

# HOLIDAY HOMEWORK

CLASS – 7<sup>th</sup>

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## SUBJECT – ENGLISH

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- (1) The project work is based on “Community Helpers” in our society ‘People at work around us’. (1)
- a) Choose any 5 community helpers, paste their pictures depicting their roles in the society and write about the details of work they do.
- b) Mention the most interesting and best suitable community work you wish to do in public interest and why? Think and Write that what all measures will you take to achieve this goal and what difference will you bring to our society.  
Do this above activity in scrap file.
- (2) (a) Vacations are the best time to follow your hobbies and to do recreational activities along with studies, every student should have one hobby to understand and use their leisure time properly. Make a project file of your favourites hobby which you will follow in your summer vacations. Also write about 2 hobbies of your interest, paste various pictures, try to make it neat and attractive. (A4 Sheet) (0.5)
- c) Family play an important role in shaping an individual’s personality. Celebrate the most loved member of your family by organizing ‘a get together’. Create an invitation card for the same expressing your love and regard. (0.5)
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Dear Parents,

As a parent it is important to invest your time with your little ones. we are sharing some tips for you to make these vacations a fruitful and happy period for them.

1. Have at least two meals together with your children. Teach them not to waste their food
2. Allow them to help you in cooking and wash their own plates after every meal
3. Let your child learn 5 new words daily in English and try to converse with them in English too.
4. Let your child spend time with grandparents and bond with them. Their love and emotional support is very important for your child.
5. Share stories about your childhood and your family history.
6. Allow your child to play outdoors.
7. Get some story books with colourful pictures for your kids,
8. 8. Keep your children away from TV, Mobile phones, and other electronic gadgets.
9. Avoid giving junk food like: jellies, chocolates, cream cakes, aerated drinks and too many bakery products and fried items.

Good wish

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**Q1. Satish is asked to write an article for the school magazine on 'Climate Change'. Using your ideas and the hints given below, write an article on his behalf in 120 words.**

Human activities- burning fossil fuels – releases carbon dioxide-rise in Earth's temperature- causes sea level changes – adversely affects precipitation, seasons, flora and fauna.

**Q2. Smartphone is one of the most important means of communication today. But it has also become a nuisance for some. Write an article on the same in around 120 words and sign yourself as Tarun/Taruna, a student of class X. You may take help from the following inputs:**

Important means of communication – connects a person socially- keeps people updated- has become a virtual companion- many disadvantages- disrupts peace of mind- a constant source of disturbance- excessive usage leads to many health disorders- cause of deadly accidents on road- the biggest distraction for students- should be used wisely- use to be minimised.

## **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 35°C to 42°C.?

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?

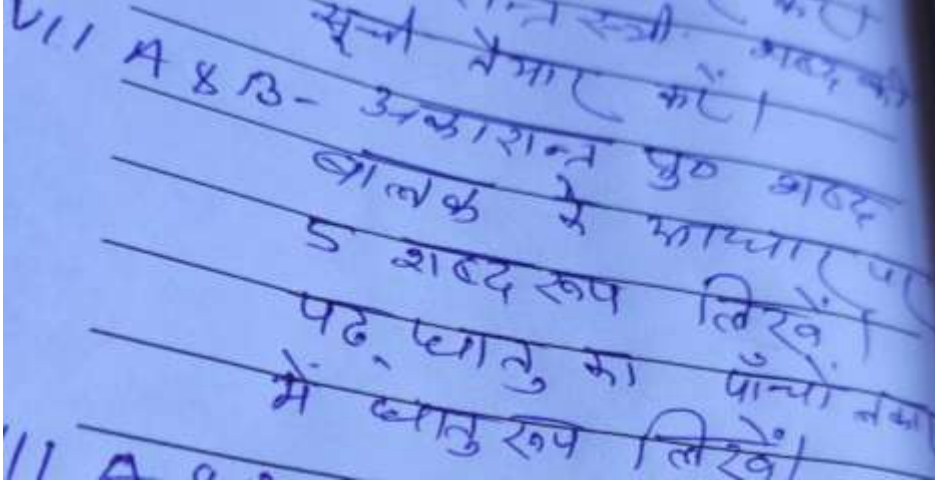
Q14: Why one thick blanket is less warm up than two thin blankets joined together?

