

TDI International School
Holiday Homework 2021-22
Class: VII

Instructions:

† *Holiday homework should be completed in separate note-book.*

† *Diagram should be drawn by pencil.*

i) Cover Page and Creativity

ii) Content and Material

English
CLASS – VII

Name: _____

Date: _____

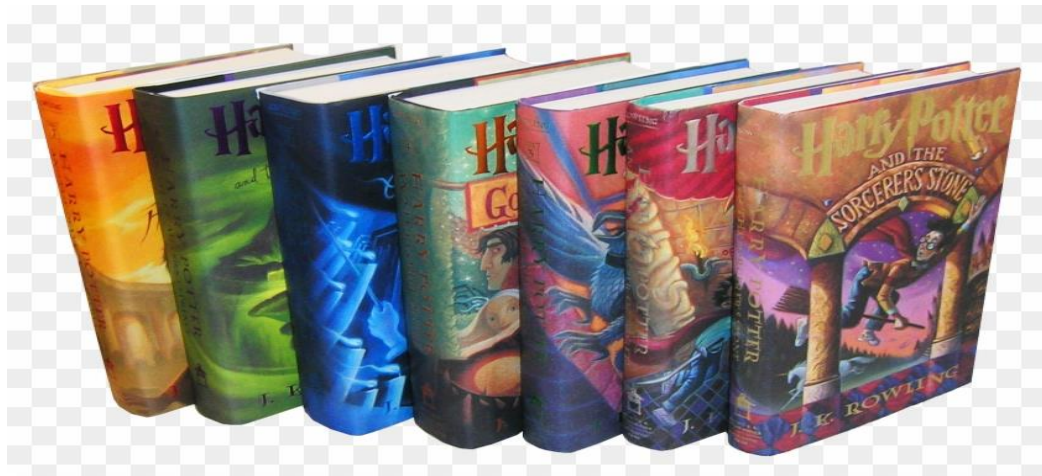
Instructions for compilation of Holiday Homework:

1. All the students are required to revise the syllabus covered so far thoroughly.
2. All homework is to be done in a thin notebook (separate for English). Students can take printout / handout of the holiday's homework and compiled it in a hard bound file / folder. Design an attractive cover for your file / folder.
3. Remember a well presented "Holiday Home Work" fetches you marks and appreciation of your teachers and classmates.
4. Parents are requested to let their children complete the homework by their own under your guidance.
5. Summer break is a perfect opportunity to improve your handwriting. Let's do transcription of 20 pages in a thin notebook. You may copy down short newspaper report every day.
6. Read and complete Ch-26, 27, 28, 2, 30 in Grammar & Composition book.

ACTIVITY: LET'S READ

Summer break also provides an opportunity to indulge oneself in pleasure reading. Read the following book online and write:

1. The Harry Potter Series



- a. Synopsis of the book (any one)
- b. The character you liked the most and why
- c. 10 new words with their meanings, synonyms and usage in a sentence.

1. THE SENTENCES

A. Change the sentences according to the given instructions.

1. Have I ever gone anywhere without you? (Change to assertive)

2. It is a lively crowd. (Change to exclamatory)

3. Oh, what a terrible loss! (Change to assertive)

4. Who does not want to be happy? (Change to assertive)

5. Get lost! (Change to assertive)

6. This game looks interesting. (Change to interrogative)

7. This is the way to the library. (Change to interrogative)

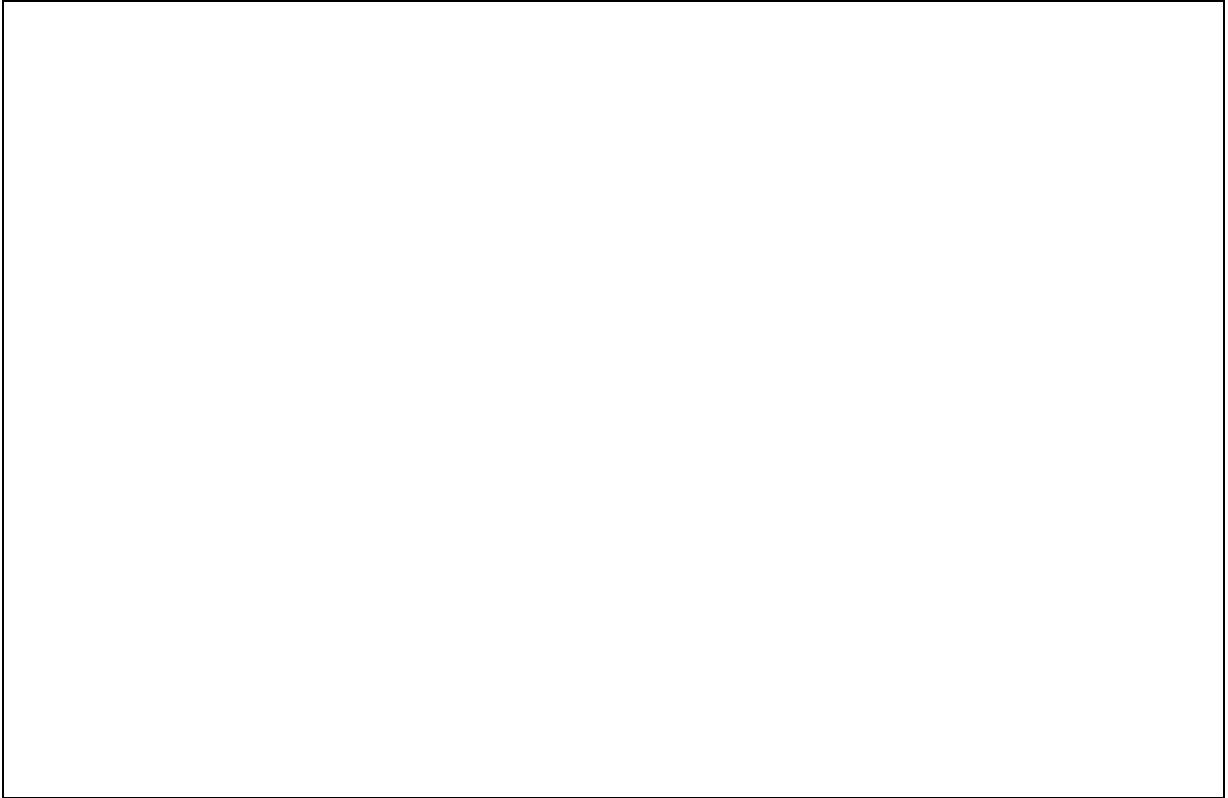
8. Will the train arrive on time? (Change to assertive)

