | | |

IV.	Classification of Minerals	VIII.	Non-Conventional Sources of Energy
V.	Extraction of Minerals		
VI.	Conventional Sources of Energy	IX.	Nuclear Energy
		X.	Geothermal Energy
VII.	Hydel Power	XI.	Tidal Energy
		XII.	Biogas

SOCIAL AND POLITICAL LIFE-3

1. Write down the meaning of given terms or words.

   I. Constitution
   II. Arbitrary
   III. Ideal
   IV. Indian National Movement
   V. Polity
   VI. Sovereign
   VII. Human Trafficking
   VIII. Tyranny
   IX. Secularism
   X. Coercion
   XI. Freedom to interpret
   XII. Intervene

2. Write in brief about the given themes.
   I. Importance of Constitution in India/ Why do we need Constitution?
   II. Key features of Indian Constitution
   III. Preamble of Constitution
   IV. Fundamental Rights
   V. Fundamental Duties
   VI. Reasons for separation of religion from state.
   VII. Features of Indian Secularism

SCIENCE

Kendriya vidyalaya Sonpur
Home Assignment for Summer Vacation
class - VIII B , Subject:- Science.

(1) CROP PRODUCTION AND MANAGEMENT

(1) What are the main types of crops in India?
(2) Name the microorganism that helps in nitrogen fixation.
(3) What are weedicides? Give one example.
(4) What is crop?
(5) Why are earthworms called as "the farmer's friend"?
(6) What is crop rotation?
(7) A farmer grows wheat year after year. He finds that the yield becomes low. Give one appropriate reason for it.
(8) Write four differences between manures and fertilizers.
(9) What are advantages of manure?
(10) Explain two modern methods of irrigation.

(2) MICROORGANISMS: FRIENDS AND FOE

(1) What are antibiotics? Give examples.
(2) Name the bacteria present in curd.
(3) Which preservative is used in jams and squashes to check their spoilage?
(4) Define fermentation.
(5) What are major types of microorganism?
(6) Define pasteurization.
(7) What are communicable diseases? Give example.
(8) Name two diseases caused by each bacteria, fungi and virus in human.
(9) Explain nitrogen cycle with the help of a diagram.
(10) Explain, how microorganisms are friends for us?
(11) What precautions should be taken while using/taking antibiotics?

(3) SYNTHETIC FIBRES AND PLASTICS

(1) Name the plastic that is used for non-stick coating of cookwares.   (Ans. - Teflon)

(2) What are polymers?

(3) Which fibre is known as artificial silk? Why is it called so

(4) Why do we prefer to wear cotton rather than synthetic clothes in summer?

(5) Differentiate between thermoplastics and thermosetting plastics.

(6) Write any three advantages of synthetic fibres over natural fibres?

(7) Give reasons for the following:-
   (a) Thermosetting plastics are used to make saucepan handles.
   (b) Electric wires are covered with plastic covering.
   (c) Plastic containers are favoured for storing different food items.

(8) What are the advantages and disadvantages of Plastics?

(9) Explain the properties and uses of Nylon.

(10) Which synthetic fibre resembles as wool?

Project/Activity :-

1) Collect different types of synthetic fibres and paste them on a A-4 size paper.

2) Collect atleast 10 different seeds and put them separately in transparent plastic bags. Paste these bags on A-4 size papers.

Amit Kumar
PGT, chem.

ENGLISH

QI. Read the following chapters aloud:

