

HOLIDAY HOMEWORK (2023 -24)

CLASS : XII HUMANITIES

ENGLISH

Project work to be prepared as per instruction listed below.

1. The entire project should be in a file format.
2. The project should be hand written in blue/black pen (Highlighters can be used).
4. The project report should be developed in the following sequence–

- Cover page: School Name, logo, Title statement, Name of the Student and Year/session
- Index (list of contents)
- Acknowledgements and Preface
- Certificate
- Introduction statement (The purpose of the Project)
- Detailed Project
- Learning out comes/experiences
 - The project may consist of illustrations/photos/sketches as per the need and suitability in respect of the pattern of presentation

Choose any one of the topics:

1. Attempt a descriptive paragraph on each- Anees Jung, Saheb Alam, Mukesh, Savita, Grand Mother with reference to the chapter “The Lost spring (Stories of Stolen Childhood)”
2. Kamala Das and her mother as described in the given poem “My Mother at Sixty-Six”
3. “I am always sorry when any language is lost, because languages are the pedigrees of nations.”
- Samuel Johnson (Comment and explain with reason the mentioned quote with reference to the chapter- The Last Lesson)

PHYSICAL EDUCATION

Practical - 3

IOA recognized Sport/Game: Volleyball or Badminton (any one)

1. Introduction
2. Labelled diagram of Field/Court
3. Equipments
4. Rules of Game
5. Terminologies
6. Skills

Note:

Use Inter leaf page to write your project.

Paste and Draw relevant picture (Use white sheet or page)

Project should be completely hand written.

PAINTING

1. Draw a composition of tea stall, can use any colour, use 1/4th size art paper.
2. Make a composition on any festival of India in 1/4th size art paper.
3. Arrange some vegetables in your home and make a still life with different grades of pencil in 1/4th size art paper.
4. Arrange some flowers with flower vase in your home and make a still life with water colour in 1/4th size art paper.

GEOGRAPHY

Practical work on Data Processing and Thematic Mapping.

Note:

Use Interleaf page to write the practical.

Draw the diagram on the White sheet.

Practical should be completely handwritten.

Put the heading properly.

HISTORY

1. Do the investigatory work for your project :

- a. Data Collection
- b. Information and picture collection.
- c. Introductory page
- d. Acknowledgement
- e. Index
- f. Introduction to the topic
- g. Bibliography
2. Draw a map based on Ch -1 ,use a pencil to circle the sites where evidence of agriculture has been recovered .Mark an X against sites where there is evidence of craft production and R against sites where raw materials were found .
3. Discuss how archaeologists reconstruct the past.

Chapter : Kings, farmers, towns

4. What are the sources of information about the Mauryan Dynasty?
5. What are the major reasons for the the popularity of Magadha as a powerful Mahajanapada?

POLITICAL SCIENCE

Prepare a Project Report on any one topic from the following:

1. Globalization: A move towards a global nation.
2. Threats to security in the contemporary world.
3. The relevance of world organizations in the modern world.
4. Challenges to nation building in India
5. Planning and Development in contemporary India (Planning Commission and NITI Aayog)
6. Crisis in the Democratic Order: Emergency and it's Aftermath.

Note:

Use Interleaf page to write your project.

Paste and Draw relevant picture (Use White sheet or page)

Project should be completely handwritten.

Project should have the following:

1. Index
2. Acknowledgement
3. Introduction to the topic
3. Content of the project
4. Research work.
5. Conclusion
6. Bibliography
7. Photo Gallery
8. Proforma

Follow all the instructions given in class related to the project work.

ECONOMICS

Prepare a Project Report on any one topic from the following:

1. Measurement of National Income
2. Money and Barter System
3. Banking
4. Indian Economy on the eve of Independence
5. Any current Economic issue or any other chapter from the syllabus can also be selected.

Note:

Use Interleaf page to write your project.

Paste and Draw relevant picture (Use White sheet or page)

Project should be completely handwritten.

Project should have the following:

1. Index
2. Acknowledgement
3. Introduction to the topic
3. Content of the project
4. Research work.
5. Conclusion
6. Bibliography

Follow all the instructions given in class related to the project work

INFORMATICS PRACTICES

Write the programs along with the output in the practical copy only. (INDEX must be written)

1. Create a Pandas series from a dictionary of values and an ndarray.
2. Write a Pandas program to perform arithmetic operations on two Pandas Series.
3. Write a Pandas program to add some data to an existing Series.
4. Write a Pandas program to select the rows where the percentage greater than 70.
5. Write a Pandas program to select the rows the percentage is between 70 and 90 (inclusive)
6. Write a Pandas program to change the percentage in given row by user.
7. Write a Pandas program to join the two given dataframes along rows and assign all data.
8. Write a Pandas program to join the two given dataframes along columns and assign all data.
9. Write a Pandas program to append a list of dictionaries or series to a existing DataFrame and display the combined data.
10. Program to select or filter rows from a DataFrame based on values in columns in pandas (Use of Relational and Logical Operators)
11. Filter out rows based on different criteria such as duplicate rows.
12. Importing and exporting data between pandas and CSV file.
 - To create and open a data frame using 'Student_result.csv' file using Pandas.
 - To display row labels, column labels data types of each column and the dimensions
 - To display the shape (number of rows and columns) of the CSV file.
13. Read the 'Student_result.csv' to create data frame and do the following operation:
 - To display Adm_No, Gender and Percentage from 'Student_result.csv' file.
 - To display first 5 and last 5 records from 'student_result.csv' file.
14. Read the 'Student_result.csv' to create data frame and do the following operation:
 - To display Student_result file with new column names.
 - To modify the Percentage of student below 40 with NaN value in dataframe.
15. Read the 'Student_result.csv' to create data frame and do the following operation:
 - To create a duplicate file for 'student_result.csv' containing Adm_No, Name and Percentage.
 - Write the statement in Pandas to find the highest percentage and also print the student's name and percentage.
