

# HOLIDAY HOMEWORK 2020-21

## CLASS VII

### ENGLISH

1. Complete Unit-1 (People at Work) and Unit-2 (Relationships) of English Reader book.
2. Read the lessons 'Monkey Trouble', 'A Hero', 'Fight Manju Fight' and 'Stone Soup in Bohemia' and make 10 multiple choice questions from each lesson. (In your Literature notebook)
3. Prepare a dictionary consisting 20 difficult words with their meaning from your English Literature book. Follow the given format: (In Notebook)

WORD -----> MEANING -----> PART OF SPEECH  
----->

SYNONYM AND ANTONYM -----> SENTENCE

4. Write at least 10 pages of handwriting neatly keeping in mind the correct formation of the alphabets.
5. The following passage has not been edited. There is an error in each line against which a blank is given. Write the incorrect word and the correction in the space provided. Remember to underline the word that you have supplied. (Notebook)

	Incorrect	Correct
Once there is a king who _____	(a) _____	
thought very much for himself.	(b) _____	_____
He talked of her own charms	(c) _____	_____
and about his greatness as the ruler.	(d) _____	_____
He wanted a people around him to	(e) _____	_____
believe him and talk of his great.	(f) _____	_____

6. Rearrange the given words and phrases to form meaningful sentences. Write the correct sentences.

1. with/polite/a person/can be/no one/angry

2. a polite man/puts/of others/first/always/the feeling
3. pure/drink/should/we/only/water
4. water/health/polluted/is/to/harmful/very
5. purify/are/ways/there/different/it/to
6. was/ performance/ impressed/ with/ quite/ his/ I
7. the/ please/ not/ do/ on/ grass/ step
8. every/ delicious/ father/ cooks/ evening/ pasta
9. brother/ an/ wants/ be/ my/ astronaut/ to
10. everything/ will/ sense/ make/ perfect/ someday
11. at/ top/ voice,/ the/ man/ his/ of /demanded /the /admission/ shouting
12. you/ where/ have/ this/ all/ while/ been/?

7. Write the meaning of the given PROVERBS:

- A bird in the hand is worth two in the bush • A friend in need is a friend indeed.
- A stitch in time saves nine.
- Absence makes the heart grow fonder.
- As you sow, so you shall reap.
- Beauty is only skin deep. • Better late than never.
- better safe than sorry
- Don't count your chickens before they're hatched.
- Don't cry over spilt milk.
- Don't judge a book by its cover.
- Don't throw the baby out with the bath water.
- Early to bed and early to rise makes a man healthy, wealthy and wise.
- Every cloud has a silver lining.
- God helps those who help themselves.
- Half a loaf is better than no bread.
- He who laughs last laughs longest. • Make hay while the sun shines
- Necessity is the mother of invention.
- Never put off till tomorrow what you can do today.
- One man's meat is another man's poison.

- Out of sight, out of mind.
- Rome wasn't built in a day.
- The best way to a man's heart is through his stomach.
- The end justifies the means.
- The grass is always greener on the other side of the fence.
- Too many cooks spoil the broth.
- Two heads are better than one.
- Waste not, want not.
- When in Rome, do as the Romans do.
- You can lead a horse to water, but you cannot make him drink.
- You can't make a silk purse out of a sow's ear.
- Let sleeping dogs lie.
- Hunger is the best sauce

## MATHS

### ASSIGNMENT

Q1. A wire is  $\frac{7}{10}$  m long. It is divided into 2 equal parts. What is the length of each part?

Q2. Find the value of  $\frac{3}{8} \times 11\frac{1}{2} \div \frac{15}{16}$

Q3. simplify  $4(\div)X$

Q4. Find the area of square whose each side is  $\frac{7}{5}$  cm.

Q5. Find the value of  $\frac{4}{15} \times \{ \frac{1}{4} + \frac{5}{6} \}$

Q6. Find 3 rational numbers between  $-\frac{1}{5}$  and  $\frac{1}{5}$

Q7. Find the difference between  $\frac{3}{5}$  of 30 km and  $\frac{2}{3}$  of 30 km.

Q8. A melon weighs  $1\frac{3}{4}$  kg. Work out the total weight of  $8\frac{1}{4}$  melons.