9. You will close the door. (Change to imperative)

10. Never do that again! (Change to interrogative)

NOTICE – WRITING

All sections of class VII are being taken on a trip to the hills during the summer vacations. Write a notice, on behalf of the Principal of the school, asking students to give their names. Give the necessary details about the trip.



Q. Art Integration Activity: Design a poster to increase awareness among the people on COVID-19 and the precautions that should be taken to prevent it. Also give a catchy slogan.

ACTIVITY: LET'S WRITE

9. You have been under a lockdown for the past many days. These days have been a constant roller coaster of various emotions including fear, happiness, fun, sadness, etc. Maintain a personal diary and write one diary entry every day, sharing your feelings and emotions. (In a thin separate notebook).

ACTIVITY: LET'S SPEAK

Q. Make a video in a proper school uniform (not more than 2 mins) and share your views on a topic '**Not everything we find online is true!**

Pronouns

Q. Identify the highlighted pronouns and write its types:

a. **I** always accomplish my tasks in time.

b. They **themselves** have dug up a well for the villagers.

c. **Which** planet is called the blue planet?

d. This is the boy **whose** work I was appreciating.

e. He has made **himself** a jack of all trades.

f. **Either** of the boys can win the task.

g. **That** may be bus no. 555.

h. The two naughty boys threw pebbles at **each other**.

i. **Nobody** can succeed without honesty and integrity.

j. This house of **theirs** is quite old.

k. Pay heed to **what** I say.

l. **Someone** has parked the scooter at the wrong spot.

m. Where is the woman who gave you this information?

n. The runner who won the race was trained hard.

o. A person should take care of his children.

p. Few escaped the tragedy.

q. This idea of yours is good.

Activity 3: Vocabulary Enrichment

Instructions:-

1. This activity is to be done thrice a week.
2. Write any new word that you have learnt in your day to day activity /through dictionary/your reading or storybooks.
3. You can complete this activity on printout of this page or A-4 size sheet.

~ WORD OF THE WEEK ~

WORD:

PART OF SPEECH: (circle one)

noun verb
adjective

DEFINITION: _____

SYNONYM:

ANTONYM:

SENTENCE: _____

ILLUSTRATION: →

RATE YOUR
UNDERSTANDING: (circle one)



1. Subject Hindi

Holiday Homework 2021-22

1. निम्नलिखित गद्यांश को पढ़कर उचित प्रश्नों के उत्तर दीजिए;

ताशी और नुंगशी को आज कौन नहीं जानता? इन्होंने एक दो नहीं वरन् सातों महाद्वीपों की सर्वाधिक ऊंची चोटियों पर तिरंगा फहरा कर अपना ही नहीं पूरे देश का नाम रोशन किया है। यह दोनों जुड़वा बहने हैं। इनका जन्म 21 जून 1991 में मेरठ में हुआ था इनके पिता सेवानिवृत्त कर्नल वीरेंद्र सिंह मलिक हरियाणा के सोनीपत जिले में गोहाना के निकट आंवली गांव के मूल निवासी हैं, जो अब देहरादून में रहते हैं।

क. ताशी की बहन का क्या नाम है?

मुंशी

नुंगशी

रचना

अवनी

ख. दोनों बहनों का जन्म कब हुआ?

21 जून 1991

21 जून 1995

21 जून 1990

20 जून 1991

ग. इनके पिता का क्या नाम था?

वीरेंद्र सिंह

राजेंद्र सिंह

राजपाल सिंह

नरेंद्र सिंह

घ. इनके पिता मूल रूप से कहां के निवासी थे?

राजस्थान

पंजाब

हरियाणा

देहरादून

च. दोनों बहनों ने कितने महाद्वीप ऊपर तिरंगा फहराया?

ऑस्ट्रेलिया

एशिया

अफ्रीका

सातों महाद्वीपों पर

2. भू का यौवन कैसा है?

सुंदर

शस्य श्यामल

गर्म

सूखा

3. कवि क्या बोलना चाहता है?

वृक्ष

पौधे

बीज

अनाज

4. कवि किस कारण अंधा हुआ था?

आंख में तिनका गिरने के कारण

घमंड के कारण

मद्यपान के कारण

शारीरिक विकलांगता के कारण

5. कवि की आंख में क्या गिर गया था?

तिनका

कंकड़

रेत के कण

धूल के कण

6. कवि को ताना किसने दिया?

पड़ोसी ने

मित्रों ने

संबंधियों ने

स्वयं कवि की समझने

7. एक तिनका कविता के कवि कौन हैं?

अयोध्या सिंह उपाध्याय

जयशंकर प्रसाद

सूर्यकांत त्रिपाठी

महादेवी वर्मा

8. धरती का इठलाना के कवि कौन है?

हरि ओम जी

विश्वास जी

सुमित्रानंदन पंत जी

मधु कांकरिया

9. धरती की सुंदरता कहां नहीं समाती है?

