HOLIDAY HOMEWORK
Class VII Science

Question 1:

Where is water from undigested food absorbed in the body?

Question 2:

Where is digested food absorbed in the body?

Question 3:

Name the type of teeth which are for

Chewing and grinding food

Piercing and tearing food

Biting and cutting food

Question 4:

Name the parts of Amoeba which help it in moving and capturing food.

Question 5:

State whether the following statements are true or false

The tongue helps in mixing saliva with food.

Digestion of starch starts in stomach.

Amino acids provide energy to our body.

The blood takes digested food to all the cells of the body.

Question 6 : What do you understand by term 'assimilation' in the process of digestion?

Question 7:

How is food ingested by Amoeba?

Question 8:

What happens to food in stomach?

Question 9:

Where is saliva produced? Write about its main functions.

Question 10:

How is the process of digestion different in ruminants?

Question 11:

What is a gall bladder? What is its role?

Question 12:

How do you differentiate between absorption and assimilation?

Question 13:

Why do we get instant energy from glucose?

Question 14:

Which organ in the cow's digestive system differentiate it from that of human beings?

Short Q&A

Q1: Define wool.

Q2: What are the different sources of wool?

Q3: Why sheep have a thick coat of hair on their body?

Q4: Define a fibre.

Q5: Explain the two types of fibres.

Q6: Why a cotton garment cannot keep us as warm in winter as a woollen sweater does?
Q7 : Differentiate between natural and man - made fibres.

Q9: Explain the process of making yarn from fibre?

Apart from these questions you all have to complete the exercise questions and keywords of chapter 1,2 and 3.

Heat:
Short Q&A:
Q1: Define heat.
Q2: Define temperature. What is its unit?
Q3: What is the use of the maximum – minimum thermometer?
Q4: Why does the mercury not fall or rise in a clinical thermometer when taken out of the mouth?
Q5: Why clinical thermometer ranges from 35oC to 42oC.?
Q6: What is conduction?
Q7: Why conduction is only possible in solids?
Q8: How does the heat from the sun reach us?
Q9: Explain how water heated by convection?
Q10: Differentiate between conductor and insulators?
Q11: Explain land breeze.
Q12: Explain sea breeze.
Q13: In summer we prefer light-coloured clothes and in winter we usually wear dark-coloured clothes. Explain Why?
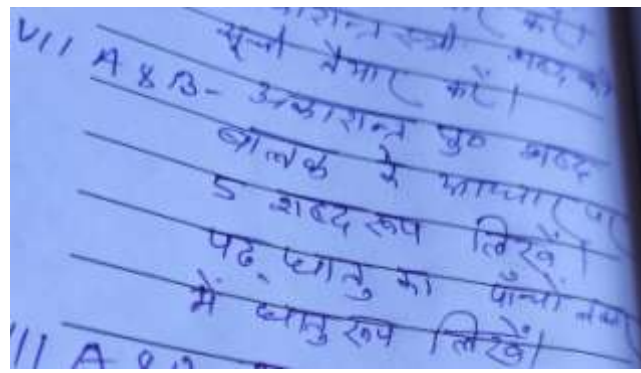Q14: Why one thick blanket is less warm up than two thin blankets joined together?
Q15: How Woollen clothes keep us warm in winter?
Q16: What is the Relation between Celsius, Fahrenheit and Kelvin scales?

complete the keywords and exercise questions of chapter 4 also.

SANSKRIT

ENGLISH

I. Read the following chapters aloud:

1) Three questions
2) A gift of chappals
3) The tiny teacher

II. Write the summary of the poems:

3. The squirrel
4. The rebel

III. 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)

IV. 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)

V. '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)

SOCIAL SCIENCE

1. Write down the meaning of given words.

I.	Cartographer	XIX.	Iqta
II.	Archive	XX.	Tarikh
III.	Habitat	XXI.	Mongols
IV.	Patron	XXII.	Kharja
V.	Manuscript	XXIII.	Gun-powder technology
VI.	Jati	XXIV.	Dogma
VII.	Region	XXV.	Bigot
VIII.	Periodisation	XXVI.	Mughal
IX.	Sultan	XXVII.	Mansab
X.	Samanta	XXVIII.	Jagir
XI.	Nadu	XXIX.	Zat
XII.	Sabha	XXX.	Sawar
XIII.	Birthright	XXXI.	Sulh-i-kul
XIV.	Gender distinctions	XXXII.	Primogeniture
XV.	Hinterland	XXXIII.	Coparcenary
XVI.	Garrison towns	XXXIV.	Zabt
XVII.	The Masjid	XXXV.	Zamindar
XVIII.	Client		