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



# 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

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3. Map work

I. Locate and label the following major kingdoms (7<sup>th</sup> to 12<sup>th</sup> centuries)

- |                      |                 |
|----------------------|-----------------|
| A. Chahmanas         | C. Palas        |
| B. Gurjara Pratihara | D. Rashtrakutas |

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
- IV. Rock Cycle
- V. Evolution of Landforms
- VI. A volcano
- VII. Origin of earthquake
- VIII. Waterfall
- IX. Features made by a river in a flood plain

- X. A Delta
- XI. Features made by sea waves
- XII. Constituents of Air
- XIII. Layers of the atmosphere
- XIV. Major Pressure Belts and Wind System

#### SOCIAL AND POLITICAL LIFE-2

1. Define the given terms or words.

- I. Democracy
- II. Constitution
- III. Equality
- IV. Universal Adult Franchise
- V. Dignity
- VI. Mid-day-Meal
- VII. Civil Rights Movement
- VIII. Public

- IX. Private
- X. Medical Tourists
- XI. Communicable Diseases
- XII. OPD
- XIII. Ethnic
- XIV. Generic Names
- XV. Health

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

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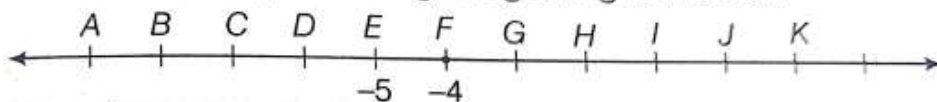
**HINDI**

## पञ्चा - खातकी (पुस्तक)

- ① मैंने आपके WhatsApp group में ऑनलाइन कक्षा का एक लिंक (Link) भेजा है। इस Link के माध्यम से आपको 30 पुन तक का हिस्सा का जो पाठ्यक्रम है, उसके जितने अध्याय आपको पसंद है, उन खूबी का अध्यायों का लगभग 150 शब्दों में अलग-अलग खण्ड लिखना है। (इसे हिस्से की कौपी में करना है)
- ② इस लॉकडाउन (गलाबन्दी) के समय में आपने या आपके परिवार ने किसी गरीब या असमर्थ व्यक्ति की कोई मदद की है तो उसकी एक रिपोर्ट (Report) लगभग 150 शब्दों में तैयार कर WhatsApp करें। अगर आपके पास इसका कोई फोटो या विडियो है तो उसे भी साझा (Share) करें।
- ③ घर पर रहे, अत्यधिक आकस्मकता से तबीयत से बाहर निकलें। अपने मोबाइल में आर्य समाज एप डाउनलोड करें। स्वस्थ रहने के लिए आदर्श दिन-चर्या का पालन करें।  
नोट: → इस Home work को हिस्से की कौपी में करना है।

## MATHS

- 1 A number line representing integer is given below



-5 and -4 are marked by E and F respectively, which integers are marked by B, C, I, J and K.

- 2 Fill in the blanks, using  $>$ ,  $<$  or  $=$ .

- (i)  $4 \dots 3 + 1$
- (ii)  $11 \dots -12$
- (iii)  $14 - 6 \dots 2 + 4$
- (iv)  $18 - 16 \dots + 2$
- (v)  $21 - 5 \dots 40 - 6$

- 3 Write :

- (i) the small counting number.
- (ii) the opposite of  $-5/2$ .
- (iii) the greatest negative number.
- (iv) the smallest positive integer.

- 4 Verify  $-a - b = -(a + b)$  for the following values of  $a$  and  $b$ .  
(i)  $a = 2, b = 5$  (ii)  $a = 3, b = 10$
- 5 Verify  $a - (-b) = a + b$  for the following values of  $a$  and  $b$ .  
(i)  $a = 12, b = -3$  (ii)  $a = -3, b = -5$
- 6 Arrange the following integers in descending order.  
(i)  $-7, 0, 5, -3, -10$  (ii)  $5, -11, 0, -5, 3, -2$
- 

- 7 Find the greatest and smallest integers in the following  
 $0, -20, 1, 2, -6$
- 8 Write 3 integers just preceding and just succeeding  $-7$ .
- 9 A cloud is at a height of 4000 m above the sea level. At a particular point, it is exactly above a submarine, which is floating 2400 m below the sea level. What is the vertical distance between them? **[HOTS]**
- 10 The maximum temperature of a city on a particular day was  $18^{\circ}\text{C}$  while the minimum temperature recorded on the same day was  $-3^{\circ}\text{C}$ . What is the fall in temperature? **[HOTS]**
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- 1 Write down a pair of integers whose  
(i) sum is  $-5$  (ii) difference is  $-2$
- 2 Write a negative and a positive integer whose sum is  $-6$ .
- 3 Fill in the blanks to make the following statements true  
(i)  $-6 + 8 = 8 + \dots$  (ii)  $[2 + 12] + 6 = 2 + [12 + \dots]$
- 4 Write down three pairs of integer whose sum is 4.
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- 10 The sum of two integers is  $-11$ . If one of them is 8, then find the other.
- 11 The difference of an integers  $x$  and  $(-5)$  is  $-3$ . Find the value of  $x$ .
- 

- 1 Find the product of  
(i)  $(-12) \times (-60)$  (ii)  $[(-4) \times (-5)] \times 4$   
(iii)  $(-1) \times (-5) \times (-4) \times (-6)$  (iv)  $(-3) \times 0 + [(-2) \times (-4)]$
-



6 Which one is greater?

(i)  $(-3) \times (-5) \times (-6)$  or  $(-3) \times 5 \times 6$

(ii)  $1 \times (-2) \times 4$  or  $(-2) \times (-4)$

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8 Evaluate the following, using distributive property.