स्वर्ग लोक में

भारत में

पाकिस्तान में

हरियाणा में

10. धरती का आंगन किसे लुभाता है?

अंतरिक्ष का

आसमान का

सूर्य का

चंद्रमा का

2.Subject Hindi

1. दीपा को कौन सा पुरस्कार दिया गया?

वीरता पुरस्कार

परमवीर चक्र

खेल रतन

भीम पुरस्कार

2. बच्चों की मगरमच्छ से कैसे रक्षा हुई?

महिलाओं ने रस्सी से बचाया

महिलाओं ने पत्थर बरसाए

कर कर

अपने आप

3. दीपा को पुरस्कार किसने दिया?

नरेंद्र मोदी

जवाहरलाल नेहरू

इंदिरा गांधी

डॉ मनमोहन सिंह

4. विवेकानंद जी के गुरु कौन थे?

नरेंद्र नाथ

रविंद्र नाथ टैगोर

रामकृष्ण परमहंस

महाकाली

5. विश्व का पहला सर्व धर्म सम्मेलन कहां हुआ था?

शिकागो

वाराणसी

हरिद्वार

मक्का मदीना

6. विवेकानंद जी को अमेरिका में किस कारण प्रसिद्धि मिली?

उनकी दयालुता के कारण

उनके विचार और उपदेशों के कारण

उनकी देशभक्ति के कारण

उनकी गुरु भक्ति के कारण

7. चौधरी शहर में क्या बेचने के लिए गया था?

टोपियां

बकरियां

लकड़ियां

अनाज

8. जमीन पर नाक रगड़ना, का क्या मतलब है?

गिड़गिड़ा कर क्षमा करना

शारीरिक व्यायाम करना

जमीन साफ करना

गुस्से से उठना

9. लाला झाऊलाल से उसकी पत्नी ने कितने रुपए मांगे थे?

₹500

ढाई सौ रुपए

₹300

₹200

10. बिलवा सी जी ने अंग्रेज को किस की कहानी बताई?

जहांगीरी अंडे की

अकबरी लोटा की

अकबर की

बीरबल की

3.Subject Hindi

क्रियात्मक एवं चार्ट पर बनाई जाने वाली क्रिया विधि

1.10 सुलेख लिखें।

2. स्वयं द्वारा बनाई गई कहानी या कविता नोटबुक में लिखें।

3. शब्द विचार के भेद और उप भेदों को वृक्ष की टहनियों पर उदाहरण सहित दर्शाए।

4. कोरोना सुरक्षाकर्मियों के लिए धन्यवाद पत्र लिखकर या फोटो बनाकर उनका प्रोत्साहन करें।

5. सातों महाद्वीपों की प्रमुख चोटियों के नाम व उन पर सबसे पहले चढ़ने वाले व्यक्तियों के नाम लिखें।

4. Subject Hindi

1. निम्नलिखित गद्यांश को पढ़कर उचित प्रश्नों के उत्तर दीजिए:

महात्मा गांधी अपना काम अपने हाथ से करने पर बल देते थे। वे प्रत्येक आश्रम वाशी से आशा करते थे की वह अपने शरीर से संबंधित प्रत्येक कार्य सफाई तक स्वयं करेगा। उनका कहना था की जो श्रम नहीं करता है, वह पाप करता है और पाप का अन्न खाता है। ऋषि-मुनियों ने कहा है बिना श्रम किए जो भोजन करता है, वह वस्तुतः चोर है। उनका समस्त अर्थशास्त्र यही बताता था की प्रत्येक उपभोक्ता को उत्पादन करना चाहिए। उनकी नीतियों की उपेक्षा करने के परिणाम हम आज भी भोग रहे हैं। न गरीबी कम होने में आती है, न बेरोजगारी पर नियंत्रण हो पा रहा है और न अपराधों की वृद्धि को रोकना हमारे वश की बात हो रही है। दक्षिण कोरियावासियों ने श्रमदान करके ऐसे श्रेष्ठ भवनों का निर्माण किया है, जिनसे किसी को भी ईर्ष्या हो सकती है।

क. उचित शीर्षक दीजिए!

श्रमेव जयते

गांधीजी

अहिंसा परम धर्म

गांधी जी के श्रम संबंधी विचार

ख. समस्त का पर्यायवाची-

विग्रह

अस्त

संपूर्ण

एकल

ग. महात्मा गांधी चोर किसे कहते थे?

चोरी करने वाले को

अन्याय करने वाले को

शोषक को

बिना श्रम भोजन करने वाले को

घ. गांधीजी के अनुसार पापी कौन है?

हिंसक

झूठ

श्रम न करने वाला

अत्याचारी

च. आश्रम में सफाई का काम कौन करता था?

गांधीजी

कर्मचारी

सभी बारी बारी से

सभी लोग स्वयं करते थे।

2. भाषा किस प्रकार का साधन है?

विचारों के आदान-प्रदान का

व्याकरण का

बोलने का

लिखने का

3. भाषा के नियमों का शास्त्र क्या कहलाता है?

भाषा

वेद

ज्योतिष

व्याकरण

4. भाषा के कितने भेद होते हैं?

एक

दो

5

4

5. मुख से बोले जाने वाली भाषा कहलाती है।

मौखिक

लिखित

सांकेतिक

दार्शनिक

6. हिंदी की लिपि कौन सी है?

गुरुमुखी

रोमन

देवनागरी

हिंदी

7. संविधान में कितनी भाषाओं को मान्यता प्राप्त है?

20

8

22

21

8. हिंदी किस प्रांत की राजभाषा है?

भारत

हरियाणा

गुजरात

बंगाल

9. भाषा का मूल रूप कौन सा है?

लिखित

सांकेतिक

मौखिक

पठित

10. वर्ण किसे कहते हैं?

