

छुट्टियों का गृह कार्य

कक्षा -सातवीं

विषय- हिंदी

1- 10 दिन तक एक पृष्ठ सुलेख रोज लिखिए।

2-निम्नलिखित शब्दों के पर्यायवाची लिखिए ।।कमल, राजा, हवा, सूर्य, चंद्रमा, मित्र, पृथ्वी, दिन, रात, अग्नि

3- निम्नलिखित विषयों पर अनुच्छेद लिखिए ।

- मेरा प्रिय खेल
- मेरा पुस्तकाल
- प्रिय त्योहार
- नदियों से लाभ
- छुट्टियों का अनुभव
- कोविड-19

4-बाल महाभारत कथा से

अंबा और भीष्म , विदुर,कुंती भीम और कर्ण पाठों को पढ़िए और प्रत्येक पाठ से 10-10 प्रश्न बनाकर उनके उत्तर लिखिए।

Holiday Homework

कक्षा 9वीं

विषय हिंदी

1 माटी वाली और रीढ़ की हड्डी पाठ को पढ़िए और प्रश्न उत्तर लिखिए ।

2.निम्नलिखित विषयों पर निबंध लिखिए

प्रदूषण एक समस्या

मेरे जीवन का लक्ष्य

कोविड-19

पुस्तक मेलों की उपयोगिता

मेरे सपनों का भारत

3.अर्थ के आधार पर सभी वाक्यों के 10-10 वाक्य लिखिए।

4.निम्नलिखित उपसर्गों से 5-5 शब्द बनाइए

हम

विला

गैर

सब

प्र

5-निम्नलिखित प्रत्यय से पांच- पांच शब्द बनाइए।

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Holiday Homework

कक्षा दसवीं

विषय हिंदी

1.निम्नलिखित विषयों पर निबंध लिखिए:

कोविड-19 एक महामारी

भारतीय समाज में नारी का महत्व

रोजगार की समस्या

समाज में फैलता भ्रष्टाचार

समाचार पत्रों की उपयोगिता।

ऋतुराज बसंत

2. सभी रसों के चार -चार उदाहरण लिखिए।

3. सरल, संयुक्त और मिश्र वाक्य से 10-10 वाक्य बनाइए।

4. माता का अंचल और साना -साना हाथ जोड़ि पाठ को पढ़िए और प्रश्न उत्तर कीजिए।

HOLIDAY HOMEWORK

Class VI A & B

Subject: English

1. Prepare a comic on the chapter "A TALE OF TWO BIRDS"
2. Write paragraph on MY FAMILY, and WHY I LOVE MY SCHOOL, MY FVOURITE FASTIVAL.
3. Write the word meanings from ch.1 ,2 from honey suckle
4. Write 20 , three form of verbs with pictures.
5. Read English newspaper/English comic/English stories daily.

Note: you have to do your holidays homework in the same English notebook. Help your parents in house chores. Happy and safe holidays

HOLIDAY HOMEWORK

Class VIII B

Subject: English

1. Prepare a comic on "How the Camel Got his Hump".
2. Write a paragraph on the topic "Peace and War" with the reference of the chapter 'The Best Christmas Present in the World'.
3. Write a paragraph on 'Natural Disaster' with the reference of "The Tsunami".
4. Write 10 sentences of simple present and 10 sentences of simple past.
5. Read English newspaper/English comic/English stories DAILY.

Note: you have to do your holidays homework in the same English notebook. . Happy and safe holidays

HOLIDAY HOMEWORK

Class X A

Subject: English

1. Write 10 sentences of each tense.
2. Prepare mind map of first and second chapter of both the books.
3. Write a letter to the editor of National Daily your concern about pandemic of covid - 19/corona virus, aware public about sanitation and show gratitude towards corona warriors (doctors, police, army etc.).
4. Write definitions of 8 poetic devices with example. Make it a project file.
5. Prepare a ppt on any grammar topic.
6. Read English newspaper/English comic/English stories daily.

