



**PIET SANSKRITI SENIOR SECONDARY SCHOOL  
NFL TOWNSHIP PANIPAT  
2021-22  
Class 12  
English**

**Instructions:-**

- 1. Utilize your summer vacation constructively. Read good books / English news paper daily. Obey your parents & help them. Be in touch with your subjects. Learn 5 new words with meaning daily.**
- 2. Note : Do the assignments on Ruled Sheets and submit the work in a separate file on the reopening day.**
- 3. Update your Register with all the Hometasks & Class tasks assigned during the Online Classes.**
- 4. Update your Literature Register with the Question-Answers of the 5 lessons and 3 poems. (My Mother At Sixty-Six, An Elementary School Classroom In A Slum, Keeping Quiet, The Last Lesson, Lost Spring, Deep Water ,The Rattrap , Indigo and the Writing Skill work done before 12<sup>th</sup> June)**
- 5. Updated English Register should be submitted for checking on the day the school reopens after vacation.**
- 6. Revise the syllabus already done during the Online Classes in preparation for the next exams**

**Work Specification: - Essay Writing**

**Answer any FOUR of the following ELEVEN questions.**

**Each essay should be 500–800 words long. Use examples to support your arguments. o You must submit Hand Written answers only.**

**Questions:**

- 1. HAZARDS OF E- Waste and its harmful effects on environment and human health.**
- 2. 'Modern technology imprisons the human spirit.' How much truth is there in this view?**
- 3. Despite the progress made in science, people are still interested in the supernatural. Why is this so?**
- 4. 'In the era of increasing automation and computerisation, mankind will be unable to continue earning a living.' Discuss.**
- 5. 'Newspapers deliberately create panic and sensation in order to boost their circulation.' How far is this true?**
- 6. 'Science will never be able to provide solutions to everything.' Discuss.**

7. Some people are seriously considering visiting the planet Mars. Explain whether or not this would be worthwhile.

8. Nanotechnology has immense potential in medical science. How far should developments in this technology take priority in medical research?

9. To what extent can an individual in a developed country function effectively without the internet?

10. 'Modern toys fail to stimulate a child's creativity and imagination.' In your experience, how far is this true?

11. Consider the view that 'conservation of wilderness and wildlife should be the priority of all nations'

### **Work Specification: Letter Writing**

Write a letter in about 120 – 150 words to the Editor of a national daily expressing your views on the issue 'Dangers of Using Headphones on Roads and Railway Tracks'. Sign yourself as Himani / Hitesh Sabharwal of 69/7B, Lok Vihar, Rothak. You can take help from the newspaper clipping given below

### **Work Specification: Reading a Newspaper:-**

Read any English Daily Newspaper during your summer vacation. Go through the articles in the newspaper and select any five of them which should be of five different dates. Cut them and paste them in a file and write a response.

### **Work Writing : Newspaper Report**

Aggressive driving has been a problem on our roads for a while and it seems to be only getting worse. Incidents of screaming, rude gestures and sometimes even violence are reported frequently on our roads, resulting into road rage. As Lalit / Lalita, a Staff Correspondent for 'The Times of India', write a report in about 120 – 150 words on one such incident of road rage witnessed by you. You can take help from the following visual.

### **OPTIONAL TASK:-**

Enrich your vocabulary by learning the meanings of two new words every day.

<http://www.bbc.co.uk/bitesize/ks2/english/>

[http://www.englischhilfen.de/en/exercises\\_list/alle\\_grammar.htm](http://www.englischhilfen.de/en/exercises_list/alle_grammar.htm)

[http://www.testdesigner.com/questions/Grammar/Grade\\_8](http://www.testdesigner.com/questions/Grammar/Grade_8)

[www.goyalassignments.com](http://www.goyalassignments.com) <http://www.learnenglish.britishcouncil.org/en/english-grammar/>

## **Maths**

- 1. Do the given assignments in your fair notebook.(will be shared on WhatsApp Group).
- 2. Prepare for Chapter-2 and 5 for Review Test.
- 3. Do the following activities in the Lab Manual.
- (i) To draw the graph of  $\sin^{-1}x$  using the graph of  $\sin x$  and demonstrate the concept of mirror reflection(about the line  $y=x$ )
- (ii) To sketch the graph of  $a^x$  and  $\log x$ ,  $a>0$  and to examine that they are mirror image of each other.
- (iii) To find analytically the limit of function  $f(x)$  at  $x=c$  and also check the continuity of the function at that point.

