

**ARMY PUBLIC SCHOOL KANPUR CANTT.**  
**HOLIDAY HOMEWORK (2022-23)**  
**CLASS – VII**

**ENGLISH**

Note: All the homework should be done in separate file. Homework done in a classwork notebook will not be accepted.

1. Prepare a word wall, consisting of all the spices names, used in the kitchen and all the fruits/flowers/vegetables' names. Paste the relevant pictures too.
2. "Movies can prove to be the best source of entertainment as well as learning". Watch out any of the motivational movie based on some real-life events or biography and create your own review.
3. Collect the news headlines from 1<sup>st</sup> June to 25<sup>th</sup> June and gather them in your file with relevant photographs.

**SANSKRIT**

- 1- 1 से 50 तक गिनती संस्कृत में कण्ठस्थ करना व लिख कर लाना ।
- 2- देव, मुनि, लता, फलम्, किम् (पु, स्त्री, नपुं,) केशब्द रूप कण्ठस्थ करना व लिखना।
- 3- गम्भू, (पांचोलकारों में) कण्ठस्थ करना व लिख कर लाना ।
- 4- भारतीय महीनों के नाम लिख कर लाना व याद करना ।

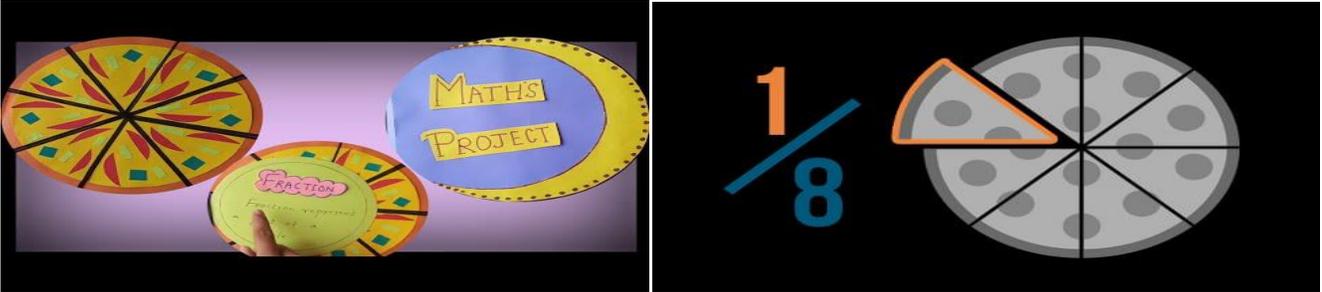
**MATHEMATICS**

**FOR THOSE STUDENTS HAVE ODD ROLL NUMBERS:**

**DEFINE FRACTION WITH HELP OF PIZZA MODEL.**

**AIM :** TO Understand the representation of part of object in a fraction form.

**OBJECT REQUIRED:** Coloured sheets , Some coloured sketch , Glue, Scissor.



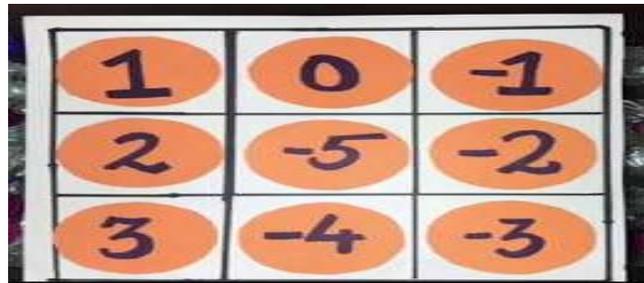
**FOR THOSE STUDENTS HAVE EVEN ROLL NUMBERS:**

