ENGLISH

1) Write a short poem on the three R's of Waste Management- Reduce, Reuse or Recycle.

2) Following is the list of books recommended for reading during vacations:
   
a)'Little Women'- Louisa May Alcott
   b)'Charlie and the Chocolate Factory'- Roald Dahl
   c)'The Adventures of Huckleberry Finn'- Mark Twain
   d)'Tales of Shakespeare'- Edited by Charles Lamb

3) Make a list of organisations in your country that are involved in managing waste and write about at least one of them.

4) Write an article for your school magazine in about 150 words on “What would you like to have in your dream nation?”

SCIENCE

Q1. Make a timeline showing journey of fleece (fibre) on animal body to dress (fabric) you wear.
Q2. Adopt any one animal living on land, one in water and one in the air. Collect information on how it feeds and digests food, and make an animal diary.

Q3. Collect the weather report of about a week and record the information in a tabular form.

Q4. Do question no. 5 given on page no.34 of science textbook.

Q5. Find out information about saprophytes and parasites from internet or any other source. Compare the two in terms of their feeding habits, season of growth and their breeding pattern only.

Q6. (Group Activity)- Five students should be in one group

Make any project / chart on 'Waste Management'.

You can take any topic from:
Biodegradable wastes, Energy from waste, Radioactive or Nuclear waste, Waste water management, Kitchen waste,
E-waste, bricks from flyash, cement from rice husk, Biodiversity park, Recycled paper.

Q7. Learn Ch-1,2 & 3 completely.

S.ST

Make a chart on any one of the following:-

1. Suggest ways of disposing waste at home in a way that it can be useful or productive.

2. Recycling garbage (Trash, Junk or Solid Waste). Waste from homes, food, packaging metals, garden waste
MODEL

Design a product made from the waste materials available at home

Solid waste-homes, schools-reuse, reduce, recycle

Reusable items – carry bags, news papers, cardboards, old clothes etc.

MATHS

ASSIGNMENT

a) \(5005 - 5000 \div 10\)

b) \(18800 + 470 \div 20\)

c) \(100 + 50 \times 2\)

d) \(7500 + (1250 \div 50)\)

e) \((-5)(4)(2)\left(\frac{-1}{2}\right)\left(\frac{3}{4}\right)\)

f) \((-2) \times 3 + 6 \div (-3)\)

g) \((-3) \times (-9) + 15 \div (-5) - 3 \times 1 + 4 \div (-2)\)

h) \((-8) \div (-4) + (-2) \times (-3) - (-1) \times 0 + (-3) \times (-1)\)

i) \((14) \times (-1) + (-10) \div 2 - (1) \times (-4)\)

j) \(-4 \div 2 + 5 \times (-2)\)

k) \(18 - (-4) \div 2 \times (-1) + 3 \times 5\)
l) \((-2) \cdot (-3) \cdot (-1) + (-15) \div (-3)\)

m) \(50 \div (-2) \times (-3) + (-4) \cdot -1\)

n) \((-45) \div (-9) \times 2 + (-3) \times (-4)\)

Q2. What value will replace the question mark (\(?\)) in the following equation?

i) \(4 \frac{1}{2} + 3 \frac{1}{6} + ? + 2 \frac{1}{3} = 2 \frac{1}{3}\)

ii) \(20 \frac{1}{2} + 5 \frac{1}{3} = ? + 3 \frac{2}{5}\)

iii) \(5 \frac{5}{6} - 3 \frac{8}{9} = ? = 1\)

iv) \(1 \frac{3}{4} + 5 \frac{1}{3} + 3 \frac{2}{5} = ?\)

Q3. If \(\frac{1}{8}\) of a pencil is black, \(\frac{1}{2}\) of the remaining is white and the remaining \(3 \frac{1}{2}\) cm. is blur. Find the total length of the pencil.

Q4. If \(\frac{1}{3} + \frac{1}{2} + \frac{1}{7} = 4\), Then what value will replace ?

Q5. Arrange the fractions \(\frac{5}{8}, \frac{7}{12}, \frac{13}{16}, \frac{17}{29}\) and \(\frac{3}{4}\) in ascending order.

Q6. Arrange the fractions \(\frac{3}{5}, \frac{4}{7}, \frac{8}{9}, \frac{9}{11}\) in descending order.

Q7. If one fifth of one fourth of a number is \(\frac{5}{80}\). Find the number.

Q8. A man reads \(\frac{3}{8}\) of a book on a day and \(\frac{4}{5}\) of the remainder on the second day. If the number of pages still unread are 40. How many pages did the book contain?

Q9. \(\frac{2}{7}\)th part of a certain sum was donated and \(\frac{1}{4}\)th was spent on education. What will be the balance amount?

Q10. Find the value of:
Q11. Fill in the Blanks and name the property used:

i) \( 15 + \underline{} = ( -30 ) + 15 \)

ii) \( (25 + 17) + ( -32 ) = \underline{} + [ 17 + ( -32 ) ] \)

iii) \( 127 \times [ 30 + \underline{} ] = 127 \times 30 + 127 \times 5 \)

iv) \( ( -11 ) \times (\underline{} ) = ( -11 ) \times 9 + ( -11 ) \times 1 \)

Q12. The temperature of the fridge compartment of a refrigerator is set at 7° C. The freezer compartment is set at -12° C. What is the difference between these temperature settings?