Note: you have to do your holidays homework in the same English notebook. . Happy and safe holidays

HOLIDAY HOMEWORK

CLASS: VII(A, B)

1. **Write the paragraphs on the following topics:**
My hobby, Online classes: Fun classes or Boring classes, How to remain happy?
2. **Write two notice writing on lost and found items(one- one each)**
3. **Practice reading aloud one story daily and also listen English news readers everyday.**
understand the message of the story also.
4. **Write 50 verb forms and 50 adjective forms.**
5. **What message have you got from the following chapters, write in about 40-75 words:**
A Tiny Teacher
A Gift of chappals
6. **To improve your vocabulary, make synonyms and antonyms of difficult words of first two chapters.**
7. **Complete your pending work of English (if any)**

Keep care of your health.

Stay healthy, stay safe!

Have a nice time ahead!

Class 7 science deepika hughArora

Answer the following:

Q1. Information on insectivorous plant with diagram?

Q2. Write down the importance of mushroom?

Q3. Write down in detail the disease of digestive system?

Q4. Write a short note on tooth decay?

Q5. Name the raw materials needed for photosynthesis.

Q6. Mention the role of chlorophyll in photosynthesis.

Q8. How are nutrient replenished in the soil?

Q9. What is tongue? Write its functions?

Q10. Explain the process of rumination?

Q11. Explain the process of digestion in the stomach?

Q12. How is small intestine designed to absorb digested food?

Q13. What is wool? Name the sources of wool? Q14. Explain the steps involved in the wool production? PROJECT:

Q15. Collect various coloured leaves and paste them.

Q16. Draw the following diagrams and arrange them in a file:

ØDiagram showing photosynthesis

ØStomata

ØA section through a leaf ØPitcher plant showing lid and pitcher

ØHuman digestive system

ØDiagram showing oesophagus and stomach

ØDigestive system in ruminants

ØAmoeba ØLife history of silk moth

ØRearing silk worms

Q17. In an outline map of India, name the places on the map where you find animals that produces wool? Q18. Write and learn question answer of chapter 1 and chapter 2?

HOLIDAY HOME-WORK (SUMMER VACATION)

SCIENCE (2021-22)

CLASS VIB

- ❖ Collect samples of different types of fibres and paste them in scrap book/ notebook. Classify them as natural and synthetic fibres.
- ❖ Take paper strips of two different colours and prepare a weaving design.
- ❖ Create pages of your own book using the tool-<https://bookcreator.com/> on **any one** of the following topics:
 - Components of food (Name of components, their sources and functions)
 - Deficiency diseases.
 - Balanced diet chart for children of your age group.
 - Process of obtaining cotton and jute from plants.
- ❖ Revise ch-1 and 2 .
- ❖ Complete the assignments given in the Google classroom.

CLASS IX A and B

- ❖ Complete the assignments given in the Google Classroom.
- ❖ Plot the distance- time graphs using the data from the tables, given in ch-8
- ❖ Create pages of your own book using the tool-<https://bookcreator.com/> on any one of the following topics:
 - Structure of plant cell
 - Structure of animal cell
 - Cytoplasmic organelles and their functions.
 - Prokaryotic and eukaryotic cell
- ❖ Revise ch-1 and 5.
- ❖ Make thorough study of ch-8- Motion.

CLASS XA and B

- ❖ Do practice of assignments given in the Google classroom.

- ❖ Create pages of your own book using the tool-<https://bookcreator.com/> on any the following topics:
 - Human digestive system
 - Human respiratory system
 - Structure and function of human heart.
 - Human excretory system
 - Structure and function of nephron.

- ❖ Draw the ray diagrams of the image formation by:
 - ❖ Concave and convex mirrors.
 - ❖ Convex and concave lenses.
 - ❖ Learn Ch-1,2,6,10 and 11(Intext, ex. Questions and the questions asked in Board exams in previous years)

Holiday Homework

Class: IX A, English

1. Write a diary entry on the following topics:

Imagine you are Ashish/ Arushi, you happen to see a stray kitten at your doorstep. You feel like keeping it as a pet. You persuade your parents to keep it with you. They get agreed. Narrate your feelings in the form of a diary

Your feelings about pandemic times and how are you utilizing your time these days.

2. Write the message of the following chapters:

The Road Not Taken, Wind, The Sound of Music

3. Write a biography on the following persons:

Robert Frost, Ruskin Bond, Ustad Bismillah Khan

(paste their pictures also) or show in a PPT.

