

WINTER BREAK HOLIDAY HOMEWORK 2018-19

**(IX)**

**GEOGRAPHY:- ( SST )**

1- NPP.2000- A SHORT NOTE

2- FURTEEN BIO-RESERVES- MAP WORK

HISTORY:-

HOW WOULD YOU HAVE REACTED TO HITLER'S IDEAS IF YOU WERE -

A- A JEWISH WOMEN

B- A NON-JEWISH GERMAN WOMEN

CIVICS:-

WRITE POWERS OR DUTY OF PRIME MINISTER AND PRESIDENT OF INDIA

ECONOMICS:-

5- 50 ONE WORD QUESTION FROM 1-4 CHAPTER

# CLASS-IX (ENGLISH) 2018-19

## AUTUMN BREAK HW

### 1. Questions -

- Why was the 'holy man' who gave Santosh's mother his blessings surprised?
- Why did the swallow not leave the prince & go to Egypt?
- How did Montmorency 'contribute' to the packing?
- Was Bruno a loving & playful pet? Why, then, did he have to be sent away?
- What havoc has the super cyclone wreaked in the life of the people of Orissa?

2. You have noticed many stray animals on the road during the busy hours of the day. Write a letter to the editor of a leading newspaper about the nuisance created by the stray animals. Sign your name as Kriti/ Krishnan. (120 words)

3. You were a member of a team of students campaigning against the spread of smoking in the village community. Make a diary entry describing your participation and success achieved in your mission.

4. "Afforestation is the answer to Global Warming". Write an article with the help of the given points.

Points:

- Plant trees and nurture them
- Organisation of 'Van Mahotsav' in schools
- Use tree guards
- Ban cutting of green trees
- Nails/iron plates not to be used
- Create awareness camps

5. Complete the situational story-

On October 4, we all were decorating our house to celebrate the most long awaited festival, Diwali. My heart was filled with excitement to meet my father after a long gap of six years. But a call from the army headquarter left us stunned...

# Maths Holiday Homework

## Class-9 C MATHS

Chapter-1

Exercise 1.1 – Q: 3, Exercise 1.2- Q: 3, Exercise 1.3 – Q: 3, Exercise 1.4 – Q: 1, Exercise 1.5- Q:4,5 ,  
Exercise 1.6 – Q: 2

Chapter – 3

Exercise 3.3 –Q:1

Chapter - 4

Exercise 4.2 –Q:2

Chapter- 5

Exercise 5.1 – Q:4,6

Chapter – 6

Exercise 6.1 – Q: 5, Exercise 6.2 – Q: 4,5 , Exercise 6.3 – Q:3 \* Theorem 6.7 \*

Chapter-7

Exercise 7.1 – Q: 6, Exercise 7.2 –Q: 4, Exercise 7.3 – Q:4 , Exercise 7.4 – Q:5

Chapter-8

Exercise 8.1- Q: 1, 10, Exercise 8.2 – Q:6,2 \*Theorem 8.9\*

Chapter – 9

Exercise 9.2 – Q: 1,5 , Exercise 9.3 – Q:1,10 \*Theorem 9.1\*

Chapter – 10

Exercise 10.2 – Q:1,2 , Exercise 10.3 – Q:2 , Exercise 10.4 – Q:3,4 , Exercise 10.5 –Q:4,8,12

Chapter – 11

Exercise 11.2 – Q:1,4

Chapter - 12

Exercise 12.1- Q:4,5 , Exercise 12.2 – Q:1,5

## Class 9 Science Holiday Homework

### ( Winter Break )

- Q.1. How is our atmosphere different from the atmospheres on Venus and Mars ?
- Q.2. What is the major source of fresh water in the city / town /village where you live ?
- Q.3. What are the two forms of oxygen found in the atmosphere
- Q.4. Why is the atmosphere essential for life?
- Q.5. How are living organisms dependent on the soil? Are organisms that live in water totally independent of soil as a resource ?
- Q.6. We know that many human activities led to increasing levels of pollution of the air ,water bodies and soil . Do you think that isolating these activities to specific and limited areas would help in reducing pollution ?
- Q.7. Write a note on how forests influence the quality of our air ,soil and water resources ?

# शीतकालीन अवकाश - कार्य

## विषय - हिन्दी

### कक्षा - नवीं ' स, ब, अ ' -

- निम्नलिखित दिए गए प्रश्नों को ध्यानपूर्वक पढ़कर कीजिए -:

प्रश्न -1उपसर्ग और प्रत्यय वाले - शब्द अलग 10 - 10 अलग करके लिखिए  
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प्रश्न - समास की परिभाषा और प्रकार दो -2- दो उदाहरण सहित लिखिए |

प्रश्न -3अर्थ की दृष्टि से वाक्य वाक्य भेद उदाहरण सहित लिखिए |

प्रश्न -4अलंकार की परिभाषा उदाहरण सहित लिखिए |

प्रश्न -5अपने प्रधानाचार्य को शुल्क मुक्ति हेतु प्रार्थना पत्र लिखिए |

प्रश्न -6अक्षम विद्यार्थियों की आवश्यकताओं को ध्यान में रखते हुए  
विद्यालय प्रबंध समिति के अध्यक्ष को पत्र लिखिए |

प्रश्न -7समय का महत्व समझाते हुए छोटे भाई बहिन या मित्र को पत्र ,  
| लिखिए

प्रश्न -8अपने विद्यालय में बालदिवस मेले का वर्णन करते हुए अपने पिताजी  
को पत्र लिखिए |