जिस के टुकड़े नहीं हो

संधि

शब्द

अक्षर

5. Subject Hindi

1. वर्णों के समूह को कहते हैं।

वर्णमाला

शब्द

अर्थ

ध्वनि

2. स्वर के भेद कौन से हैं?

ह्रस्व

दीर्घ

प्लुत

सभी

3. वर्णों के सार्थक समूह को कहते हैं?

शब्द

अर्थ

संधि

समास

4. शब्द के कितने भेद होते हैं?

एक

दो

चार

सात

5. स्रोत के आधार पर शब्द के भेद हैं।

तत्सम

तद्भव

विदेशी

सभी

6. वर्षा का तद्भव शब्द है।

बारिश

बरस

वर्ष

वृक्ष

7. काल का अर्थ कौन सा है?

समय

मृत्यु

यमराज

सभी

8. आंख के पर्यायवाची है।

नेत्र

नयन

दोनों

देखना

9. छाया का विलोम शब्द है।

गर्मी

धूप

सर्दी

परछाई

10. रचना के आधार पर शब्द के भेद कौन से हैं?

रूढ़ शब्द

योगिक शब्द

योगरूढ़ शब्द

सभी

HOLIDAY HOMEWORK

CLASS-VII (Mathematics)

Dear Parents

For this summer vacation, we have planned assignments and activities to keep the children engaged and also help them in channelizing their energies. Kindly help and guide your ward in completing his/her work and also exploring his/her creative self.

General Instructions-

- The Holiday Homework is to be done neat and tidy handwriting, in separate folders or files as per the given instructions.
- Holiday Homework must be submitted within three working days after opening school, to the respective teachers.

- Make a set routine for him/her to do holiday homework as regular practice improves his/her learning and writing skills instead of forcing them to do their holiday homework at the eleventh hour.
- Spend quality time with your child engaging him / her in activities based on enhancing his / her powers of observation and imagination.
- Make sure that the Holiday Homework is to be done according to the given instructions and with neat and tidy handwriting.
- Above mentioned guidelines will help your child to become a smart and an active learner.

SUBJECT: MATHEMATICS

CHAPTER 1- INTEGERS

Note: Complete the following chapter wise assignment on separate sheets and put in separate folder:

1. Write two integers which are smaller than -5 but their difference is greater than -5.
2. Find the sum of integers -72, -237, -84, 72, -184, -37.
3. In a class test 4 marks were awarded for every correct answer, 2 marks are deducted for every incorrect answer and no marks are given for not attempting question. Ravi scored 20 marks. If he has got 8 correct answers, how many questions has he attempted incorrectly?
4. Evaluate the following :
 - a. $(-7) \times (-9) \times (-11)$
 - b. $(-5) \times 7 \times (-6) \times (-8)$
5. Find the sum of first five positive consecutive integers divisible by 3?
6. A plane is flying at a height of 4000m above the sea level. At a particular point, it is exactly above a submarine floating 1000m below the sea level. What is the vertical distance between them?
7. A monkey is trying to climb a pole measuring 15 m , which is greased. He tries to climb 3 m and slips down 2 m every time. In how many attempts will the monkey be able to climb 10 m of the pole?

8. Write down a pair of integers whose :
(a) Sum is -4 (b) differences is -10
9. In a quiz , team A scored 20 , -10 , 34 and team B scored -10 , 20 , 34 in three successive rounds. Which team scored more?
10. The temperature of a hot iron rod is 250°C . Every minute, the temperature drops down by 10°C . What will be the temperature of the iron rod after 12 minutes?

CHAPTER - FRACTIONS AND DECIMALS

1. How many $\frac{1}{16}$ kg boxes of chocolates can be made with $1\frac{1}{2}$ kg chocolate?
2. Arrange $\frac{3}{7}$, $\frac{9}{35}$, $\frac{11}{14}$, $\frac{13}{28}$ in ascending order.
3. In a class of 48 students, the number of boys is $\frac{2}{3}$ of the total strength. How many girls are there in the class?
4. Aditya devotes 6 hours to his studies every day. He devotes $1\frac{4}{5}$ hours to mathematics, $1\frac{1}{4}$ hours to English and the remaining time to study other subjects. How much time does he spend on other subjects? What is the importance of time management for students?
5. A car covers a distance of 45.6 km in 2.4 hours. How much distance will it cover in 1 hour?
6. By how much is the sum of 37.12 and 23.015 greater than their difference?
7. From a rope 68 m long, pieces of equal size are cut. If length of one piece is $4\frac{1}{4}$ m; find the number of such pieces.
8. A cricketer made 315 runs in the current IPL season. This is $\frac{2}{7}$ th more than what he made in the previous IPL last year. How many runs did he make last year?
9. Which is greater? $\frac{2}{7}$ of $\frac{2}{3}$ or $\frac{4}{5}$ of $\frac{2}{6}$.
10. Simplify: $\frac{3}{4} \times (5\frac{1}{3} \times 2\frac{1}{5}) \div \frac{7}{9}$

PROJECTS:

1. Students who have EVEN Roll Numbers
 - (a) Make chart on Properties of Integers.
 - (b) Multiplication of a fraction to a whole number (Hint Page 34, NCERT)
2. Students who have ODD Roll Numbers
 - (a) Make chart on Types of Fractions.
 - (b) Multiplication of Decimal Numbers with grid paper (Hint Page 48, NCERT)

Holiday Homework 2021-22

Instructions:

† *Holiday homework should be completed in separate note-book.*

† ✎ □ ■ ℳ ∞ ◆ ∞ ■ ∞ ℳ ● ℳ ∞ ■ ◆ □ □ & ✎

† *Diagram should be drawn by pencil.*

† ✎ ◆ ◆ ✕ ● ● ∞ ℳ ℳ ✕ ∞ ● ◆ ∞ ◆ ℳ ∞ □ ■ ◆ ∞ ℳ ∞ ∞ ✕ ◆ ✕ □ ✎

i) Cover Page and Creativity

ii) Content and Material

Assignment

A. History

1. Millions of foreign tourists visit India every year. Tourist departments of state governments use a specific tag line to attract tourists to their states. Write tag lines of any ten states. Write tag lines of any ten states on A4 size sheet.

