ST. JOSEPH'S ACADEMY
HUMANITIES
HOLIDAY HOMEWORK (2025-26)
CLASS – XII

Class – XII (2025-26)

ENGLISH

1. Read the lesson **Indigo** and prepare a **PPT** on the events related to it.
2. Prepare the **English project** for Board assessment. Topics will be shared in class group.
3. Prepare well for **speaking skill** test. Topics were shared in class group.
4. Read all the lessons done in class and **complete** the **assignments** related to them in English Notebook.
5. Read **newspaper** everyday. Develop **reading** and **writing** habit

Class – XII (2025-26)

HISTORY

A. PROJECT WORK

1. As per division of topics.

2. Follow the guidelines of CBSE.

3. Format should be same as taught in class.

- Cover Page should be attractive as per topic.

B**. Prepare all the case studies and map in a folder as sent through groups.**

C. Prepare for UTs.

Class – XII (2025-26)

Economics (030)

I. Make a project file on one topic as discussed in class following given instructions:

A) Ring file must be used.

B) For writing section , use either designer or self – created design sheets.

C) Paste relevant pictures wherever necessary

D) Avoid glitter pens, sheets.

E) Include Research work like charts, case study, pie diagram, newspaper cutting, articles relevant to the topic.

F) Minimum pages should be at least 30, maximum has no limit.

G) Last date for submission : First day after school reopens.

Project work topics: (choose any one)

- Money& banking
- Government budget
- Measurement of National Income
- Self- Help group
- Demonetisation
- GST
- Organic farming
- Indian Economy on the eve of Independence
- Make in India
- Exchange Rate system
- Rural Development
- An assessment of Globalisation & economics development in India.

Class – XII (2025-26)

POLITICAL SCIENCE

A. PROJECT WORK

1. As per division of topics done in class.

2. Follow the guidelines of CBSE.

3. Format should be same as taught in class.

- Cover Page should be attractive as per topic.
- Paste relevant pictures
- Content should have a proper order and timeline

B**. Prepare all the chapters and complete the copy work with the Cartoons of all the chapters. Each Cartoon you will explain and the question will be – "What does the cartoon represent"?**

Class – XII (2025-26)

SUBJECT: PHYSICAL EDUCATION (048)

PRACTICAL FILE / PROJECT WORK

Instructions:

- All work is to be done in the Physical Education Practical File only.

- Paste relevant pictures wherever necessary.

- Ensure the explanation is clear, neat, and topic-based.

- The completed practical file must be submitted on the first day after the school reopens.

PRACTICAL WORK TOPICS:

Practical – 1:

Fitness tests administration. (SAI Khelo India Test)

Practical – 2:

Procedure for Asanas, Benefits and contraindications for any two asanas for each lifestyle disease.
Practical – 3:

Anyone one IOA recognised Sports/Game of choice. Labelled diagram of field and equipment. Also mention its rules, terminologies and skills.

- Labelled diagram of field & equipment

- Basic rules of the game

- Common terminologies used

- Fundamental skills required to play

Class – XII (2025-26)

Informatics Practices(065)

Instructions –

*Do all the questions in the subject notebook .

*Complete your Note book work and submit your registers with this work on the assigned day after reopening.

*Make a presentation (ppt) on the topic allotted to your group .

*submission date for the register/notebook will be on 4-7-25(Friday)

Q.1 Consider the following Python code and write the output for statement.

```
import pandas as pd
values=["India", "Canada"]
code=["IND", "CAN"]
df=pd.DataFrame(values,index=code,columns=["Country"])
print(df)
```

Q2. The teacher needs to know the marks scored by the student with roll number 4. Help her to identify the correct set of statement/s from the given options :

a. df1=df[df[‘rollno’]==4]

print(df1)

Q3. Given the Output of the code

```
>>>import pandas as pd
>>>a= pd.DataFrame([1,1,1,None],index=[‘a’, ‘b’, ‘c’ , ‘d’], column = [‘One’])
>>>print(a)
```

Q4. Write the output of the following code

```
import pandas as pd
data = [[‘Alex’,10], [‘Bob’,12], [‘Clarke’,13]]
df = pd.DataFrame(data,columns = [‘Name’ , ‘Age’])
print(df)
```

Q5. Write a Python code to create a dataframe with appropriate headings from the list given

below :

[‘S101’, ‘Amy’ ,70]

[‘S102’, ‘Bandhi’ ,69]

[‘S103’, ‘Cathy’ ,75]

[‘S104’, ‘Gundoho’ ,82]

Q6. Consider the following Series object, “company” and its profit in Crores

TCS	350
RELIANCE	200
L&T	800
WIPRO	150

(i) Write the command which will display the name of the company having

profit>250.

(ii) Write the command to name the series as Profit.

Q7.Draw the mind maps of series, dataframe and CSV files separately including all the topics as per your curriculum.

Q8. Give the output of the following code: import numpy as np import pandas as pd
dict={'Name':pd.Series(['Anu','Abhishek','Rajeev','Ritu']),'Age':pd.Series([26,25,24,31]),
'Score':pd.Series([87,67,89,55])}

df=pd.DataFrame(dict)

print("Dataframe contents are")

print(df)

print(df.count())

Q9. Suppose a data frame contains information about student having columns rollno, name, class and section.

Write the code for the following:

(i) Add one more column as fee

(ii) Write syntax to transpose data frame.

(iii) Write python code to delete column fee of data frame.

(iv) Write the code to append df2 with df1

(v) Display data of 1st to 3rd rows

Q10. Given the Output of the code

```
>>>import pandas as pd
>>>a= pd.DataFrame([1,1,1,None],index=['a', 'b', 'c' , 'd'], column = ['One'])
>>>print(a)
```

Class – XII (2025-26)

MATHEMATICS (041)

- **Do the following activities in Maths Practical file.**

Activity 1: To verify that the relation R in the set L of all lines in a plane, defined by R = {(l, m): l ⊥ m} is symmetric but neither reflexive nor transitive.

Activity 2: To verify that the relation R in the set L of all lines in a plane, defined by R = {(l, m): l || m} is an equivalence relation.

Activity 3: To demonstrate a function which is not one-one but is onto.

Activity 4: To sketch the graphs of a^x and $\log_a x$, $a > 0$, $a \neq 1$ and to examine that they are mirror images of each other.

Activity 5: To find analytically the limit of a function f (x) at x = c and also to check the continuity of the function at that point.

Activity 6: To understand the concepts of local maxima, local minima and point of inflection.

Activity 7: To understand the concept of absolute maximum and minimum values of a function in a given closed interval through its graph.

Activity 8: To verify that amongst all the rectangles of the same perimeter, the square has the maximum area.

Activity 9: To locate the points to given coordinates in space, measure the distance between two points in space and then to verify the distance using distance formula.

Activity 10: To explain the computation of conditional probability of a given event A, when event B has already occurred, through an example of throwing a pair of dice.

DO REFER THE PDF SENT IN CLASS GROUP TO COMPLETE ALL ACTIVITIES MENTIONED ABOVE