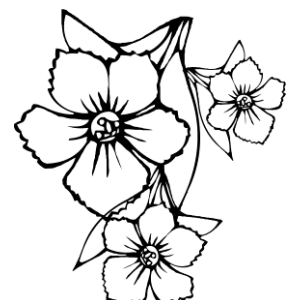# DALIMSS

Chaubeypur, Varanasi

Holiday Homework

Class – 9th

Session 2018-2019

Name:- _____

English

1. Write a letter to your friend consoling him on the death of his/her grandfather.
2. Develop a debate on 'Rural and Urban' area.
3. Write a story on 'True Devotion'.
4. Answer 5 factual comprehension exercise from your English Grammar exercise.
5. Change 5 dialogues into indirect paragraph from Direct and Indirect Speech chapter from your Grammar book.

Physics

1. What do you understand by the motion of an object?
2. Define scalar and vector quantities.
3. What do you mean by uniform motion?
4. Pick out uniform and non uniform motion.
   a. A bus moving on a hilly road.
   b. Tiger run in the jungle.
   c. Moon moves around the Earth.
   d. A boy runs on a circular track .
   e. A man moves 30 cm on each 10 sec intervals.
5. Pick out vector and scalar quantities.

Mass, Density, Speed, velocity, Pressure, Momentum, Work, Distance , Displacement, Force

6. A person travelling in a bus noted the timing and the corresponding distances as indicated on the Km stones Give your answer that motion is uniform or non uniform.

Time	8:00a.m	8:15a.m	8:30a.m	8:45a.m	9:00a.m
Distance	10 Km	20 Km	30 Km	40 Km	50 Km

7. A particle is travelling in a circular path of diameter 15 m. Calculate the distance and displacement when it completes two rounds.

8. Write down difference between distance and displacement.

9. A boy moves 3m toward east. He then turns and moves 4 Km towards north. calculate
   1. Distance travelled by the boy
   2. Displacement of the boy

10. Describe the types of motion with example.

11. Learn all the derives quantities and its unit.

12. Prepare a chart paper of the different types of motion.

Chemistry

1. "Osmosis is a special kind of diffusing" comment.

2. Identify the Physical States of X, Y, Z at room temperature on the basis of following data:-

Substance	Melting point C$^.$	Boiling point C$^.$
X	-38.9	356.73
Y	97.80	883
Z	-218.19	-18295

3. Learn the element name from Atomic number 1 to 20 from Periodic table.

Biology

1. To study, observe and draw the given specimen of earthworm, Cockroach, Bony fish, any bird, for each specimen record one specific features of its phylum.

Hindi + Hindi Grammar

1. पाठ 'दुःख का अधिकार' से मिलती-जुलती कोई कहानी लिखिए |

2. निम्नलिखित बिन्दुओं की परिभाषा का संकलन तैयार कीजिए तथा उसे याद कीजिए |

 साहित्य, **x|, i|,** व्याकरण, कहानी, जीवनी, नाटक, उपन्यास, यात्रा-वर्णन, संस्मरण, एकांकी, निबंध, पत्र, महाकाव्य, खंडकाव्य |

3. कवि 'रैदास' के संक्षिप्त जीवन-परिचय को लिखते हुए उनके काव्यगत विशेषता पर प्रकाश डालिए |

4. 'चार्ट' पर स्वर संधि के भेद व संधि-विच्छेद प्रक्रिया का वर्णन रंगीन लेखनी के माध्यम से कीजिए | (परियोजना कार्य)

5. आज के नेतागण खुलेआम जनता को लुट रहे हैं, इस विषय पर दो नागरिकों की बातचीत लिखिए |

Maths

1. Represent the following numbers on the number line.
   a. $\sqrt{9.2}$ b. $\sqrt{3.5}$ c. $\sqrt{4.6}$ d. $\sqrt{7.2}$ e. $\sqrt{2.25}$

2. Write 20 Rational and 20 Irrational numbers.

3. Rationalize the denominator of the following-

a. $\dfrac{7+2}{7-\sqrt{2}}$

b. $\dfrac{3+\sqrt{3}}{7-\sqrt{3}}$

c. $\dfrac{9+\sqrt{2}}{\sqrt{2}}$

d. $\dfrac{1+2}{2-\sqrt{2}}$

4. If x=(4-$\sqrt{15}$), find $(x+\dfrac{1}{x})$

5. Solve the following-

a. $(7)^{5/6} \times (7)^{2/3}$

b. $(\dfrac{1}{3^4})^{1/2}$

c. $(64)^{-1/2}$

d. $(81)^{-1/4}$

e. $(81)^{3/4}$

S.St

1. Why is democracy the best form of government? Write in detail.

2. Describe any two argument against democracy.

3. Imagine yourself as a Prime Minister for a day and mention at least four changes that you would like to see in your country.

4. In a political map of India locate 29 states and 7 Union Territories of India.

5. Mention any three effects of unemployment.

6. Explain any two achievements and two drawbacks of Green revolution in India.

7. Write down the summary of the chapter- "The French Revolution."

Computer

1. Read and Learn Chapter 1 & 2.
2. Write a Short note on Computer Hardware and Software.
3. Write all Input , Output , Storage and Processing Devices.
4. Write the 50 Full form related from Computer Technology and learn it.

Music

1. संगीत, ध्वनि, नाद, श्रुति को लिखकर याद करें |
2. स्वर, सप्तक, थाट, जाति को याद करें |