4. Read any two good books of your choice and write a book review on any one.

5. Find all the unfamiliar words and phrases from the chapters you have been taught and write in a dictionary of your own.

6. List out all the poetic devices you have been taught and write in your notebook.

7. Do complete your pending work (if left) and upload in google classroom.

Stay healthy, stay safe!

Have a nice time ahead!!

HOLIDAY HOMEWORK

Class IX B Subject: English

1. Write 10 sentences of each tense.
2. Write a diary entry on your experience of online classes during lockdown with the reference of the chapter "The Fun They Had"
3. Write bio-sketches of two famous politicians whose life you find inspirational for other.
4. i) One of your friends, Raman, is very gentle and polite to you. You regard him as your best friend. Describe him in 100-150 words.
5. Write definitions of 5 poetic devices with examples in a file.
6. Prepare a ppt on any grammar topic.
7. Read English newspaper/English comic/English stories daily.

Note: you have to do your holidays homework in the same English notebook. . Happy and safe holidays

KENDRIYA VIDYALAYA AFS RAJOKRI, NEW DELHI
SUMMER VACATION (03/5/2021 To 20/6/2021) HOME WORK
SOCIAL SCIENCE CLASS - X

1) Revision for **P.T.1**

Geography chapter -1 , Political Science chapter 1 & 2 , History chapter -1

(Learn all the NCERT exercises given behind each chapter of above mentioned chapters)

2) Write 30 questions & Answers & learn for each chapter(**Resource & Development ,Power Sharing, Federalism, Rise of Nationalism in Europe**)

30 Questions Comprise

- a) 20 question objective type 1 mark (word limit-Maximum 20 words)
- b) 6 question short answer type, carry 3 marks each(word limit- Maximum 80 words)
- c) 4 question essay type carry 5 marks each (word limit- Maximum 200 words)

3) SUBJECT ENRICHMENT ACTIVITY – **(Do any one project)**

Project Work -1

AZADI KA AMRUT MAHOTSAV - Prepare a collage on a A-4 size paper/Wall Magazine/PPT/Scrap book of various events of India's freedom struggle such as:

- 1) Revolt of 1857
- 2) Non Co-operation movement
- 3) Civil Disobedience movement
- 4) Leaders of Freedom struggle
- 5) Quit India Movement

Project Work – 2 (Paired state – Sikkim)

'Theme-based Display Board/Wall Magazine/ E - COLLAGE on the paired state/UT

(Historical Monuments, Dressing style, Painting, Dance, Music, Folk art, Handicrafts, Alphabet and Basic

sentences, Flora and Fauna, wild-life, knowledge of plants used for traditional medicine climate , ecosystem, etc. of the paired state/UTs)

KENDRIYA VIDYALAYA AFS RAJOKRI, NEW DELHI
SUMMER VACATION (03/5/2021 To 20/6/2021) HOME WORK
SOCIAL SCIENCE CLASS -IX

1) Revision for P.T.1

Geography chapter -1 & 2 , Economics chapter -1

(Learn all the NCERT exercises given behind each chapter of above mentioned chapters)

- 2) Write 30 questions for each chapter(India Size & Location ,Physical Features of India, Story of Village Palampur)
30 Questions Comprise
- 20 question objective type 1 mark (word limit-Maximum 20 words)
 - 6 question short answer type, carry 3 marks each(word limit- Maximum 80 words)
 - 4 question essay type carry 5 marks each (word limit- Maximum 200 words)

3) SUBJECT ENRICHMENT ACTIVITY

Project Work -1

AZADI KA AMRUT MAHOTSAV - Prepare a collage on a A-4 size paper/Wall Magazine/PPT/Scrap book of various events of India's freedom struggle such as:

- 1) Revolt of 1857
- 2) Non Co-operation movement
- 3) Civil Disobedience movement
- 4) Leaders of Freedom struggle
- 5) Quit India Movement

Project Work – 2 (Paired state – Sikkim)

'Theme-based Display Board/Wall Magazine/ E - COLLAGE on the paired state/UT

(Historical Monuments, Dressing style, Painting, Dance, Music, Folk art, Handicrafts, Alphabet and Basic

sentences, Flora and Fauna, wild-life, knowledge of plants used for traditional medicine climate , ecosystem, etc. of the paired state/UTs)