1. The best Christmas present in the world
2. The tsunami
3. How the camel got his hump

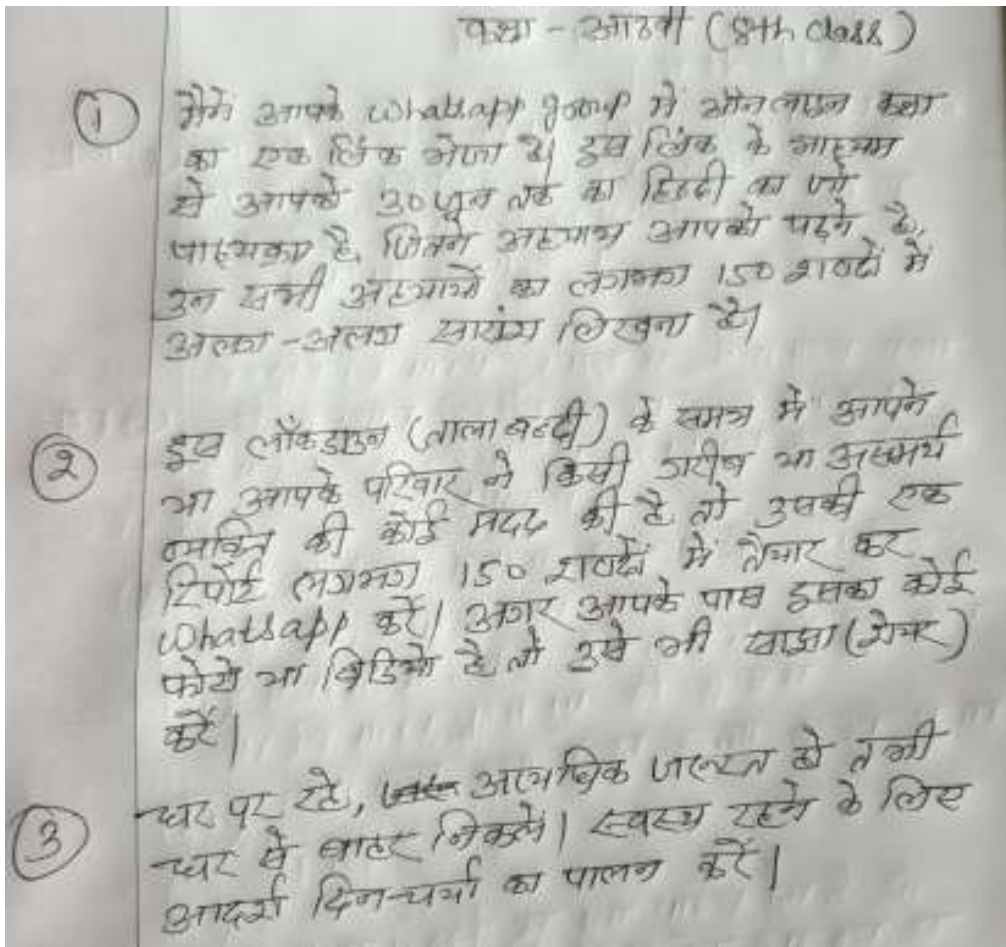QII. Write the summary of the poems:

1. The ant and the cricket
2. Geography lesson

QIII. Discipline is the bridge between goals and accomplishment'. Set a timetable and utilize your time to the utmost by balancing your activities like studies, play time,
watching TV and other activities which you undertake. Write how you have planned your holidays keeping in view the above statement. (in 100 words)

QIV. 17th June is "Father's Day". Make it special for your father and surprise him in a thoughtful manner. Write how you made it special for him. (in 100 words)

QV. 'Yoga for Fitness, Peace and Harmony'. International Yoga Day is on 21st June. Write about the value of Yoga in our life. (in 100 words)

HINDI

कक्षा - आठवीं (8th class)

① मैंने आपके Whatsapp group में ऑनलाइन कक्षा का एक लिंक भेजा है। इस लिंक के माध्यम से आपको 30 जून तक का हिन्दी का पाठ्यक्रम पढ़ाया है, जितना अध्याय आपको पढ़ने हैं, उन सभी अध्यायों का लगभग 150 शब्दों में अलग-अलग सारांश लिखना है।

② इस लॉकडाउन (तालाबंदी) के समय में आपने या आपके परिवार ने किसी गरीब या असहाय व्यक्ति की कोई मदद की है तो उसकी एक रिपोर्ट (लगभग) 150 शब्दों में तैयार कर whatsapp करें। अगर आपके पास इसका कोई फोटो या विडियो है तो उसे भी साझा (शेयर) करें।

③ घर पर रहें, जब अत्याधिक जरूरत हो तभी घर से बाहर निकलें। स्वस्थ रहने के लिए आदर्श दिनचर्या का पालन करें।

MATHS

RATIONAL NUMBERS

1. **Fill in the blanks:**

(i)   The product of a number and its reciprocal is _____.

