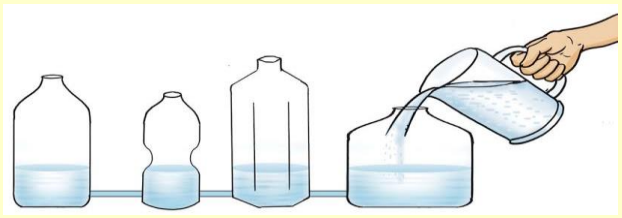
JAMDAGNI PUBLIC SCHOOL
CLASS VIII
HOLIDAY HOMEWORK-(SESSION 2024-25)

S.No	SUBJECT	HOMEWORK
1.	SOCIAL SCIENCE	"**Rahiman paani raakhiye.** **Bin paani sab soon** **Paani gye m ubere** **Moti, manus, choon"** These lines were written by the poet Abdur Rahim Kharkhana, one of the nine gems of Akbar's court. What kind of resources is the poet referring to? Write in 100 words what would happen if these resources disappeared? (2). Make a project on crops grown in Laksar belt and required weather conditions for the crop. (3).Locate 28 states and 8 union territories on Indian political map and paste it in your note book.
2.	संस्कृत	1. खादधातुरूपलटलकारलृटलकारलङ्लकाररफकॉपीमेंलिखकरयादकीजिए। 2. राजन (राजा) शब्दरूप A4 शीटपरलिखिएऔरयादकीजिए। 3. पाठ 1 व 2 लिखिएवयादकीजिए। 4. सुभाषितानिपाठमेंसे 2 श्लोकलिखिएवयादकीजिए।
3.	हिन्दी	**1)चित्रकेमाध्यमसेवृक्षारोपणका महत्वसमझाकरलिखिए** | 2)'**बाढ़काकहर'चित्रकेसाथइससेबचनेकेउपायअपनेशब्दोंमेंलिखिए** | **3)व्यंजनपरएकगतिविधिबनाइए** | **(**यहतीनोंप्रश्नफाइलमेंए4पेपरपरकरनेहैं |) **4)वसंतबुक- पाठ**– 1,2 लिखकरयादकरें | **5)भारतकीखोज**– **पाठ 1**,2 लिखकरयादकरें |
4.	SCIENCE	1- Make a model (3D model) of an agricultural implement with the help of cardboard. For example - Harvesters, drags, disk harrows, seed drills, cultivators, ploughs etc. 2) Learn and do practice of chapter-No. 1 ,3 and 8 by writing in assignment sheet. Taking an evaluation test on your own. 3) Take 4-5 plastic bottles of different shapes and sizes. Join them together with small pieces of glass or rubber tube as shown in fig. Keep this arrangement on a level surface. Now pour water in any one of the bottles. Note whether the bottle in which water is poured gets filled first or all the bottles get filled up simultaneously. Note the water level in all the bottles from time to time. Try to explain your observations. Write the observation in your science notebook. 
5.	MATHEMATICS	1) By using stick & clay make 3D model of different shapes of quadrilateral & write the properties of the quadrilateral in assignment sheet. 2) Solve the assignment given below. 3) Do practice of CH-1, CH-2 and CH -4 in rough notebook. 4) Learn and do practice of Tables 2 to 25 in rough notebook.

6.	**ENGLISH**	1) Complete the assignments from page no. 7 to15 in Grammar book. 2) Do practice of chapter-1 of Reader (Honeydew) and Supplementary (It So Happened) three times in assignment sheets. 3) Your school is organising a summer camp as a head boy of your school; write a notice for notice board in about 50 words in assignment sheets. 4) Do practice of definition by writing two times in assignment sheets. **Topic- Noun and it's types**
7.	**COMPUTER**	1) Learn Chapter 1, 4 and 5 for your Exams and do practice of question & answers of chapter 1, 4 and 5 in assignment sheets. 2) Make an assignment on Network Topology with the help of pictures or draw a labelled diagram of it and do it in A4 size coloured paper.
8.	**GENERAL KNOWLEDGE**	1) Write and learn current affairs from daily newspaper (four questions daily from date 26 may 2024 to 20 June 2024) in ₹10/ Notebook. **Question should be related to -** *International news *National News *State News *Sports News *Science and Technology News.