2. Read the history of Prithviraj Chauhan from various sources [Books & Internet] and write in about 300 to 350 words.

B. Geography

3. Using dry colours draw neat and clean diagrams of the following on drawing sheets: a. Layer of the earth

b. Intrusive Igneous rocks

C. Civics

4. Use waste material to make symbol of National Political parties of India.

5. Prepare a chart and write down 'Right to Equality'.

Worksheet-1

1. What does Jambudivipa mean?
2. During the medieval times 'Hindustan' referred to which part of the Indian subcontinent?
3. Where are manuscripts preserved?
4. In which language did the Medieval Indian authors write?
5. Who were the writers of early Medieval India?
6. What is called the uppermost layer of the earth?
7. What is the radius of the core?
8. What are called igneous rocks?
9. What are Fossils?
10. What happens when Igneous and sedimentary rocks go under great heat and pressure?

Worksheet-2

1. Name the three major kingdoms of this period.
2. What did Devapala do?
3. Who was the first Pratihara king, who in the eight century AD bravely resisted Arab invasion?
4. Did royal official participate in the village assembly in Chola villages?
5. Who was Prithviraj Chauhan?
6. Name the four realms of the earth.
7. What is an ecosystem?
 8. Fill in the blanks: a. The earth is a _____ planet.
 - b. Earth is made up of several _____ layers.
 - c. _____ is the uppermost layer of the earth.

Options: Sima, crust, Dynamic, Concentric

9. Define Article 16 in the constitution,
10. Define EPIC.

Worksheet-3

1. What are the sources of information for the Delhi Sultanate?
2. Why did Razia Sultana fail to rule?
3. Who was the courtier poet of Alauddin khalji?
4. Why did Muhammad Bin Tuglaq's plan of shifting of capital fail?
5. Who was Qutubuddin Aibak?
6. Match the following columns:
a. P.T. Jawaharlal Nehru i) Chairman of the drafting committee
b. B. R. Ambedkar ii) First Prime Minister of India
c. Frank Anthony iii) Representative of the Parsees
d. Dr. H. P. Modi iv) Representative of the Anglo-Indian community
e. A state where the head of the state is elected v) Sovereign
f. A state where the government is run by the elected member of the people vi) Socialist
g. A state which is independent vii) Democratic
h. A state which lays emphasis on economics and social equality viii) Republic

Column A Column B

committee

Indian Community

State is an elected person

is run by the elected member

of the people

of external interference

Economics and social equality

Subject -Science

Instruction-

- Holiday homework should be completed in separate notebook.
- Do neat and clean work
- Diagram should be drawn by pencil.
- Make the proper notes for flip class.
- Use a small notebook (60 pages) and cover the book with special designs of your choice (think scrap book journaling).

It will be evaluated on the basis of:-

1. Cover page and creativity
 2. Content and Material
 3. Handwriting
1. Draw the labeled diagram of “photosynthesis, human teeth, human digestive system”
 2. Prepare chapter – “Food; Nutrition in Animals and Humans; Acids, Bases and Salts; Physical and Chemical changes”.
 3. Make a chart of –
 - i. Roll No. 1 to 7 – Photosynthesis
 - ii. Roll no. 8 to 14 – Human Digestive System
 - iii. Roll No. 15 to 21 – Saving Water
 - iv. Roll no. 22 to 28 – 5 Neutralisation Reaction
 - v. Roll No. 29 to 35 – Corona Virus
 4. Write a story on
 - i. Roll No. 36 to 42 – “Plants cook their food....”
 - ii. Roll No. 43 to 49 – “Journey of food to human digestive system....”
 - iii. Roll No. 50 to 54 – “ Corona – Build your immunity”
 5. Make a working model on any topic in group of four.
 6. Tap into your self-healing power and write various ways to boost your immune system.
 7. Grow any 5 different types of plant in self-made pot using waste and make a report to note down the different aspects of plant like – name of plant, source of plant, pattern of growth -
Day 1 – shown seed or a stem cutting
Day 5- seed germinates Day 7.....Day 9... Day 15- length of plant.....:

Click the pictures and make a collage on colourful sheet or paste in a scrap book.

8. Suggested movies you can watch during the summer holidays.

1. School of Rock 2. The man who knew Infinity 3. Journey to the centre of the earth

Write summary of any one movie and identify

1. Hero 2. Heroine 3. Villain 4. The funniest character

9. Prepare the following topic for “ Flip class”

i. Roll No. 1 to 7 – Autotrophic Nutrition

ii. Roll no. 8 to 14 – Heterotrophic nutrition

iii. Roll No. 15 to 21 – Human digestive system

iv. Roll no. 22 to 28 – Nutrition in animals

v. Roll No. 29 to 35 – Acids and Bases

vi. Roll No. 36 to 42 – Neutralisation reaction

vii. Roll No. 43 to 49 – Physical change

viii. Roll No. 50 to 54 –Chemical change

ix.

10. Do the given assignment.

Assignment

1. Organisms which prepare food for themselves using simple naturally available raw materials are referred to as

(a) heterotrophs

(b) autotrophs

(c) parasites

(d) saprophytes

2. In the absence of which of the following will photosynthesis not occur in leaves?

(a) Guard cells

(b) Chlorophyll

(c) Vacuole

(d) Space between cells

3. Pitcher plant traps insects because it

(a) is a heterotroph.

(b) grows in soils which lack in nitrogen.