(ii)   The rational number _____ has no reciprocal.

(iii)   The reciprocal of the reciprocal of a number is _____.

(iv)   The rational number _____ is neither positive nor negative.

(v)   _____ is the only rational number which is equal its additive inverse.

2. **Write:**

(i)   A rational number which has no reciprocal.

(ii)   A rational number whose product with a given rational number is equal to the given rational number.

(iii)   A rational number which is equal to its reciprocal.

3. **Verify that:**

(i) $\dfrac{-1}{2} + \left[\left(\dfrac{-4}{3} \right) + \dfrac{3}{7} \right]$ and $\left[\left(\dfrac{-1}{2} \right) + \dfrac{3}{7} \right] + \left(\dfrac{-4}{3} \right)$ are there same

(ii) $\dfrac{2}{3} \times \left[\dfrac{-6}{7} + \dfrac{4}{5} \right] = \left[\dfrac{2}{3} \times \dfrac{4}{5} \right] \times \left(\dfrac{-6}{7} \right)$

4. **Find:** $\dfrac{5}{22} + \dfrac{3}{7} + \left(\dfrac{-8}{21} \right) + \left(\dfrac{-6}{11} \right)$
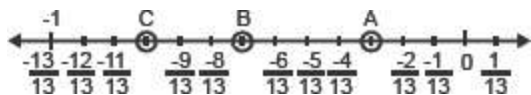
5. **Find:** $\left(\dfrac{-14}{9} \right) \times \dfrac{3}{5} \times \left(\dfrac{-4}{7} \right) \times \dfrac{15}{16}$

6. **Find three rational number between** $\dfrac{3}{7}$ **and** $\dfrac{2}{3}$.

7. **Find five rational numbers between** $\dfrac{2}{5}$ **and** $\dfrac{1}{4}$.

8. **Find 10 rational numbers between** $\left(-\dfrac{2}{3} \right)$ **and** $\dfrac{2}{3}$.

9. **Write the rational number represented by the points A, B, and C on the following number line:**

10. **The product of two rational numbers is** $\left(\dfrac{-28}{81} \right)$. **If one of them is** $\dfrac{-2}{3}$, **then find the other:**

LINEAR EQUATIONS IN ONE VARIABLE

1. **Find the solution of 3x-4 = 12**

2. **Solve: 5x-9 = 8**

3. What should be subtracted from thrice the rational number -8/3 to get 5/2?

4. The sum of three consecutive multiples of 7 is 63. Find these multiples.

5. Solve 3x/4 – 7/4 = 5x + 12

6. Perimeter of a rectangle is 13cm. if its width is 11/4 cm, find its length.

7. The present of Sita's father is three times the present age of Sita. After six years sum of their ages will be 69 years. Find their present ages.

8. The digits of a two-digit number differ by 3. If digits are interchanged and the resulting number is added to the original number, we get 121. Find the original number.

9. (x-2)/(x+1) = ½. Find x

10. Sanjay will be 3 times as old as he was 4 years ago after 18 years. Find his present age.

11. If the sum of two numbers is 30 and their ratio is 2/3 then find the numbers.

12. The numerator of a fraction is 2 less than the denominator. If one is added to its denominator, it becomes 1/2 find the fraction.

Understanding Quadrilaterals

1. In a quadrilateral ABCD, the angles A, B, C and D are in the ratio 1: 2: 3: 4. Find the measure of each angle of the quadrilateral.

2. The interior angle of a regular is 108°. Find the number of sides of the polygon.

3. The exterior angle of a regular polygon is one-fifth of its interior angle. How many sides have the polygon?

4. The measures of two adjacent angles of a parallelogram are in the ratio 4: 5. Find the measure of each of the angles of the parallelogram.

5. If an exterior angle of a regular polygon is 45°, then find the number of its sides.

6. If an interior angle of a regular polygon is 162°, then find the number of its sides.

7. Find the measure of an interior angle of a regular polygon having 15 sides.

8. An angle of a parallelogram measures 70°. Find the measure of the remaining three angles.

9. One angle of a quadrilateral is 111° and the remaining three angles are equal. Find three angles.

10. What is the ratio of the interior angles of a pentagon and a decagon?