Q9. Simplify  $2\frac{1}{4} \times \frac{3}{14} \div \frac{12}{7}$

Q10. Simplify  $\frac{5}{7} - \frac{2}{3} + \frac{3}{14} - \frac{5}{7}$

Q11. Divide the difference of  $\frac{14}{5}$ ,  $-\frac{14}{20}$  by their product.

Q12. A carpenter cuts off  $\frac{1}{4}$  of its length and then  $\frac{1}{2}$  of what remains. If the remaining piece is  $m$  long, find the original length of the plank.

Q13. The length and breadth of a rectangular garden are 6 m and 4 respectively. Find its area.

**Tick the correct option.**

Q14 The identity element of addition of Rational numbers is

- (a) 0 (b) 1 (c) -1 (d) number itself

Q15 The identity element of subtraction is

- (a) 0 (b) not defined (c) 1 (d) -1

Q16 Every rational number has an absolute value

- (a) Equal to 0 (b) greater than 0 (c) greater than or equal to 0 (d) lesser than 0

Q17 On a number line the length of line segment joining 3 and -3 is (a)

- 0 unit (b) 6 units (c) -6 unit (d) 3 units

Q18 Between any two rational numbers we can find

- (a) Only one rational number (b) infinite rational numbers (c) none of the above

**DO ASSIGNMENT IN LOOSE SHEETS.**

Q19 Collect information about any five Mathematicians of the world. Make presentation on the following points.

1 Introduction of Mathematicians

2 Their main interests

3. Their discoveries/ contribution

4 Names of any books written by them.

Roll numbers 1-25 will prepare power point presentation on the above mentioned points.

Roll numbers 26-50 will prepare a file/folder in an innovative way showing art integration on the above mentioned points .

Q 20 Roll numbers 1-25 will make beautiful dictionary of mathematical terms and their meanings.

Roll numbers 26-50 will prepare song/ dance displaying meaning of mathematical terms.

## SCIENCE

### **PHYSICS /CHEMISTRY**

**1.ART INTEGRATION ACTIVITY** - Make a colourful collage using old upcycled fabrics .

**To make collage:**

Cut and glue the fabric pieces to make a piece of art.its a no-sew activity where in you can use fabrics of various colours and textures .

You can draw first on an A-4 sized sheet Or you can start layering fabrics and allow the process to flow.It is your piece of art.....let your creativity flow.It can be figurative or abstract

**2.EXPERIENTIAL ACTIVITY** -Make a weather scrap book On A4 sized sheets collect weather related information as temperature -maximum and minimum, ,humidity, cloudiness,Pressure ,Humidity in a tabular form. you can use information from newspapers or internet.

**3.**Read chapter Weather, climate and Adaptations of animals and Chemical substances and Processes.Underline the difficult words and make 5 multiple choice questions from each chapter(to be done in c.w. copy)

### **Assignment**

1. State similarities and differences between the laboratory thermometer and the clinical thermometer.

2. Give two examples each of conductors and insulators of heat.

3. **Fill in the blanks :**

(a) The hotness of an object is determined by its \_\_\_\_\_.

(b) Temperature of boiling water cannot be measured by a \_\_\_\_\_ thermometer.

(c) Temperature is measured in degree \_\_\_\_\_.

(d) No medium is required for transfer of heat by the process of \_\_\_\_\_.

(e) A cold steel spoon is dipped in a cup of hot milk. Heat is transferred to its other end by the process of \_\_\_\_\_.

(f) Clothes of \_\_\_\_\_ colours absorb more heat better than clothes of light colours.

4. **Match the following**

<b>Column-I</b>	<b>Column-II</b>
(i) Land breeze blows during	(a) summer
(ii) Sea breeze blows during	(b) winter
(iii) Dark coloured clothes are preferred during	(c) day
(iv) Light coloured clothes are preferred during	(d) night

5. Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.

6. In places of hot climate it is advised that the outer walls of houses be painted white. Explain.

7. One litre of water at 30°C is mixed with one litre of water at 50°C. The temperature of the mixture will be

(a) 80°C (b) more than 50°C but less than 80°C (c) 20°C (d) between 30°C and 50°C

8. An iron ball at 40°C is dropped in a mug containing water at 40°C. The heat will

- (a) flow from iron ball to water.
- (b) not flow from iron ball to water or from water to iron ball.
- (c) flow from water to iron ball.
- (d) increase the temperature of both.

