

CLASS X HOLIDAYS HOMEWORK 2026-27

ENGLISH

1. Do the assignment worksheets given for the lesson covered on A4 size ruled sheets.
2. Create a poster(A3 size sheet) on the “Education” Unit of your Main Course Book.

Clue: Poster needs to be creative and must include various types of education (Inclusive Education, Vocation Education, Distance and Open Education etc.)

ASSIGNMENT LINK –

<https://drive.google.com/file/d/16zPtvkbEQi54EqyzcWD0rL0HntSDfE1a/view?usp=drivesdk>

HINDI

(क) निम्नलिखित कार्य पोर्टफोलियो फाइल हेतु A-4 शीट पर कीजिए -

1. कबीर की साखियों के भाव साम्य पाठ्येतर चार दोहे लिखिए।
2. किन्हीं तीन महिला स्वतंत्रता सेनानियों पर आधारित चित्र सहित जानकारी लिखिए।
3. 'तीसरी क़सम' पाठ में प्रयुक्त मुहावरों और समास पर आधारित समास चक्र एवं मुहावरा चक्र बनाइये।
4. 'पद' (मीराबाई) पर आधारित श्री कृष्ण के रूप सौंदर्य का वर्णन करते हुए प्रवाह संचित्र बनाइये।
5. ततारा के चारित्रिक गुणों पर आधारित मीन-आरेख बनाइए।
6. राजा रंतिदेव, महर्षि दधीचि, राजा कर्ण व राजा शिवि की संक्षिप्त जानकारी चित्र सहित लिखिए।

(ख) निम्नलिखित विषयों पर लगभग 120 शब्दों में अनुच्छेद व्याकरण की कॉपी में लिखिए-

- (i) महानगरीय जीवन: तनाव का जीवन
- (ii) दुर्लभ होता है अच्छा मित्र
- (iii) सोशल मीडिया: बेकार का जंजाल

नोट:- प्रथम सत्रीय परीक्षा हेतु दिए गए पाठ्यक्रम की पुनरावृत्ति कीजिए।

SANSKRIT

*पाठ - 1 से 10 तक के

समास, सन्धि, प्रत्यय शब्दार्थ पृथक् - 2 करके लिखे ।

- तिरुक्कुरल सूक्ति पाठ श्लोक 1-5
- वाङ्मयं तपः 6 - 10group
- गीता श्लोक - II - 15group
- कृष्ण - अर्जुन चित्र 16-20group (2 चित्र)
- राष्ट्रं संहरतं-21-30group चित्र (2 चित्र)
- सूक्ति - 31-40(individual)
- 41-50 कार्डबोर्ड पर शिव चित्र बनाकर माहेश्वर सूत्र दर्शाने है । (5 फुट - 7 inch)

MATHS

1. Do the assignments of the following chapters in assignment register-

Ch - 1 Real numbers

Ch - 2 Polynomials

Ch- 3 Pair of linear equations in two variables

Ch - 4 Quadratic Equations

Ch - 8 Introduction to Trigonometry

2. Do the activity of Pair of Linear Equations in two Variables in activity file.

3. Create the mind maps of the following chapters in the activity file-

A. Introduction to Trigonometry(Compulsory)

B. Real Numbers/ Polynomials/ Pair of Linear Equations in two variables/ Quadratic Equations(Choose 1 out of 4).

4. Prepare for the Term - 1 Examination.

SCIENCE

BIOLOGY

1. Revise the syllabus for term-1 Ch-5- Life processes
2. Complete NCERT intext and exercise questions answers of ch-5 in Fair notebook.
1. Portfolio :- Draw neat and well labelled diagrams of the following systems/organs/process on the A4 size sheets.
 - a) Open and closed stomatal pore
 - b) Nutrition in Amoeba.
 - c) Human heart
 - d) Human digestive system.
 - e) Human respiratory system
 - f) Human excretory system

- NOTE: Keep them safely for the portfolio in a folder .

CHEMISTRY

- Revise the syllabus for term -1 ch-1 chemical reactions and equations, ch-2 acid bases and salts.
- Complete NCERT intext and exercise questions answer of ch-2 in fair notebook.
- Portfolio:-
 1. Testing Acids and Bases from Kitchen Lab using Natural & Olfactory Indicators
;Document chemical changes effectively using photographs in a scrapbook.
 1. How can natural indicators be used to identify acids and bases in household substances?How does kitchen chemistry help us understand real-life chemical reactions?(Ex:- red cabbage, beetroot,rose petals , turmeric, litmus, hibiscus, black berry etc)
 2. How do olfactory indicators help in distinguishing acids and bases?Can smell-based indicators be used as an alternative when colour indicators are not available.
* * * *Note:- Document in scrap book either A or B (With proper list of acids and bases from kitchen lab)
 2. Write 5 balanced chemical reactions of each.

of the following:- (on A4 sheets)
 - (A) Combination reaction
 - (B) Decomposition reaction (thermal, photolytic, electrolytic)
 - (C) Displacement reaction
 - (D) Double displacement reaction (precipitation reaction)
 - (E) Redox reaction (write oxidised , reduced , oxidising agent and reducing agent)

PHYSICS

3. Revise the syllabus for term-1 Ch- Electricity(till series and parallel)
4. Complete NCERT intext and exercise questions answers of ch-Electricity in Fair notebook.