**MAKE A MAGIC SQUARE BY USING INTEGERS.**

**AIM :** TO Understand the addition and subtraction of integers.

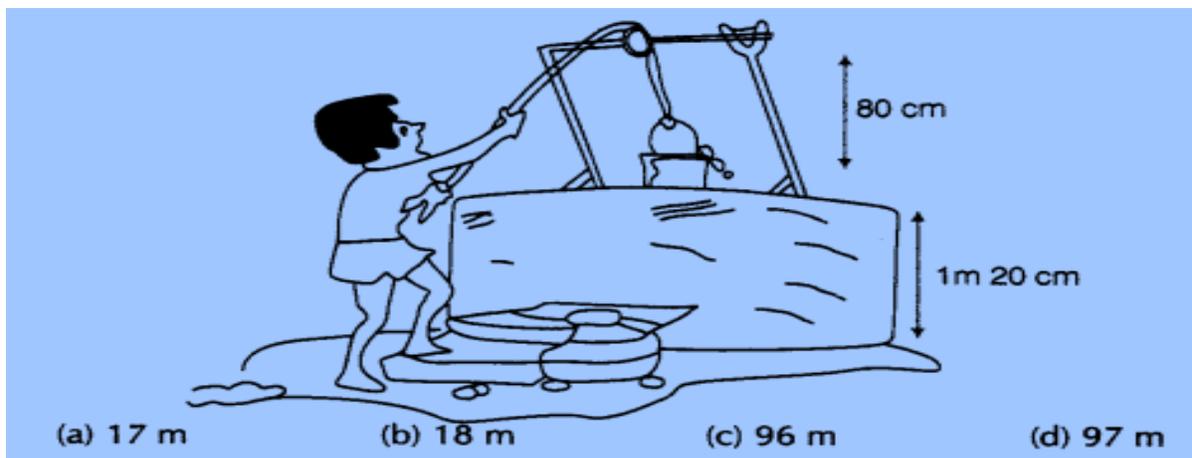
**OBJECT REQUIRED:** One Square board, cut-out of some integers, Glue, Scissor.

1	-10	0
-4	-3	-2
-6	4	-7



## QUESTIONS

1. Ram Lakhan's grandmother is suffering from fever for many days . He wants to go his home town , Ranchi to see his grandmother . His house is 325 km away from Patna . He covered  $\frac{1}{5}$  part of his journey by bus, 227.5 km by train, 16.25 km by taxi and rest on foot . Now give answers of the following questions:
- (a) How much distance did Ram Lakhan Cover by bus ?  
(i) 300 km (ii) 80 km (iii) 65 km (iv) 25 km
- (b) How much distance he covered on foot?  
(i) 12.5 km (ii) 16.75 km (iii) 16.25 km (iv) 18 km
- (c) How much is the difference in distance covered by train and covered by bus ?  
(i) 150.5 km (ii) 162.5 km (iii) 202.5 km (iv) 235.25 km
2. In a test + 3 marks are given for every correct answer and -1 mark is given for every incorrect answer . If Sona attempted all the questions and got +20 marks by answers 10 correct answers.
- (a) How many Incorrect Answers has she attempted?  
(b) How many questions were given in the test?
3. Water level in a well was 20 m below ground level. During rainy season, rainwater collected in different water tanks was drained into the well and the water level rises 5 m above the previous level. The wall of the well is 1 m 20 cm high and a pulley a fixed at a height of 80 cm . Raghu wants to draw water from the well. Find out the minimum length of the rope, that he can use .



#### **4. CAPTAIN SALAMANDER'S JOURNEY**

- 1) Captain Salamander goes on a long journey around the world. He travels  $\frac{1}{4}$  of the journey by plane, and the rest by boat. What fraction of the journey does he travel by boat?
- 2) Whilst on the boat, Captain Salamander spends his free time watching TV and swimming. He spends  $\frac{3}{8}$  of his free time watching TV. What fraction of his free time does he spend swimming?
- 3) When swimming, Captain Salamander likes to spend most of his time underwater. He only spends  $\frac{1}{10}$  of his time above water. What fraction of his time swimming is spent underwater?
- 4) His favourite drink is a mixture of cranberry juice and water. He drink is  $\frac{2}{5}$  cranberry juice. What fraction of the drink is water?
- 5) Captain Salamander shares a box of chocolates with some friends he has met up with. He gives his friends  $\frac{4}{9}$  of the chocolates. What fraction does he have left?
- 6) On the boat, he eats a diet of crayfish and fish eggs. About  $\frac{2}{7}$  of his diet is fish eggs. What fraction of his diet is crayfish?
- 7) Captain Salamander has a lazy time on the trip and spends about 15 hours a day sleeping. What fraction of the day does he spend awake?
- 8) If  $\frac{7}{10}$  of the passengers on the boat are male, what fraction are female?