2. Collect information related with followings in brief.

I.	Al-idrisi	XIV.	Alauddin Khalji
II.	Minhaj-I- Siraj	XV.	Muhammad Tughluq
III.	Amir khusrau	XVI.	Bahlul Lodi
IV.	Ziyauddin Barni	XVII.	Fakr-i-Mudabbir
V.	Prophet Muhammad	XVIII.	Babur
VI.	Rashtrakutas	XIX.	Humayun
VII.	Tripartite Struggle	XX.	Shershah
VIII.	Mahmud of Ghazni	XXI.	Akbar
IX.	Prithviraj III	XXII.	Jehangir
X.	The Cholas	XXIII.	Shahjahan
XI.	Qutbuddin Aibak	XXIV.	Aurangzeb
XII.	Shamsuddin Iltutmish	XXV.	Red Fort of Delhi
XIII.	Raziyya	XXVI.	Akbarnama and Ain-i-Akbari

XXVII.   Nur Jahan

3.   Map work
   I.   Locate and label the following major kingdoms (7th to 12th centuries)

   A.   Chahmanas   C.   Palas
   B.   Gurjara Pratihara   D.   Rashtrkutas

   II.   Locate and label the Chola Kingdom and its neighbours- Kalinga, Chalukya and Pandyas.
   III.   Locate and label the following places related with military campaigns under Akbar and Aurangzeb.

   A.   Malwa (1561)   F.   Patna (1574)
   B.   Chittor (1568)   G.   Kashmir (1586)
   C.   Ranthambhor (1569)   H.   Bijapur (1685)
   D.   Gujarat (1572)   I.   Golconda (1687)
   E.   Bengal (1574)

ENVIRONMENT

1.   Write down the meaning of the given words.

I.	Environment	XXVII.	Floodplain
II.	Biotic	XXVIII.	Levees
III.	Abiotic	XXIX.	Sea caves
IV.	Lithosphere	XXX.	Sea arches
V.	Hydrosphere	XXXI.	Stacks
VI.	Biosphere	XXXII.	Sea cliff
VII.	Atmosphere	XXXIII.	Glacier
VIII.	Ecosystem	XXXIV.	Glacial moraines
IX.	Crust	XXXV.	Mushroom rock
X.	Mantle	XXXVI.	Sand dunes
XI.	Core	XXXVII.	Loess
XII.	Igneous rock	XXXVIII.	Troposphere
XIII.	Metamorphic rocks	XXXIX.	Stratosphere
XIV.	Sedimentary rocks	XL.	Mesosphere
XV.	Minerals	XLI.	Thermosphere
XVI.	Lithospheric plates	XLII.	Exosphere
XVII.	Endogenic force	XLIII.	Ionosphere
XVIII.	Exogenic Force	XLIV.	Weather
XIX.	Volcano	XLV.	Climate
XX.	Earthquake	XLVI.	Temperature
XXI.	Weathering	XLVII.	Air Pressure
XXII.	Erosion	XLVIII.	Wind
XXIII.	Deposition	XLIX.	Cyclone
XXIV.	Waterfall	L.	Moisture
XXV.	Meanders	LI.	Precipitation
XXVI.	Ox-bow lake		

2.   Draw the given figure.

   I.   Components of Environment   II.   Domains of the Environment

III.	Interior of the Earth	X.	A Delta	
IV.	Rock Cycle	XI.	Features made by sea waves	
V.	Evolution of Landforms	XII.	Constituents of Air	
VI.	A volcano	XIII.	Layers of the atmosphere	
VII.	Origin of earthquake	XIV.	Major Pressure Belts and Wind	
VIII.	Waterfall		System	
IX.	Features made by a river in a flood plain			

SOCIAL AND POLITICAL LIFE-2

1. Define the given terms or words.

I.	Democracy	IX.	Private
II.	Constitution	X.	Medical Tourists
III.	Equality	XI.	Communicable Diseases
IV.	Universal Adult Franchise	XII.	OPD
V.	Dignity	XIII.	Ethnic
VI.	Mid-day-Meal	XIV.	Generic Names
VII.	Civil Rights Movement	XV.	Health
VIII.	Public		