(c) does not have chlorophyll.

(d) has a digestive system like human beings.

4. The term that is used for the mode of nutrition in yeast, mushroom and bread-mould is

- (a) autotrophic
- (b) insectivorous
- (c) saprophytic
- (d) parasitic

5. Which of the following pair of teeth differ in structure but are similar in function?

- (a) canines and incisors.
- (b) molars and premolars.
- (c) incisors and molars.
- (d) premolars and canines.

6. Read carefully the terms given below. Which of the following set is the correct combination of organs that do not carry out any digestive functions?

- (a) Oesophagus, Large Intestine, Rectum
- (b) Buccal cavity, Oesophagus, Rectum
- (c) Buccal cavity, Oesophagus, Large Intestine
- (d) Small Intestine, Large Intestine, Rectum

7. The swallowed food moves downwards in the alimentary canal because of

- (a) force provided by the muscular tongue.
- (b) the flow of water taken with the food.
- (c) gravitational pull.
- (d) the contraction of muscles in the wall of food pipe.

8. The acid present in the stomach

- (a) kills the harmful bacteria that may enter along with the food.
- (b) protects the stomach lining from harmful substances.
- (c) digests starch into simpler sugars.
- (d) makes the medium alkaline.

9. The finger-like outgrowths of Amoeba helps to ingest food. However, the finger-like outgrowths of human intestine helps to

- (a) digest the fatty food substances.
- (b) make the food soluble.
- (c) absorb the digested food.
- (d) absorb the undigested food.

10. The false feet of Amoeba are used for

- (a) movement only.
- (b) capture of food only.
- (c) capture of food and movement.
- (d) exchange of gases only.

11. The enzymes present in the saliva convert
- (a) fats into fatty acids and glycerol.
 - (b) starch into simple sugars.
 - (c) proteins into amino acids.
 - (d) complex sugars into simple sugars.
12. The correct way of making a solution of acid in water is to
- (a) add water to acid.
 - (b) add acid to water.
 - (c) mix acid and water simultaneously.
 - (d) add water to acid in a shallow container.
13. Products of a neutralisation reaction are always
- (a) an acid and a base.
 - (b) an acid and a salt.
 - (c) a salt and water.
 - (d) a salt and a base.
14. Turmeric is a natural indicator. On adding its paste to acid and base separately, which colours would be observed
- (a) Yellow in both acid and base.
 - (b) Yellow in acid and red in base.
 - (c) Pink in acid and yellow in base.
 - (d) Red in acid and blue in base.
15. Phenolphthalein is a synthetic indicator and its colours in acidic and basic solutions, respectively are
- (a) red and blue.
 - (b) blue and red.
 - (c) pink and colourless.
 - (d) colourless and pink
16. When the soil is too basic, plants do not grow well in it. To improve its quality what must be added to the soil?
- (a) Organic matter
 - (b) Quick lime
 - (c) Slaked lime
 - (d) Calamine solution
17. Which of the following is a physical change?
- (a) Rusting of iron
 - (b) Combustion of magnesium ribbon
 - (c) Burning of candle
 - (d) Melting of wax
18. Which of the following is a chemical change?
- (a) Twinkling of stars

(b) Cooking of vegetables

(c) Cutting of fruits

(d) Boiling of water

19. A chemical change may involve –

(a) change in colour only

(b) change in temperature only

(c) evolution of gas only

(d) any or all of the above

20. Which of the following is/are true when milk changes into curd?

(i) Its state is changed from liquid to semi solid.

(ii) It changes colour.

(iii) It changes taste.

(iv) The change cannot be reversed.

Choose the correct option from below :

(a) (i) and (ii) are correct

(b) (ii) and (iii) are correct

(c) (i), (iii) and (iv) are correct

(d) (i) to (iv) are correct

21. Iron pillar near the Qutub Minar in Delhi is famous for the following facts. Which of these facts is responsible for its long stability?

(a) It is more than 7 metres high.

(b) It weighs about 6000 kg.

(c) It was built more than 1600 years ago.

(d) It has not rusted after such a long period.

22. Spot as many organisms as possible in the puzzle given by encircling them.

Write a names on a sheet of paper and categorize them into autotrophs and heterotrophs. Classify the heterotrophs into herbivores, carnivores omnivores & saprotrophs.

B	R	O	S	E	A	T	C	R	O	W
A	A	G	N	B	H	I	N	D	I	B
N	B	N	G	I	N	G	E	R	C	L
Y	B	A	N	H	B	E	C	O	W	F
A	I	M	U	S	H	R	O	O	M	F
N	T	G	B	E	R	M	W	F	I	O
E	L	E	P	H	A	N	T	S	C	X
T	S	A	E	Y	N	P	H	B	E	E
C	A	R	R	O	T	U	L	S	I	X

23. Find out the formula of the following compounds.

(A) Water (B) Salt (C) Sugar (D) Carbon dioxide (E) Carbon monoxide (F) Vinegar (G) Washing soda (H) Baking soda (I) Hydrochloric acid (J) Magnesium chloride

24. Write the symbols of some common elements and groups

(i) Hydrogen (ii) Oxygen (iii) Aluminium (iv) Carbon (v) Nitrogen (Vi) Sulphur (vii) Iron (viii) Phosphate (ix) Chlorine (x) Iodine