KENDRIYA VIDYALAYA AFS RAJOKRI, NEW DELHI
SUMMER VACATION (03/5/2021 To 20/6/2021) HOME WORK
SOCIAL SCIENCE CLASS - VI

- 4) Revision for P.T.1
Geography chapter -1 , History chapter- 1, Political Science chapter – 1

(Learn all the NCERT exercises given behind each chapter of above mentioned chapters)
- 5) Mark and label the following on an outline Political map of India: a) Indian states and their capital.
- 6) Mark and label the following on an outline Physical map of India: a) Mountains: Himalayan Mountain, Vindhya, Satpura b) Rivers: Ganga, Narmada, Tapi and Brahmaputra
- 7) Draw: a) Solar system b) Indian National Flag c) Indian National Flower d) Indian National Animal e) Indian National bird
- 8) Write Indian national song and national anthem. 5) Choose any 5 states of India and mention the following about them: a) Festivals b) Food c) Dress d) Art and architecture
- 9) Select 10 sentence or proverbs of your choice in Hindi or English. Write down the same 10 sentence in the languages of SIKKIM states of our country.
- 10) **Project Work – (State – Sikkim)**

Make a Theme-based Display Board/Wall Magazine/ E - COLLAGE on **SIKKIM** state.

(Historical Monuments, Dressing style, Painting, Dance, Music, Folk art, Handicrafts, Alphabet and Basic

sentences, Flora and Fauna, wild-life, knowledge of plants used for traditional medicine climate , ecosystem, etc. of the Sikkim)

KENDRIYA VIDYALAYA AFS RAJOKRI

HOLIDAY HOMEWORK

SUMMER VACATION (03.05.2021 – 20.06.2021)

SUBJECT – MATHS

CLASS VI

*All these questions are to be done in a separate notebook.

1. Learn multiplication tables from 2-20.
2. Practice all the examples from chapters 1-2
3. Using Match sticks write Roman Numerals from 1-10, 40, 50, 90, 100, 400, 500
4. Solve any two mathematical puzzles.
5. Make a video on any topic of your choice (Maths) and share it in Google classroom.

CLASS VIII

*All these questions are to be done in a separate notebook.

1. Learn multiplication tables from 2-20.
2. Practice all the examples from chapters 1-2
3. Define a parallelogram. Draw all types of parallelograms and write one property of each.
4. Solve any two mathematical puzzles.
5. Make a video on any topic of your choice (Maths) and share it in Google classroom.

CLASS IX

*All these questions are to be done in a separate notebook.

1. Learn multiplication tables from 2-20
2. Practice all the examples from chapters 1-4
3. Draw a chart taking any topic from the chapters 6-8.
4. Learn and write all the algebraic identities that you have learnt.

CLASS X

*All these questions are to be done in a separate notebook.

1. Practice the questions (previous years CBSE) given by the teacher.
2. Practice all the examples from chapters 1-3
3. Draw a chart/ppt/ video taking any topic from the chapters taught.
4. Learn and write all the trigonometric identities.

Priyanka Sharma, TGT(maths)

KENDRIYA VIDYALAYA AFS RAJOKRI

CLASS - 8A

SUBJECT : SCIENCE

SUMMER HOLIDAYS HOMEWORK 2021

- DO THE WRITING WORK IN YOUR SCIENCE NOTEBOOK.
- Learn and define keywords given in NCERT as discussed in class yesterday. Also write ques ans of chapter SYNTHETIC FIBRES AND PLASTICS given in the back exercise of NCERT.
- Learn first three chapters well. Also practice diagrams.
- Perform one Science Experiment from household items and make a video and post it on google classroom under the title HOLIDAY HOMEWORK.
- Describe an activity to show that thermoplastic is a poor conductor of electricity.
- SUBMIT ALL THE WORK ON GOOGLE CLASSROOM UNDER THE TITLE HOLIDAY HOMEWORK.