#### **MAKE A PPT OF PROPERTIES OF INTEGERS:**

- A. Define integer
- B. Write five main properties
  - Closure property
  - Associative property
  - Commutative property
  - Distributive property
  - Identity property

#### **NOTE:**

- ❖ MAKE ONE FOLDER
- ❖ WRITE YOUR NAME, CLASS AND SECTION
- ❖ SOLVE ALL QUESTIONS ON DOUBLE SIDED A 4 SHEET
- ❖ KEEP YOUR ACTIVITY MODEL IN FOLDER.

## **SCIENCE**

- 1) You will find a variety of plants around you. Observe them carefully. Collect sample of the plants that
  - a) Grow in open sun (outdoor) and under the Shades of a tree(indoor)
  - b) Climb over other plants.
  - c) Show Symbiotic relationship.

Compare these plants with each other. Paste their dried leaves or pictures in a scrapbook. Tabulate their characteristics features, such as colour and size of leaves, mode of nutrition, site of photosynthesis etc.

- 2) Prepare for solution each of the different taste

- a) Sugar solution for sweet
- b) Salt solution for salty
- c) Lemon juice for sour

Now put tiny drops of each of the four solution one by one on different areas of your tongue and identify the taste.

- 3) Make a sketch of the tongue and mark the taste areas as observed.

- 4) Gather information on the various Indian breeds of sheep that give wool.

## **SOCIAL SCIENCE**

**Select any one:**

Make a model showing Features of River or Interior of the Earth.

**OR**

Make a project file on any One Topic:

Earthquake with one Case Study in India

**OR**

Architecture of India (any 6 architecture with pictures)

## **HINDI**

१. पक्षियों को पिंजरे में बंद करने से केवल उनकी आजादी का हनन ही नहीं होता अपितु पर्यावरण भी प्रभावित होता है ।

इस विषय पर दस पंक्तियों में अपने विचार लिखिए ।

२. घर में उपलब्ध पत्रिकाओं एवं समाचार पत्रों को पढ़ें।

३. प्रतिदिन एक पेज सुलेख लिखें

४. भारत का एक ऐसा मानचित्र लीजिए जिसमें सभी राज्य दर्शाए गए हों । इस मानचित्र को एक चार्ट पेपर पर चिपकाइए । अब सभी राज्यों में बोली जाने वाली प्रमुख भाषाओं के नाम मानचित्र में लिखिए ।

५. किस मौसम में कौन कौन सी चीजें विशेष रूप से मिलती हैं चित्र सहित नाम लिखिए

## **MUSIC**

1. Draw 4 wind instruments.
2. Write and learn AWES song.
3. Write and learn any 1 devotional song.

## **ART & CRAFT**

1. Make a poster promoting Swachh Bharat Abhiyaan.
2. Make a poster on Think Green.
3. Make a sketch showing what your dream is.
4. Illustrate your favourite Manga or Disney character.
5. Make a bird origami.

Things to note:

- a) Present your work neatly.
- b) Don't use tape for border.
- c) Write your name, class and section in proper alignment on the back side of paper.

**COMPUTER**

**Activity-1**

There are different types of voice assistants all around us. We have learned that voice assistants are examples of weak AI. This begs the question, if all voice assistants are weak AI, is there any difference between them? If yes, what are they? In this activity, let's find out.

Select any 2 voice assistants of your choice, preferably from different manufacturers. Note the features of 2 different types of Voice Assistants and compare according to your observations.

Name:.....

Features:.....

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Name : .....

Features:.....

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## **Activity-2**

### **Video Session:**

Watch this video and write a note on AI.

[Artificial Intelligence In 5 Minutes | What Is Artificial Intelligence? | AI Explained | Simplilearn - YouTube](#)

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### **AI Game:**

[Tic-Tac-Toe - Play retro Tic-Tac-Toe online for free \(playtictactoe.org\)](#)