25. Brain twister-

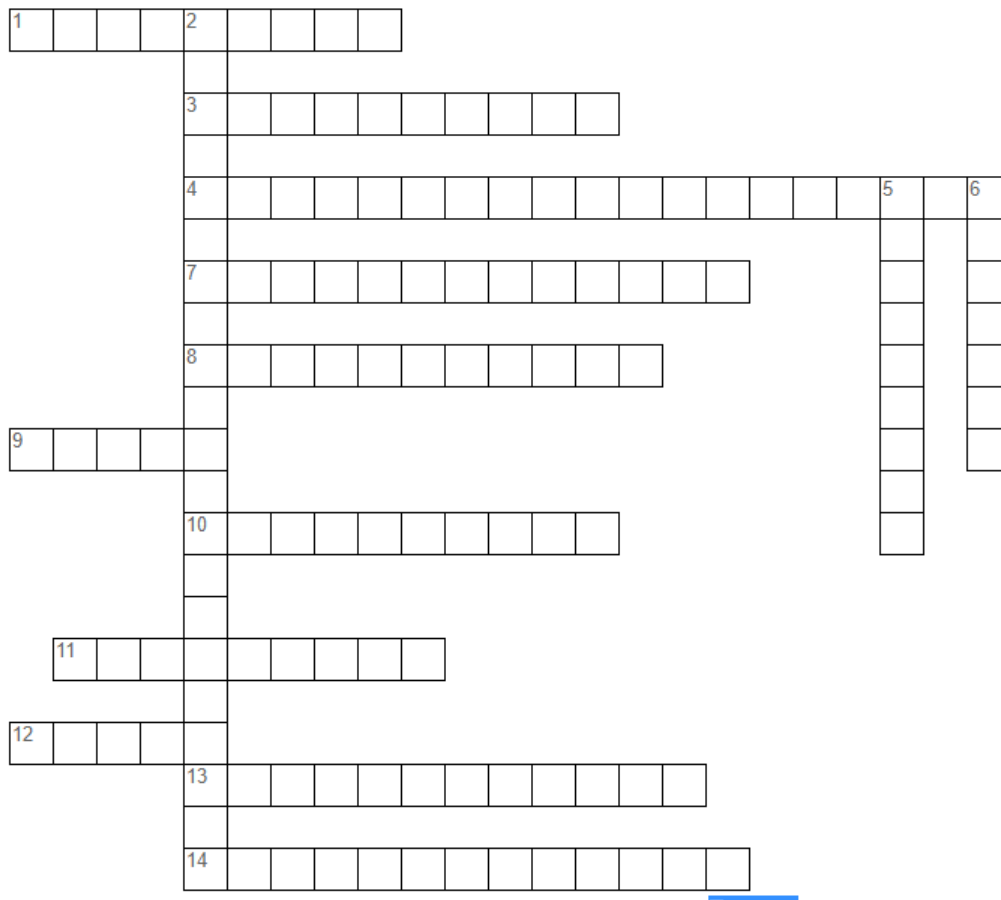
i. Based on nutrition in plants

Across

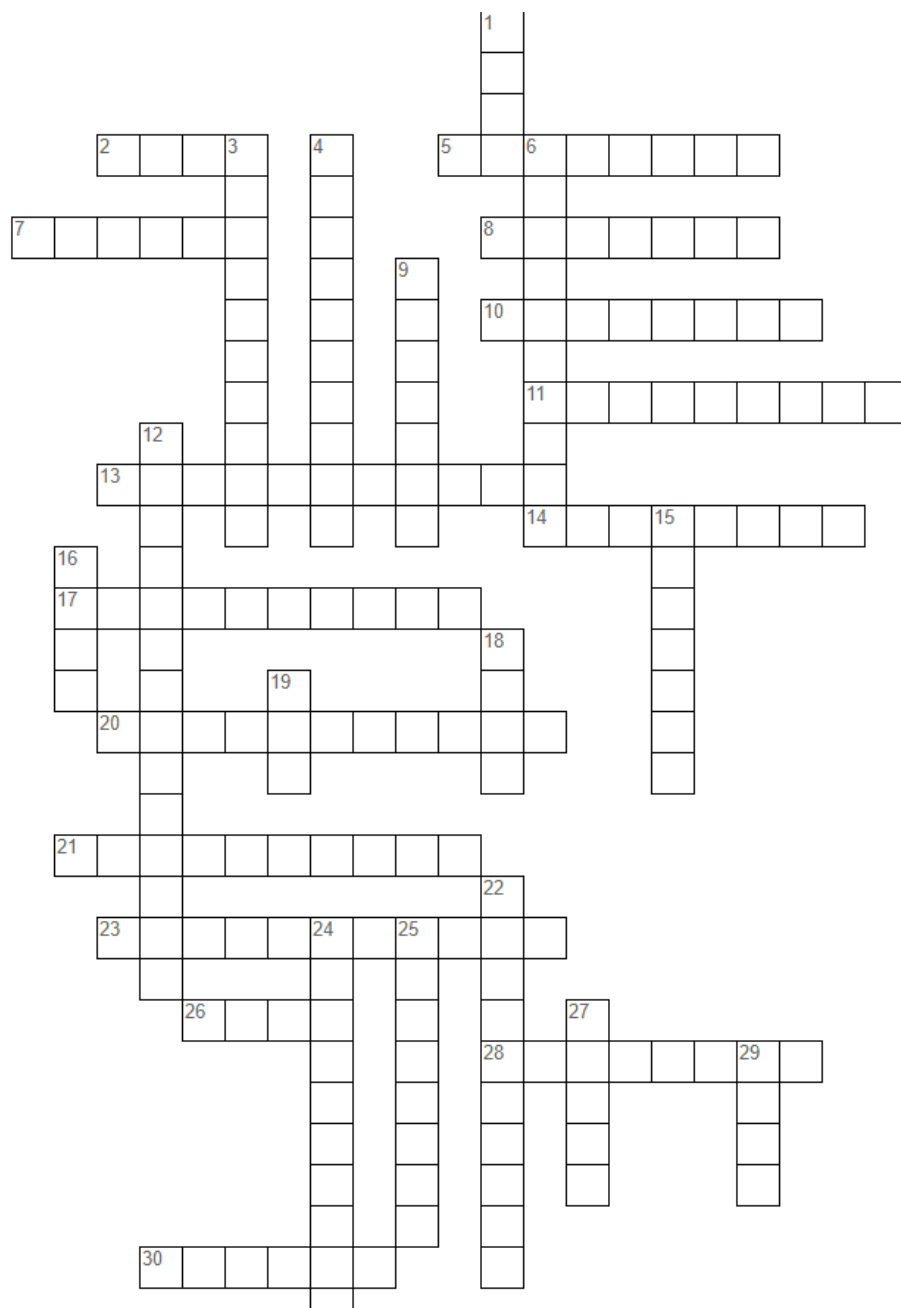
- 1 organism feed on their host
- 3 an instrument for to see small objects
- 4 carnivorous plants that feed on insects
- 7 evaporation of the water
- 8 green pigment present in plants
- 9 a unicellular or multicellular organism relater to thallaphyta group
- 10 make their food itself in the presence of sunlight
- 11 A fluid present in the cell
- 12 an instrument for to see very small objects
- 13 depend on other organism for their food
- 14 process of converting chemical energy from light energy of organism