(i)  $53 \times (-9) - (-109) \times 53$

(ii)  $(-85) \times 43 + 43 \times (-15)$

[NCERT E

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1 Find the value of

(i)  $125 + 5 + (-1)$ .

(ii)  $[169 + 13] + [26 + 2]$ .

(iii)  $[(-144 + 12) + [(-18 + 6)]]$

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4 Verify that  $a + (b + c) \neq (a + b) + (a + c)$  for the given integers.

(i)  $a = 1, b = 2, c = 3$

(b)  $a = 2, b = 5, c = -5$

5 Write True (T) or False (F) for the following statements.

(i)  $2 + (-2) = 1$

(ii)  $2 + 0 = 0$

(iii)  $0 + 5 = 6$

(iv)  $(-3) + (-3) = 1$

6 Simplify  $80 + [240 + (-24)] + 7$ .

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9 By what number should  $(-240)$  be divided to obtain 16?

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8. Height of a place A is 1800 m above sea level. Another place B is 700 m below sea level. What is the difference between the levels of these two places?

9. A green grocer had a profit of ₹47 on Monday, a loss of ₹12 on Tuesday and loss of ₹8 on Wednesday. Find his net profit or loss in 3 days.

[NCERT Exemplar

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- 1 Find the value of  $14\frac{1}{2} - 6\frac{1}{2}$ .
  - 2 Arrange the following in ascending order:  $\frac{2}{9}, \frac{4}{5}, \frac{7}{9}$ .
  - 3 Simplify  $\frac{4}{9} - \frac{4}{11} + \frac{1}{2}$ .
  - 4 What should be added to  $4\frac{1}{5}$  to get  $6\frac{2}{5}$ ?
  - 5 What should be subtracted from  $\frac{21}{32}$  to get  $\frac{9}{16}$ ?
  - 6 Express  $\left(4\frac{1}{5} + 6\frac{3}{5}\right) + \left(6\frac{2}{7} + \frac{4}{7}\right)$  in its simplest form.
  - 7 Vikram spent  $\frac{1}{4}$  of his money on a Science textbook and  $\frac{2}{3}$  of the remainder on stationary. What fraction of his money did he have left?
- 
- 8 Ram and Ankush had 4500 stamps altogether. If Ram had  $\frac{4}{5}$  as many stamps as Ankush, how many stamps did Ankush have?
  - 9 Arrange the fractions  $\frac{6}{11}, \frac{6}{19}, \frac{6}{27}, \frac{6}{35}$  in descending order. Then, find the fraction at the third position.
  - 10 A rectangular sheet of paper is  $11\frac{1}{2}$  m long and  $12\frac{1}{3}$  m wide. Find its perimeter.
-

- 1 Find the value of  $\frac{9}{12} \times 6 \times \frac{3}{4}$ .
  - 2 Is the value of  $\frac{3}{5}$  of 10 of 5 equal to 25?
  - 3 Which is greater  $\frac{3}{7}$  of  $\frac{3}{4}$  or  $\frac{3}{5}$  of  $\frac{4}{9}$ ?
  - 4 Which is smaller  $1\frac{1}{2}$  of  $\frac{16}{5}$  or  $1\frac{1}{2}$  of  $\frac{31}{5}$ ?
  - 5 Find (a)  $\frac{5}{6}$  of a rupee (b)  $\frac{9}{10}$  of a kilogram.
  - 6  $\frac{3}{4}$  of  $\frac{5}{6}$  of 1664 = \_\_\_\_\_
  - 7 Ashish spent  $\frac{1}{6}$  of his money on a hat and ₹ 950 on a shirt. If he had ₹ 1200 at first, how much money did he have left?
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- 8 Mr. Ram spent  $\frac{1}{4}$  of his salary on food,  $\frac{1}{3}$  of his salary on house and  $\frac{1}{3}$  of his salary on car. What fraction of his money was kept for savings?
  - 9 Sugar is sold at ₹  $17\frac{3}{5}$  per kg. Find the cost of 16 kg of sugar.
- 

- 7 By what number, should  $4\frac{2}{3}$  be multiplied to get  $9\frac{1}{3}$ ?
  - 8 A wire of length  $4\frac{2}{5}$  m is cut into like 5 pieces of equal length. Find the length of each piece.
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- 1 Find the smaller decimal number from the following decimal numbers.  
(a) 26.047 or 26.043                      (b) 49.146 or 46.876
-

- 9** Express 40 g in kg using decimals.
- 10** Arrange in descending order.  
6.2, 2.4, 12.46, 12.34, 46.16, 46.21
- 11** What is added to 46.85 to get 53.21?
- 12** What is to be subtracted from 16.12 to get 4.02?
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**1** Calculate the value of

(a)  $6.4 \times 5.2 \times 1.9$

(b)  $246.46 \times 100 \times \frac{1}{2}$

(c)  $329.39 \div 3.1$

(d)  $4269.31 \div 41 \div 100$

**2** Evaluate the product of  $12 \times 1.2 \times 1.24$ .

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