Q13. Fill this multiplication table:

<table>
<thead>
<tr>
<th>X</th>
<th>-5</th>
<th>-10</th>
<th>7</th>
<th>-4</th>
<th>-8</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Q14. A man travelled 80 km. to east of Meerut and then 150 km. to west of it. How far from Meerut was he finally?

Q15. Find the products:

i) \( \frac{21}{3} \times \frac{1}{2} \times \frac{1}{6} \)

ii) \( \frac{21}{2} \times \frac{3}{5} \times \frac{8}{15} \times \frac{7}{12} \)

iii) \( \frac{4}{9} \times \frac{7}{5} \times \frac{1}{3} \)
Q16. In a class of 48 students, \( \frac{1}{6} \) students play cricket and \( \frac{2}{7} \) of the total play hockey. The remaining students play football. Find the number of students who play:

a) Cricket  
b) Hockey  
c) Football

Q17. Do the following divisions:

a) \( 12 \frac{2}{7} \div 7 \frac{1}{6} \)  
b) \( 8 \frac{2}{5} \div 1 \frac{1}{15} \)  
c) \( 26 \frac{1}{4} \div 8 \frac{3}{4} \)

Q18. A rope \( 26 \frac{2}{5} \) m long is cut into 12 pieces of equal length. What is the length of each piece?

Q19. Rahul travelled \( \frac{3}{6} \) of his journey by train, \( \frac{3}{8} \) of it by bus and the rest by a taxi. If he travelled 4 km in Taxi, find the total distance of his journey.

Q20. Convert each of the following into a decimal fraction:

a) \( 2 \frac{9}{5} \)  
b) \( \frac{29}{4} \)  
c) \( \frac{195}{100} \)  
d) \( \frac{2585}{100} \)  
e) \( \frac{3874}{1000} \)  
f) \( \frac{295}{100} \)  
g) \( \frac{387}{100} \)  
h) \( 17 \frac{3}{5} \)  
i) \( 4 \frac{5}{16} \)

Q21. Convert each of the following into a fraction in its simplest form:

a) 0.75  
b) 2.04  
c) 0.789  
b) 0.808  
e) 0.925  
f) 0.658  
g) 1.304  
h) 2.709

Q22. Fill in the blanks:
a) 78 gm = ______ kg.
b) 105 cm = ______ m.
c) 78 mm = ______ cm
d) 1025 m = ______ dcm.
e) 879 km = ______ cm
f) 235 dm = ______ mm
g) 564 cg.= ________ dg.
h) 302 kg = _______ hg.

HOLIDAY ASSIGNMENT
1. Collect pictures & information on “Maths is everywhere” or “application of maths in everyday life “.
2. Make a chart on mathematical slogans or “Mathematics is my favourite subject because……”.
3. Find out information about your favourite mathematician with pictures. Find out his / her contribution to the world of mathematics.
4. Make a chart on “Contribution of India in the field of Mathematics “.

Project
1) Make different 2D & 3 D geometrical shapes using extra waste materials.
2) Make any 3 D objects (for ex. Vehicles- Car, Bus, Ship, Train; Robots or any model of your choice) using different geometrical shapes (eg Cartons, Boxes, Balls, Match boxes).
3) Make a pen stand of any geometrical shape using waste material or a paper folder decorated with different geometrical shapes.
4) Use number line concept to make a Bandanwar using waste material and represent proper fractions in decreasing order.

FRENCH

1. Choisissez les verbes et les noms des leçons de votre livre.
   (Make a list of the verbs and nouns of your book)

2. Ecrivez une page chaque jour avec la date et le jour en français.
   (Write one page every day with date and day in French language-30 days)

3. Dear students,

   With increasing population and rapid development, waste in different forms has assumed serious dimensions. Both rich and poor countries are facing this problem. It is adversely affecting both human health and health of the natural environment. With more prosperity
the magnitude of waste is certainly going to magnify. Therefore there is an urgent need for framing sustainable waste management policies and programmes. In framing these policies all concerned, both waste generators and the people who get affected by waste have to play an important role. In addition to government policies different sections of the society have to bear their share of responsibility in devising and implementing waste management policies. Educational institutions like our school obviously have to play a critical role in resuming, recycling and disposal of waste. We have to convert waste into a resource. There are number of examples where beside government, schools have played central role in popularizing waste management policies. Our school has always been in the forefront of social and educational movements designed to improve the human health and reduce the impact of development on environment. Our students in particular have always actively participated in educating society at large by setting examples of high standards. It is in continuation with this tradition and social commitment that we have chosen to assign our students to undertake the assignments on WASTE MANAGEMENT and evolve different methods of managing the waste. Out of various sub-components of this assignment you have to work on the following topic(s):

- Study the problems of waste management at home and around and suggest the role which students can play in educating people.

**COMPUTER**

Make a Chart/Collage (7A, 7C) on the topic Waste Management. The Chart/Collage should contain more pictures so that it is attractive.

Make a Presentation (7B) on the topic Waste Management.

(Email to: sapjcomputer@gmail.com)

**IMPORTANT: Write your name and class in the subject of email**
You can include following points in addition to your own

- Paper Recycling
- Composting
- Segregating different types of waste materials for easy recycling
- Advantages of proper waste disposal
- Recycling methods
Sanskrit