Down

- 2 close relationship of organism with other
- 5 organic compounds
- 6 tiny pores present in the leaves



ii. Based on acids, bases and salt



Across

- 2 The particle involved in bases and acids
- 5 A chemical acid that doesn't fully ionize.
- 7 Characteristic of a base; taste
- 8 Cooking ingredient that is an

Down

- 1 Color litmus paper turns when indicating a base.
- 3 A base that is completely disassociated with a watery substance.
- 4 Is a 1 on pH scale, pinkish color.
- 6 Small compounds

- acid.
- 10 One product mixes with water creates a ?
 - 11 Purified or purposed substance.
 - 13 To be sperate
 - 14 A characteristic of bases.
 - 17 Substances measured this way are bases.
 - 20 0 on the pH scale.
 - 21 Acid that gives vinegar its characteristic taste.
 - 23 Used to measure pH number.
 - 26 The way acids taste.
 - 28 A chemical base that doesn't fully ionize.
 - 30 A substance that flows.
 - 9 Substance that has a pH of seven.
 - 12 A milk with pH number.
 - 15 Scale to fourteen that measures acidity.
 - 16 Substance above a pH number of seven.
 - 18 Substance below a pH number of seven.
 - 19 Color litmus paper turns when indicating a acid.
 - 22 Substances measured this way are acids.
 - 24 An acid that is completely disassociated with a watery substance.
 - 25 They acceptor things.
 - 27 H₂O
 - 29 A neutral substance.

Subject – GK

Instructions-

- Holiday homework should be completed in separate notebook.
- Do neat and clean work
- Diagram should be drawn by pencil.
- Use a small notebook and cover the book with special designs of your choice (think scrap book journaling).

It will be evaluated on the basis of:-

1. Cover page and creativity
2. Content and Material

1. Prepare chapter 1 to 10.
2. Make chart on Solar System. Write the different characteristics of every planet (Period of revolution around the Sun, their size, distance from the Sun, Direction of rotation etc.)
3. Write 20 Foreign words in English language . Also write their meaning.
4. Make a poster of Corona virus and write a few lines about the Virus.
5. Make a report on the India's first Mars Mission.
6. Learn 50 question of OLYMPIAD given in your gk book.
7. Cut and paste 2 news weekly under the column
 - i. National News
 - ii. International News
 - iii. Sports News
 - iv. COVID-19
8. Write the names of Intelligence agencies of 10-15 countries.

SUBJECT: COMPUTERS

- **Use your web browser to investigate the technical difference between a virus, a worm and a TROJAN horse. Try typing each of these into your favorite internet search engine.**
- How are computer viruses like biological viruses?
- Did you find information on where the term —*Trojan horse*” comes from? If so briefly explain what you have learned.
- Solve the conversions given on page 23 and 24(part-i,ii,iii)

German

1. Draw a Map of Germany and plot 10 famous Cities of Germany in it.
2. 10 Famous Places of Germany with pictures and 2 lines Description.
3. Learn the articles and Vocabulary of Chapter -1.
4. Make a PPT showing famous food items (breakfast,lunch,dinner) with articles and 10 famous Persons of Germany.

Subject-Sanskrit

1. किन्ही दो श्लोकों का हिंदी में अनुवाद कीजिए।
2. संस्कृत में 10 सुलेख लिखिए।
3. एक से 100 तक गिनती संस्कृत में लिखें।
4. कोई भी एक कहानी या कविता संस्कृत में लिखें।
5. चर् धातु लिखकर याद करें।
6. विद्यालय और घर की वस्तुओं के नाम संस्कृत में खोज कर लिखें।

7. एतत् का शब्द रूप तीनों लिंगों में अपनी उत्तर पुस्तिका में लिखें।
8. कोई भी गीता के दो श्लोक लिखें।

Subject-Art and Craft

“Every child is an **artist**, the problem is staying an **artist** when you grow up.”

Lets have fun with doing art and craft .

Its high time to show your creativity and make your time useful .

Make all drawings neat and clean.

1.The following pages to be done in Art file.

Mushrooming colours,mushroom house,Lets swim,Lets shop,Dashing dino ,Extreme actions

2. Make a craft from best out of waste which should be a useful or decorative item.

3. Use white A4 sheets or Art notebook to make following things-

- a) A festival scene with colouring
- b) Landscape painting with oil pastels or water colours
- c) One still life object or object drawing with pencil shading
- d) A fruit basket with atleast 4 fruits with oil pastels

***Its mandatory to make borders before drawing on A4 sheets.**

4) Make a 3-D greeting card with the help of origami sheets.

<https://pin.it/1etN3Tm>

You can take help from that link or you can check pinterest website on Google.