KENDRIYA VIDYALAYA AFS RAJOKRI

CLASS - XII

SUBJECT : PHYSICS

SUMMER HOLIDAYS HOMEWORK 2021

- Revise chapter 1,2 and 3. Write back exercise and examples of NCERT in fair notebook .
- Take a separate register and write all FAQ'S and OTQ'S given in soft copy to you in google classroom.
- Prepare a working model for science exhibition. You can make groups of five students and coordinate virtually.
- Read all lessons from NCERT book just like story book. It will help you in the coming months.

**Summer Break holidays HW
XII Computer Science
2021-2022**

**Dharmendra Singh Thakur
PGT CS
K V AFS Rajokri, New Delhi**

Very Short Answer Type Questions(1 mark)

Question 1.

Name the Python Library modules which need to be imported to invoke the following functions :

1. randint ()

2. power()

Question 2.

Name the modules to which the following functions belong:

1. Uniform ()
2. fabs ()

Question 3.

Differentiate between the round() and floor() functions with the help of suitable example.

Short Answer Type Questions (2 marks):

Question 1.

Out of the following, find those identifiers, which cannot be used for naming Variables or functions in a Python program:
Total * Tax, While, Class, Switch, 3rd Row, finally, Column 31, Total. [CBSE Outside Delhi-2016]

Question 2.

Name the Python Library modules which need to be imported to invoke the following functions :

1. sqrt()
2. ceil()

Question 3.

Out of the following, find the identifiers, which cannot be used for naming Variable or Functions in a Python program: [CBSE Delhi 2016]

_Cost, Price*Qty, float, switch, Address one, Delete, Number12, do

Question 4.

Out of the following find those identifiers, which can not be used for naming Variable or Functions in a Python Program:

Days * Rent, For, A_price, Grand Total, do, 2Clients, Participantl, My city

Question 5.

Name the function / method required for [CBSE SQP 2015]

1. Finding second occurrence of m in madam.
2. get the position of an item in the list.

Question 6.

Which string method is used to implement the following:

1. To count the number of characters in the string.
2. To change the first character of the string in capital letter.
3. To check whether given character is letter or a number.
4. To change lowercase to uppercase letter.
5. Change one character into another character. [CBSE TextBook]

Question 7.

Why does the expression $2 + 3*4$ result in the value 14 and not the value 24?

Question 8.

How many times will Python execute the code inside the following while loop? You should answer the question without using the interpreter! Justify your answers.

```
i = 0
while i < 0 and i > 2 :
    print "Hello ..."
    i = i+1
```

Question 9.

State whether the statement is True or False? No matter the underlying data type if values are equal returns true,

```
char ch1, ch2;
if (ch1==ch2)
print "Equal"
```

Question 10.

What is the difference between '/' and '//' ?

Answer:

Question 11.

How can we import a module in Python? Give an example

Question 12.

What is the difference between parameters and arguments? Explain with example.

Question 13.

What are default arguments? Explain with example.

Question 14.

What are keyword arguments? Explain with example.

Question 15.

What is the difference between a tuple and a list? Explain with example.

Question 16.

Carefully observe the following python code and answer the question that follows:

```
x=5
def func2():
    x=3
    global x
    x=x+1
    print x
print x
```


Questions 17. Explain the output with respect to the scope of the variables.

TOPIC – 2

Writing Python Programs

Question 18.

Rewrite the following code in Python after removing all syntax errors(s). Underline each correction done in the code. [CBSE Delhi-2016]

```
for Name in [Amar, Shveta, Parag]
    if Name [0] = 's':
        print (Name)
```

Question 19.

What would be the output of the following code snippets?

```
print 4+9
print "4+9"
```

Question 20.

What is the result of $4+4/2+2$?

Question 21.

Write the output from the following code: [CBSE Text Book]

```
x= 10
y = 20
if (x>y):
    print x+y
else:
    print x-y
```

Question 22.

Write the output of the following code:

```
print "Python is an \n interpreted \t Language"
```

Question 23.

Write the output from the following code:

```
s = 0
for I in range(10,2,-2):
    s+=I
print "sum= ",s
```

Question 24.

Write the output from the following code

```
n = 50
i = 5
s = 0
while i<n:
    s+ = i
    i+ = 10
    print "i=",i
print "sum=",s
```

Question 25.