JAMDAGNI PUBLIC SCHOOL
MATHEMATICS WORKSHEET
CLASS - VIII

1.	Solve the following using properties of rational numbers: (i) $\left\{\frac{4}{5}\times\frac{1}{6}+\frac{4}{5}\times\frac{-5}{12}\right\}$ (ii) $\left\{\frac{7}{8}\times\frac{2}{5}+\frac{7}{8}\times\frac{-3}{10}\right\}$
2.	A dice is thrown once. Find the probability of getting (i) a multiple of 3 (ii) a composite number (iii) a number greater than 2 (iv) a number less than or equal to 4
3.	Solve for x $x+\frac{x+2}{3}=2+\frac{x+4}{5}$
4.	Find the probability of choosing (i) a vowel and (ii) a consonant from the word **PROGRAMMING**.
5.	Find out the multiplicative inverse of the following: (i) $\frac{-7}{5}$ (iii) $-9\times\frac{5}{2}$ (ii) $\frac{2}{9}$ (iv) $-4\times\frac{-5}{9}$
6.	Find out the additive inverse of the following: (i) $\frac{9}{2}$ (iii) $\frac{-3}{4}+\frac{1}{2}$ (ii) $\frac{-2}{3}$ (iv) $\frac{6}{7}-\frac{5}{14}$
7.	Find the value of x : $\frac{2x-3}{5}=\frac{x+4}{3}$

8. Solve for

(i) $\frac{5}{6}(x+3) = 4 - \frac{2}{3}x$

(ii) $\frac{2}{3}(x-2) = 1 - \frac{5}{6}x$

9. In one day, the sales (in rupees) of different items of a baker's shop are given below:

Items	Ordinary Bread	Fruit Bread	Cakes and pastries	Biscuits	Others	**Total**
Sales (in Rs.)	260	40	100	60	20	**480**

Draw a pie-chart to represent this data. Also, colour the different sectors of the pie chart.

10. The information given below shows the distribution of books in a library.

Type of Book	Fiction	Non-Fiction	Science	History	Others	**Total**
Quantity	120	80	60	40	50	**350**

(i) Construct a pie-chart to show the distribution of books in the library.

(ii) What fraction of the books are fiction?

(iii) Which category has the second highest number of books?

(iv) What percentage of the books are in "Others" category?

(v) If the total number of books is 350, how many books are in the Science and History combined?

11. A spinner is divided into 8 equal sections numbered 1 to 8. What is the probability that the spinner will land on

(i) a number greater than 5

(ii) an even number

(iii) a prime number

12. Which property of the rational numbers is illustrated in the following:

(i) $\frac{3}{5} + \frac{7}{10} = \frac{7}{10} + \frac{3}{5}$

(ii) $\left(\frac{1}{4} + \frac{2}{4}\right) + \frac{3}{4} = \frac{1}{4} + \left(\frac{2}{4} + \frac{3}{4}\right)$

(iii) $\frac{6}{7} \times \left(\frac{5}{8} + \frac{3}{8}\right) = \frac{6}{7} \times \frac{5}{8} + \frac{6}{7} \times \frac{3}{8}$

(iv) $\frac{2}{3} \times \frac{3}{2} = 1$

(v) $\frac{5}{6} \times 1 = \frac{5}{5}$

13. Solve for x

$$6(x+1) - 4(x-2) = 2(x+5).$$

14. In a bag, there are 2 red marbles and 3 blue marbles.

(i) What is the probability of drawing a blue marble from the bag initially?

(ii) A marble is drawn from the bag, and it is a blue marble. Without replacing the first marble, what is the probability that the marble drawn in the second draw will also be a blue marble?

15. Solve for

$$\frac{2x+3}{5} - \frac{x-4}{2} = 1$$

"The holidays are a joyous time – indulge yourself in things that make you feel happy, relaxed, and stress-free. I wish you lots of love, happiness, and blessings!"