9. A wooden spoon is dipped in a cup of ice cream. Its other end

- (a) becomes cold by the process of conduction.
- (b) becomes cold by the process of convection.
- (c) becomes cold by the process of radiation.
- (d) does not become cold.

10. Stainless steel pans are usually provided with copper bottoms. The reason for this could be that

- (a) copper bottom makes the pan more durable.
- (b) such pans appear colourful.
- (c) copper is a better conductor of heat than stainless steel.
- (d) copper is easier to clean than the stainless steel

## **BIOLOGY**

### **1. Activity-**

Draw a well labelled diagram of digestive system of humans and ruminants. Fill different colours in different organs.

**2. Survey\_ –** Find out when and under what conditions a \_\_\_ patient is given glucose drips. In what way does glucose help the patient to recover? Write your answer in the form of report .

**3. Read\_ ----\_ Chapter: Nutrition in living organisms –Animals and Respiration in living organisms . Prepare a crossword using scientific terms.**

Also write five difficult terms from each chapter along with their meanings.

#### 4. Answer the following questions

- Upper and lower surface of some leaves in a potted plant are covered with vaseline. It is observed that these leaves become yellow and fall off after some days. Why does this happen?
- Draw a neat and well-labelled diagram of stomata.
- You must have observed white cottony growth on leather articles and on stale bread in humid weather and greenish blue patches on rotting fruits.

Identify the organism responsible for the given phenomenon and explain its mode of nutrition.

- Name the following-
- A parasitic plant with yellow, slender and tubular stem\_\_\_\_\_.
- Tiny pores on the surface of the leaves \_\_\_\_\_.
- Bacteria fixing atmospheric nitrogen

\_\_\_\_\_.

- Some plants have leaves that are not green in colour.

Do such plants perform photosynthesis? Explain. • How do water and minerals present in the soil get absorbed?

- Define photosynthesis. Write the equation for photosynthesis.
- Briefly describe autotrophic and heterotrophic mode of nutrition.
- Distinguish between a parasite and a saprotroph. SOCIAL SCIENCE

Has been divided in three sections :

#### I Glossary Section :

Read Term I chapters thoroughly .

Underline the difficult words and write their meaning in the text book itself .

#### II Objective Type Questions ( OTP )

Prepare Objective Type Questions(OTP) of Term : I chapters mentioned below :

#### History :

Ch-9 : Medieval Period , Ch- 10 :The Rise of Small Kingdoms in North India ,



Ch-11 : The Rise of Small Kingdoms in South India ,Ch-12 : Turkish Invasions in North India , Ch: 13 : Delhi Sultanate **Political Science** :

Ch- 18 : Democracy and Equality , Ch-22 : Unpacking Gender **Geography**

:

Ch- 1 : Components of Environment , Ch-2 : The Earth and the Changes on it , Ch-3 : The Surface and the interior of the Earth , Ch-4 : Air around Us .

**NOTE** : Objective Type Questions ( One word Answers , Fill ups , MCQ, , True/ False , Match the following , Assertion and Reasoning ) should be typed on Ms Word and a print out to be pasted neatly in C.W. note book ( Both hard and soft copy will be assessed )

The chapters for OTP has been allocated class wise :

VII - A , B , C will prepare OTP on Ch- 1 , 2 , 9 , 10 , 11 , 18

VII – D , E , F will prepare OTP on Ch- 3, 4 , 12 , 13 , 22 III

**Project Work ( for all the classes ) :**

(a) Prepare a **NEWSLETTER** on : “ **Conservation of Water** “

Based on CH- Water Surrounding the Earth ( Project Based Chapter)

Guidelines for preparing newsletter are as follows :

(i)It should have 5-6 leaflets in it . Prepare it as if you are reading the newspaper .

(ii)Heading of the newsletter should be self – created ( For example : ‘ The Neer Times ‘ )

(iii) Content should cover everything based on water ( poems ,riddles, jokes , maths corner , Caricature/cartoon , water conservation methods, Glaciers melting , water scarcity problems , water Cycle Process , farmer’s plight due to water shortage )

(iv) Creative and pictorial Presentation is must .