Observe the following Python code carefully and obtain the output, which will appear on the screen after execution of it. [CBSE SQP 2016]

```
def Findoutput ():
    L = "earn"
    x = " "
    count = 1
    for i in L:
        if i in ['a', 'e',' i', 'o', 'u']:
            x = x + 1. Swapcase ()
        else:
            if (count % 2 != 0):
                x = x + str (len (L[:count]))
            else:
                x = x + 1
    count = count + 1
    print x
Findoutput ()
```

TOPIC – 5 Short Programs

Question 26.

Write a program to calculate the area of a rectangle. The program should get the length and breadth ; values from the user and print the area using user defined function.

Question 27.

Write a program to calculate the roots of a quadratic equation using user defined function

Question 28.

Write a program to input username and password and to check whether the given username and password are correct or not.

Question 29.

Write a method in Python and display the prime numbers between 2 to N. Pass as argument to the methods.

Question 30

Project :

Each student has to make a project based on python topics.

Class-X & Subject-Information Technology

- I. Complete handwritten notes of chapter-1 and 2 with exercise from textbook in the IT theory Notebook
- II. Read Part-A (All 2 Chapters)
- III. Solve all Quiz of chapter-1 and 2 through google classroom
- IV. Complete assignment and worksheet of Part-A Unit-01 & 02
- VI. Make chart for the decoration of Computer Lab

VII. Solve 5 sample paper for the practice of PT-I (From chapter-1 and 2) in the monthly test notebook

Class IX , AI , Holiday home work

EXERCISE

1. Write about the following in brief:
 - a. Artificial Intelligence
 - b. History of AI
 - c. John Mc Carthy
 - d. Types of AI
 - e. Types of Machine Learning
2. Explain the Domains of AI.
3. What do you mean by Supervised Learning?

4. What do you mean by Unsupervised Learning?
5. Explain the term Reinforcement Learning?
6. Give the use of the following:
 - a. Deep Learning
 - b. Machine Learning
7. How does Machine Learning differ from Deep Learning.
8. Name the various subfields of AI.
9. Name the FOUR people responsible for the development of AI.

10. Fill In the blanks:

- a. _____ is a technology and a branch of computer science that deals with the study and development of intelligent machines and software.
- b. AI Stands for _____
- c. Artificial intelligence can be divided into _____ subfields.
- d. _____ is the art of Study of Algorithms that learn from examples and experiences.
- e. Deep learning is a sub-field of _____.
- f. _____ Learning is related to the concept of Work on Me!
- g. Reinforcement Learning relates to _____ of doing things.
- h. The three domains of AI are _____, _____ and _____.

1. Define the term SMART Cities.
2. Write about the objectives of Smart Cities.
3. What are the parts of a Smart City Framework?
4. What are the uses/advantages of Smart Cities?

Give the use of the following:

- a. Smart living
 - b. Smart Environment
 - c. Smart Mobility
 - d. Smart Governance
 - e. Smart People
 - f. Smart Economy
5. Write about the use of Technology in Smart Cities.
 6. What is the need of Smart Cities.
 7. Name the various features offered by Smart Cities.
 8. Name various components of Smart Cities.

Python Questions and Answers – Turtle Module – 1

Class VI TO VIII and (IX AI)

1. What will be the output shape of the following Python code?

```
import turtle
t=turtle.Pen()
for i in range(0,4):
    t.forward(100)
    t.left(120)
```

- a) square
- b) rectangle
- c) triangle
- d) kite

2. The number of lines drawn in each case, assuming that the turtle module has been imported:

```
Case 1:  
for i in range(0,10):  
    turtle.forward(100)  
    turtle.left(90)  
Case 2:  
for i in range(1,10):  
    turtle.forward(100)  
    turtle.left(90)
```

- a) 10, 9
- b) 9, 10
- c) 9, 9
- d) 10, 10

Draw a Square

Draw a star

Draw a Hexagon

Draw a square inside another square box.

Drawing of another pattern

Example code

```
# import turtle library  
  
import turtle  
  
colors = [ "red", "purple", "blue", "green", "orange", "yellow"]  
  
my_pen = turtle.Pen()  
  
turtle.bgcolor("black")  
  
for x in range(360):  
    my_pen.pencolor(colors[x % 6])  
  
    my_pen.width(x/100 + 1)  
  
    my_pen.forward(x)
```

```
my_pen.left(59)
```