2. Write brief story on given topics with the help of text book.
   I. Story of Kanta
   II. Story of Om Prakash Valmiki
   III. Story of Mr. and Mrs. Ansari
   IV. Story of Rosa Parks
   V. Story of Hakim Seikh
   VI. The Kerala experience towards Health
   VII. The Costa Rican Approach towards Health

HINDI

① मैंने आपके whatsapp group में ऑनलाइन कक्षा का एक लिंक (Link) भेजा है इस Link के माध्यम से आपको 30 जून तक का हिन्दी का जो पाठ्यक्रम है, उसमें जितने अध्याय आपको पढ़ने है, उन सभी का अध्यायों का लगभग 150 शब्दों में अलग-अलग सारांश लिखना है (इसे हिन्दी की कॉपी में करना है।)

② इस लॉकडाउन (तालाबन्दी) के समय में आपने या आपके परिवार ने किसी गरीब या असमर्थ व्यक्ति की कोई मदद की है तो उसकी एक स्पोर्ट रिपोर्ट (Report) 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 रहे, अत्यधिक आवश्यकता हो तभी घर से बाहर निकलें। अपने मोबाइल में आरोग्य सेतु एप डाउनलोड करें। स्वस्थ रहने के लिए आदर्श दिनचर्या का पालन करें।

नोट:→ इस Home-work को हिन्दी की कॉपी में करना है।

MATHS

CHAPTER: FRACTIONS AND DECIMALS

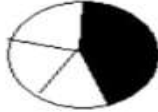1. Which of the following fraction has numerator 5

   a) $\frac{2}{5}$
   b) $\frac{5}{7}$
   (c) $1\frac{5}{7}$
   (d) $7\frac{1}{5}$

2. Which of the following fraction has denominator8.

   a) $\frac{8}{3}$
   b) $1\frac{3}{8}$
   (c) $1\frac{8}{3}$
   (d) $\frac{3}{8}$

3. What fraction does the shaded portion in the adjoining fig. represents.

   a) $\frac{5}{2}$
   b) $\frac{3}{5}$
   (c) $\frac{2}{5}$
   (d) $\frac{5}{3}$

4. Which one of the following is proper fraction?

   a) $\frac{7}{5}$
   b) $\frac{3}{2}$
   (c) $\frac{4}{7}$
   (d) $\frac{4}{3}$

5. Which one of the following is improper fraction?

   a) $\frac{2}{3}$
   b) $\frac{5}{7}$
   (c) $\frac{7}{4}$
   (d) $\frac{1}{2}$

6. What is the value of $\frac{2}{7}+\frac{3}{7}$

   a) $\frac{5}{14}$
   b) $\frac{5}{7}$
   (c) $\frac{6}{7}$
   (d) $\frac{35}{14}$

7. What is the value of $\frac{3}{5}+\frac{2}{7}$

   a) $\frac{5}{12}$
   b) $\frac{29}{35}$
   (c) $\frac{31}{35}$
   (d) $\frac{5}{35}$

8. What is the value of $\frac{2}{3}+\frac{1}{3}+\frac{7}{3}$

   a) $\frac{10}{3}$
   b) $\frac{10}{9}$
   (c) $\frac{30}{3}$
   (d) $\frac{10}{27}$

9. What is the value of $\frac{2}{3}+\frac{1}{3}+\frac{7}{3}$

   a) $\frac{10}{3}$
   b) $\frac{10}{9}$
   (c) $\frac{30}{3}$
   (d) $\frac{10}{27}$
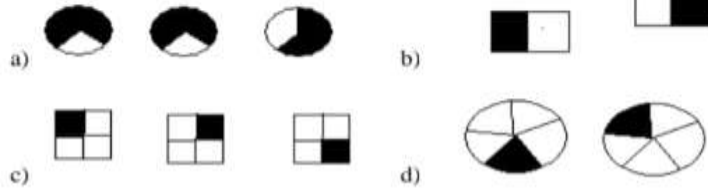
10. What is the value of $\frac{5}{8}-\frac{3}{8}$

   a) $\frac{37}{16}$
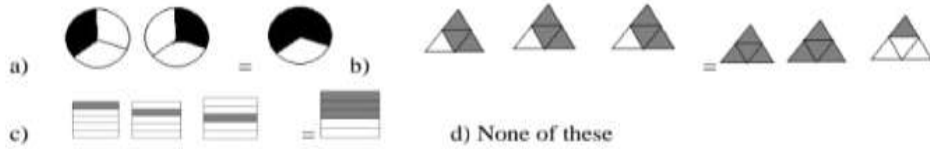   b) $\frac{1}{8}$
   (c) $\frac{2}{8}$
   (d) $\frac{43}{8}$