प्रश्न -9विद्यालय में प्रदर्शित हुई विज्ञान प्रदर्शनी पर एक रिपोर्ट लिखिए |

प्रश्न -10गणतंत्र दिवस समारोह पर एक प्रतिवेदन तैयार कीजिए |

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## WINTER BREAK HOLIDAY HOMEWORK FOR CLASS XI:Session 2018-19

### PHYSICS

- 1) Solution of NCERT Question 1 to 5 of chapter 9.
- 2) Solution of NCERT Question 11 to 20 of chapter 10.
- 3) Solution of NCERT Question 1 to 10 of thermodynamics.
- 4) Write and prove Bernoulli theorem.
- 5) Find out expression for pressure exerted by gas.
- 6) Work done during adiabatic process.
- 7) Derive equation of state for adiabatic process.
- 8) Write and explain newton's law of cooling (mathematical analysis).

### 9) Class 11<sup>th</sup> –A

#### 10) CHEMISTRY HOLIDAY HOMEWORK B.K. YADAV

- 11) 1.Pg no=266 qu no 8.8,8.9,8.10.
- 12) 2.pg no =272 qu no 8.1,8.13,8.18,8.19
- 13) 3.Pg no=288 qu no 9.6,9.8,9.16,9.17,9.20,9.21
- 14) 4.pg no=293 qu no 10.1,10.2,10.3
- 15) 5.pg no=305 qu  
no10.6,10.7,10.10,10.12,10.14,10.20,10.24,10.26,10.27,10.29

16) .....

### Holiday Home Work

#### Class XI 'A'

Assignment-11

Topics: Functions

1. Write a python function to calculate LCM of two numbers. (Takes Something, Return Something)
  2. Write a python function to print reverse of a binary representation of a given number. ((Takes Something, Return Nothing)
  3. Write a python function to print first N prime numbers. (Takes Something, Return Nothing)
  4. Write a python function to count words in a given string. (Takes Something Returns Something)
  5. Write a python function to calculate sum of all even numbers and sum of all odd numbers from a given list of int values. (Takes Something, Return Something)
  6. Write a python function to find all possible combinations one can make from N items of a given set when two elements are selected at a time. (Take a set of values, Return list of sets)
  7. Write a python function to find Nth term of Fibonacci series. (Takes Something, Return Something)
  8. Write a python function to find next prime number of a given number. (Takes Something, Return Something)
  9. Write a python function which takes a list of strings as an argument and returns a dictionary whose each item is a pair of alphabet (as key) and list of strings begin with that alphabet.
  10. Write a python function which takes a tuple of int values and returns a dictionary whose each item is a pair of int value and its frequency in the tuple.
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## Holiday Home Work

### Class XI 'C'

Assignment-7

Topics: strings

1. Write a python script calculate length of the string. String is given by user.
2. Write a python script to count vowels in a given string.
3. Write a python script to reverse a string.
4. Write a python script to count occurrence of a given character in a given string.
5. Write a python script to count words in a given string
6. Write a python script to arrange words in a given string in alphabetical order
7. Write a python script to check whether a given string is a palindrome or not
8. Write a python script to remove duplicate characters from a given string
9. Write a python script to find a pattern in a given string
10. Write a python script to count occurrence of a given pattern in a given string

### Class XII A/C

1. Practical file complete
2. Project and project report complete

## ***Winter Break Holiday Home Work 2018-19***

### ***Class XI***

Q.1 Solve any one previous year sample papers from C.B.S.E site.

Q.2 Write and learn the meanings of the following lessons and **make ten sentences** of your own using the hard words **from each lesson**:

Hornbill:

- a) The Ailing Planet: The Green Movement's Role.
- b) The Browning Version.
- c) Childhood.
- d) The Adventure
- e) Silk Road.
- f) Father to son.

Snapshot:

- a) The Ghat of the only world.
- b) Birth
- c) The tale of Melon city.

Q.3 Write **an article** on:

- a) **Role Of Youth In Curbing corruption.**
  - b) **Swachh Indian Campaign.**
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Q.4. Write the **speech** to be delivered by you in the morning assembly on the following topic :

- a Craze of the fast food in the youngsters.
- b. II-Effects of watching too much Television.

Q4. A few months ago the Principal of your school got retired. On this basis a farewell function was held in honor in your school

Give a **factual description** of the function in about 100 words, mentioning the following points:

- I The date of retirement
  - li Who organized the farewell
  - lii Details of the function
  - lv The mementos offered
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## कक्षा - 11 शीतकालीन गृहकार्य (हिंदी )

- 1 अपठित गद्यांश - 1-प्रश्नोत्तर

-2अपठित पद्यांश - 1-प्रश्नोत्तर

-3सामाजिक या तकनीकी क्षेत्र से संबंधित एक निबंध शब्द 300 -

-4कार्यालयी पत्र 1-

-5हाल ही में पढ़ी किसी एक पुस्तक कि समीक्षा

-6जनसंचार के प्रश्न 40

कक्षा (हिंदी ) शीतकालीन गृहकार्य 12

-1सी(दिए हुए हैं) सैम्पल पेपर 3 के .ई.एस.बी.

## 11 B BIOLOGY

solve any 20, one mark questions from the completed chapters

solve any 20 , two mark questions from the completed chapters

solve any 15, three mark questions from the completed chapters

solve any 10, five mark questions from the completed chapters

Draw well labelled diagrams - any 5 diagrams of your choice from the completed chapters