(b) Design Social advertisement on Theme : ‘ Prevention of Covid19’ creating global awareness ( Based on CH- 21 , Advertising and

Democracy – Project based Chapter ) . Use A-4 size sheet / Pastel Sheet .

NOTE: Project work will be assessed on the following Rubrics : (Originality , Creative Presentation , Content Accuracy , Timely Submission )

## COMPUTER

Explore following new software at home to learn how to:

- unleash your creativity and bring your ideas to life with **Paint 3D**.
- create your own interactive stories, games, and animations with **Scratch**.
- create visually striking presentations with **Sway**.
- build, share and play games with **Kodu**.
- create interactive multiplayer games with **Minecraft**.

Suggestive topics-

- E-learning during lockdown 2020
- Virtual learning v/s School Learning
- Activities you can perform during lockdown at home.

## SANSKRIT

(1) पाठ -1 और 2 याद कर | (2) बालक , रमा , फल , अ म , (तत , क्म ) ्तीन लगं म कॉपी म लख और याद कर |

(3) था , (त ) , भ ( ूभव ) ्, अस , क ृ , धात

ुके प ल , ल ृ , ल लकार म कॉपी म लख और याद कर | नैतिकशा

## नैतिकशिक्षा

आय समाज के 10 नयम को अपनी पाठ्यपुस्तक अथवा कुर्ल डायरी से देखकर A-4 size sheet पर सफरता से लखु और याद कर ।

### **HINDI**

1. तदन हदं अखबार पढ़ए और मयु समाचार का सकलन तयार किजए।
2. वी मावकाश के दौरान अपनी मां के साथ बनाई गई कसी मजेदार यजन क वध को रोचक शलै म ततु किजए।
3. चांदनी चौक क ऐतहासकता पर सच जानकार एक त कर रपोट तयार किजए।  
जसै - गौर शंकर मंदर 'गु तगे बहादरु जी का शहादत थल , लाल कला आद
4. ेमच द क तनध कहानय को पढ़ए और सार तथा सीख के साथ ततु किजए।

गतवध - A4 साइज क शीट पर किजए।

### **FRENCH**

Make picture dictionary of total 30 words i.e 10 verbs of each 'er', 'ir', 're' verbs with small size pictures in your French notebook.

## **INTERDISCIPLINARY PROJECT**

### **TOPIC: WEATHER AND CLIMATE**

#### **SCIENCE**

Make a weather scrap book. On A4 sized sheets collect weather related information as temperature -maximum and minimum, humidity, cloudiness, Pressure and represent in a tabular form. You can use information from newspapers or internet.

#### **MATHEMATICS**

Record maximum and minimum temperature of 1 week of Delhi and then represent recorded information with the help of Bar Graph separately for maximum and minimum temperatures.

## SOCIAL SCIENCE

Present the layers of atmosphere along with its features on A-4 size Pastel sheet. Decorate it with the waste material available at home (example: paper quilling). (Refer Ch- Air around Us )

## ENGLISH

During the lockdown, as almost all human activities like, industries, vehicles, factories, have come to a halt, we have observed a drastic improvement in Delhi's Air Quality.

Write a speech expressing your views about the reasons for this change, highlighting the fact that humans are indeed exploiting and misusing the gifts of mother nature.

## HINDI

प्रतिदिन हिंदी अखबार पढ़िए और किन्हीं पाँच दिनों के मौसम संबंधी समाचारों का संकलन तैयार कर अपने विचार व्यक्त कीजिए।

गतिविधि - A4 साइज की शीट पर कीजिए।

## नैतिक शिक्षा

A4 size शीट पर निम्नलिखित गतिविधियों को उल्लेखित करें –

1. भारत में कितने प्रकार की ऋतुएं हैं? उनके नाम लिखें और रंगीन कागज़ से टुकड़ों को काटें और चिपकाकर सुंदर चित्रों का निर्माण करें।
2. वर्तमान समय में दिल्ली के मौसम /वातावरण में आप क्या बदलाव देख रहे हैं? पहले और वर्तमान समय की तुलना करते हुए 10 पंक्तियां लिखें।

## SANSKRIT

भारत में आने वाली छः (6) ऋतुओं के नाम A4 साइज शीट पर सुंदरता से लिखकर उनका वर्ण-विच्छेद करें।