11. What is the value of $\dfrac{4}{5} - \dfrac{2}{3}$

    a) $\dfrac{2}{2}$ b) $\dfrac{14}{15}$ (c) $\dfrac{2}{15}$ (d) none of these

12. Which of the following drawing shows $2 \times \dfrac{1}{5}$

a)   b)

c)   d)

13. Which of the following drawing shows $3 \times \dfrac{3}{4} = 2\dfrac{1}{4}$

a)   b)

c)   d) None of these

14. The value of $\dfrac{1}{2}$ of 24 is

    a) 12   b) $\dfrac{1}{12}$ (c) 48   (d) $\dfrac{1}{48}$

15. What is the value of $29.35 - 04.56$

    (a) 23.75   (b) 16.35   (c) 16.25   (d) 24.79

16. Which one of the following is greater

    (a) 5.0   (b) 0.5   (c) 0.005   (d) 0.05

17. The product of $\dfrac{2}{5} \times 5\dfrac{1}{4}$ gives

    (a) $\dfrac{1}{2}$ (b) $\dfrac{21}{10}$ (c) $\dfrac{11}{10}$ (d) $\dfrac{15}{10}$

18. The reciprocal of $1\dfrac{2}{3}$ is

    (a) $\dfrac{3}{2}$ (b) $1\dfrac{3}{2}$ (c) $\dfrac{5}{3}$ (d) $\dfrac{3}{5}$

19. 7 Rupees 7 paisa can be written in rupees as

    (a) Rs7.07   (b) Rs7.70   (c) Rs0.707   (d) Rs 770

CHAPTER: INTEGERS

Q1. In addition and subtraction of two integers, sign of the answer depends upon

(a) Smaller number (b) Their difference (c) Their sum (d)

Greater numerical value Q2. Sum of two negative numbers is always

(a) Positive (b) Negative (c) 0 (d) 1

Q3. Sum of two Positive numbers is always

(a) Negative (b) Positive (c) 1 (d) 0

Q4. Sum of – 36 and 29 is

(a) –65 (b) 65 (c) –7 (d) 7

Q5. Sum of –19 and –21 is

(a) –40 (b) 40 (c) 2 (d) –2

Q6. Which of the following statement is false?
(a) – 7 + (– 6) = – 13 (b) – 5 + 1 = 4 (c) 2 + (–1) = 1 (d)

8 + (– 9) = – 1 Q7. The pair of integers whose sum is – 5

(a) 1, – 4 (b) –1 , 6 (c) –3 , – 2 (d) 5, 0

Q8. What integers or number should be added to – 5 to get 4
(a) 1 (b) –1 (c) – 9 (d) 9

Q9 . What will be the additive inverse of – 5

(a) –6 (b) –4 (c) 3 (d) 5

Q10. What will be the additive inverse of 7

(a) –7 (b) –6 (c) – 5 (d) – 4

Q11. Predecessor of −9 is

    (a) −8   (b) 8   (c) − 10   (d) 10

Q12. Successor of −1 is

    (a) −2   (b) 0   (c) 1   (d) 2

Q13. The value of $6 - (-3)$ is

    (a) 3   (b) −9   (c) −3   (d) 9

Q14. The value of $26 - 30$ is equal to

    (a) 4   (b) −4   (c) − 56   (d) 56

Q15. Which of the following statement is true?

    (a) $7 - 4 = 4 - 7$ (b) $7 - 4 > 4 - 7$ (c) $7 - 4 < 4 - 7$ (d) $7 - 4 = -3$

Q16. Choose appropriate number for blank: $-7 - (\_\_) = 2$

    (a) 5   (b) −5   (c) 9   (d) − 9

Q17. Multiplication of 3 and −4

    (a) −7   (b) 12   (c) −12   (d) 7

Q18. Multiplication of −2 ,−7 and −10 gives

    (a) −34   (b) 19   (c) −140   (d) 90

Q19. Multiplication of 2 , −5 and 0 gives

    (a) 10   (b) 0   (c) − 10   (d) 7

Q20. Identify the property used in the following: $2 \times 13 + 8 \times 13 = (2+8) \times 13$

    (a) Commutative   (b) Closure   (c) Associative (d) Distributive

Q21. Which number is multiplicative identity for the whole numbers?