



DALMIA VIDYA MANDIR, RAJGANGPUR

SUMMER VACATION HOMEWORK

SESSION: 2019-20

Class VII

ENGLISH

1. Lesson -1 Three Questions : Learn Q/A
2. Learn Poem -1 The Squirrel
3. Me 'n' Mine – Reading Comprehension (1 – 5)
4. Handwriting – Write Handwriting – 20 pages (in Four lined notebook)
5. Read L-1 and L-3 (An Alien Hand) and write summary
6. Project: Draw or paste picture of a squirrel and write a paragraph on squirrel in $\frac{1}{4}$ sheet paper

SOCIAL SCIENCE

1. Read Lesson -1 (Civics) & Lesson -1 (Geography)
2. On $\frac{1}{4}$ th of a sheet paper, write the fundamental rights recognized by the Indian Constitution and under which Article of the Constitution.
3. Find out about various government schemes or programmes in your area; the aim of the scheme, who will be benefitted by the scheme.

SCIENCE

1. Physics: Read and Learn Chapter – 4, Heat.
 - a. Project and Activity
Visiting a doctor/ nearest health centre. Observing the doctor taking temperature of patients. (Refer page 47 of NCERT)
2. Chemistry: Read and Learn Chapter – 5, Acids, Bases and Salts.
 - a. Project and Activity
Visiting a doctor to find out the medicines prescribed to treat acidity. Asking methods to prevent acidity.
3. Biology: Read and Learn Chapter-1, Nutrition in Plants.
 - a. Project and Activity
Collect information and pictures of the following- (5 in each)
 - i. Parasite
 - ii. Insectivorous
 - iii. Saprotrophs
 - iv. Symbionts
 - v. Ruminants (animals)

MATHS

1. Subtract the sum of -348 & 175 from -312
2. Sum of two integers is -41 & one of the integers is 55. Find the other.
3. The difference of an integer a & -165 is 17. Find the value of 'a'.
4. Find $-64 - (-37)$ & $(-37) - (-64)$. Are they equal?
5. If $a = -12$, $b = -7$ & $c = 13$, verify that $(a+b)+c = a+(b+c)$
6. Simplify using properties:
 - a. $20 \times (-16) + 20 \times 14$
 - b. $(-16) \times (-15) + (-16) \times (-5)$
 - c. $(-26) \times 72 + (-26) \times 28$
7. Which is greater:
 - a. $\frac{2}{3}$ & $\frac{5}{9}$
 - b. $\frac{7}{12}$ & $\frac{8}{15}$
8. A rectangular sheet of paper is $15\frac{3}{4}$ cm & $12\frac{1}{2}$ cm. Find its perimeter.
9. Find the product:
 - a. $\frac{10}{27} \times \frac{28}{65} \times \frac{39}{56}$
 - b. $2\frac{2}{17} \times 7\frac{2}{9} \times 1\frac{33}{52}$

10. Simplify:

a. $\frac{2}{3} + \frac{5}{6} - \frac{1}{9}$

b. $8\frac{5}{6} - 3\frac{3}{8} + 1\frac{7}{12}$

SANSKRIT

1. Learn the word-meanings of Lesson 1 & 2.
2. Shabdroop – ‘a’-karaant, ‘i’ -kaarant . Learn all the 3 gender forms.
3. Dhaturoop – Learn 5 Lakaar (patha, hasa, nama, gama, stha)
4. Write 5 Subhashitani in 1/4th sheet paper.

HINDI

1. Write an article in 150 words on “Paradhin sapnehu sukh naahi” and Write your opinions on the importance of freedom.
2. ‘Kanak-tiliyan’ and ‘Katuk–nibouri si’. In these phrases ‘kanak’ and ‘katuk’ are gunvachak visheshan. Find and list 10 examples of gunavachak visheshan from the poem.
3. Sulekh – Write 20 pages.

COMPUTER

1. Do the exercise of Lesson -1, Number Systems in your Computer Sc. notebook.
2. Create a number system having the base 4 (take the digits 0-3) and write the conversion table for Decimal & Hexadecimal to the number system you have created. (In your notebook).
3. Solve the given problems: (in computer notebook)
 - a. Convert the following from octal to decimal: 234, 157, 187, 315
 - b. Add the following: 1001 and 0011, 1110 and 1010, 1100 0101 and 0010 1100
 - c. Subtract: 1000 from 1100, 0101 from 1010, 11000011 from 11110000
 - d. Multiply: 1111 and 11, 1010 and 111, 0011 0011 and 101
 - e. Divide: 110011 by 10, 1010100 by 100, 11100011 by 110

FINE ARTS

1. Make a traditional rangoli design with colour.
2. Make a poster for “Clean India”. Use colour also.