Portfolio

- Roll no 1-25 :- Demonstrate that bulbs connected in a series circuit appear dimmer than those connected in a parallel circuit using simple materials (without using an ammeter or voltmeter).Try adding pencil lead in the circuit and observe any change in brightness. Explain your result on an A4 size pastel sheet also.

- Roll no 26 onwards:- Using a battery, a bulb, connecting wires, and two different materials (for example, a piece of copper wire and a piece of pencil lead or any other waste material), set up separate circuits to verify Ohm's Law. What do your observations suggest about the relationship between resistance of a material and the current flowing through it when the voltage remains the same?

SOCIAL STUDIES

1. Complete all the given Assignments.
2. Learn all the Question-Answers for Term-1 Examination
3. Make a Project File on the following topics given by CBSE. The file should have good content related pictures and proper introduction and conclusion. Support it with relevant case-study. The topics are-

10A - Social Issue

10B - Consumer rights

10C - Social Issues

10D - Sustainable development

10E - Consumer Rights

10F - Sustainable Development

INFORMATION TECHNOLOGY

- Complete Question Answers of Unit 1 - Advanced Digital Documentation in your register.
- Revise Unit 1 of both the books.
- Complete Practical of Unit 1 in Practical file.

PHYSICAL ACTIVITY TRAINER

Complete following in a file from subject specific skills book.

*Activities included in physical education program page 12

*Lesson plan given on page 56,57

*Create an agenda for assembly page 28 tabular form

*Task to be done during and after the assembly page 29, 30

*Sample PTM invitation letter page 34 both letters

*Parent feedback form sheet page 35

*Components of fitness page 39

*BMI table complete with any five readings of BMI page 40

*Skill related components page 42

*Sample report card page 51

*List of common equipment with usage page 63,69

i. Any two throwing and catching equipments

ii. Any two use to Mark boundaries

iii. Any two use for target practice

iv. Any two use for storage of props

v. Any two equipments used for jumping activities

vi. Bib, relay baton ,sit and reach box ,medicine ball

*Audit sheet page 72

PERFORMING ART (Art and Craft Students only)

Topic:- Replica of any great artist from India or abroad. Draw and colour only one painting.

Sheet size - A3 size

Medium - Any (watercolour/ poster/ oilpastelcolours/ pencilcolour)

Western Artist painting

1.Vincent van Gogh 2. Leonardo da Vinci, 3. Pablo Picasso OR any other western artist painting.

Indian Artists Painting

1. M.F. Husain 2.Amrita Sher-Gil

3.Jamini Roy OR any other Indian artist painting.

Key Points for Replica Work

- *Write details on back of sheet*:- Original artist name, painting title, year, medium used by original artist, your name, class, roll no

- Finish the borders cleanly.

ARTIFICIAL INTELLIGENCE

Python Practical File

Instructions:

1. Write all programs given below neatly in your Practical File after watching the Python Tutorial.
2. On the right side of Practical File, write the Python program/code.
3. On the left side of Practical File, paste or write the output of the program.
4. Use proper headings and program numbering.
5. Write the aim/question before every program.
6. Practice running each program on the computer before writing it in the file.
7. Python tutorial -
https://docs.google.com/document/d/15uIF3_jFFvt0awBImg5_Fhi2Ykku21fFLcrBE0F1--Q/edit?usp=sharing

Python Practical Questions

1. Write a Python program to display your name, class, and school name using variables.
2. Write a Python program to store two numbers in variables and display their sum, difference, product, and quotient.
3. Write a Python program to find the area of a rectangle using length and breadth stored in variables.
4. Write a Python program to swap the values of two variables.
5. Write a Python program to check the data type of different variables using type() function.
6. Write a Python program to take your name as input and print a welcome message.
7. Write a Python program to calculate the square and cube of a number.
8. Write a Python program to check whether a number is positive, negative, or zero using if-else.
9. Write a Python program to check whether a number is even or odd.
10. Write a Python program to find the greater number between two numbers using if-else.
11. Write a Python program to find the greatest among three numbers.
12. Write a Python program to check whether a student has passed or failed. (Pass marks = 33)
13. Write a Python program to check whether a year is a leap year or not.
14. Write a Python program to display numbers from 1 to 10 using for loop and range() function.

15. Write a Python program to display all even numbers from 1 to 50.
16. Write a Python program to display all odd numbers from 1 to 50.
17. Write a Python program to print the multiplication table of a number using for loop.
18. Write a Python program to find the sum of numbers from 1 to 100 using for loop.
19. Write a Python program to count the number of characters in a string.
20. Write a Python program to display each character of a string using a for loop.
21. Write a Python program to count the number of vowels in a string.
22. Write a Python program to reverse a string using loop or slicing.
23. Write a Python program to check whether a string is a palindrome or not.
24. Write a Python program to print the following pattern using for loop:

```
*  
**  
***  
****  
*****
```

25. Write a Python program to print the following pattern using for loop:

```
1  
12  
123  
1234  
12345
```