## Physics

- 1.Revise L-1,2
- 2.Complete your practical files.
- 3.Learn all the syllabus covered uptill now.
- 4.Complete the assignments in a separate notebook.

## Chemistry

- 1)Revise and complete notes of Ch-1,2,3
- 2)Complete practical files
- 3)Write down all the assignments given in your notebook
- 4)Read previous year CBSE sample papers and solve the questions based on revised syllabus.

## Biology

- 1.Revise chapter 1 to 4.
- 2.Complete your practical files.
3. Do the given assignment in your notebook.

## Accountancy

1. Revise the following chapters:
  - i) Accounting for Not for Profit Organisations
  - ii) Fundamentals of Partnership
  - iii) Change in Profit Sharing Ratio among Partners.
2. Solve the questions given in CBSE Sample paper 2017, 2018, 2019 & 2020 related to above mentioned chapters.
3. Study the resources of any NGO of your choice and present the observation of the same in the class.
4. All the students will be provided a topic that they are required to explain to the class.

## Business Studies

1. **Revise the following Lessons:**
  - A) Nature and Significance of Management
  - B) Principles of Management
  - C) Business Environment
  - D) Planning
  - E) Consumer protection
  - F) Financial Management
2. **The students are required to visit any one of the following:**
  1. A departmental store.
  2. An Industrial unit.( If possible as it may be shut due to Covid)
  3. A fast food outlet.
  4. Any other organisation

**YOU ARE REQUIRED TO enquire and THEN MAKE A PROJECT FILE ON THE OBSERVATIONS MADE** into the application of scientific management techniques by F.W. Taylor in the unit visited.

Scientific techniques of management.

- 1). Functional foremanship.
- 2). Standardisation and simplification of work.
- 3). Method study.
- 4). Motion Study.
- 5). Time Study.
- 6). Fatigue Study
- 7). Differential piece rate plan.

3. **Solve Sample papers of 2018,19 and 20 and attempt all the Questions from the above revised Chapters.**

## Economics

### **1. Revise the following Lessons:**

**MACRO:** A) Introduction and Some Basic Concepts  
B) National Income and Related Aggregates  
C) Methods of Calculating National Income  
D) Money

### **INDIAN ECONOMICS:**

A) Indian Economy on the Eve of Independence  
B) Five Year Plans in India  
C) Agriculture, Industry and Trade  
D) New Economic Policy- Economic Reforms

**2. Make a Project File after having R&D done on - Goods and Services Tax Act and its Impact on GDP ( Maximum pages 10-15)**

**3. Solve Sample papers of 2018,19 and 20 and attempt all the Questions from the above revised Chapters.**

## Psychology

Prepare a case profile ( hard copy as well as presentation) using assessment methods like psychological tests, interviews, case study, report narration.

Observe and interview three persons in your neighbourhood in order to check how they differ from each other in terms of psychological attributes. Cover all five domains i.e. intelligence ,personality , aptitude, interest and values.

Prepare a psychological profile of each person and compare results.

By working in pairs present a well laminated portrait of seven eminent psychologists along with their short biographies on A3 size sheets.

The Psychologists are as follows:

1. Sigmund Freud
2. Abraham Maslow
3. Carl Jung
4. Raymond Catell
5. Evan.P. Pavlov
6. Wilhelm Wundt
7. Raven

Learn key terms ( glossary) of Unit 3 and 4 ( variations in psychological attributes and self and personality)

Watch any 3 movies based on psychological disorders and prepare a ppt on any one . Mention the names of the movies

## Entrepreneurship

### **1. Revise the Following Chapters:**

- i) Entrepreneurial Opportunity
- ii) Enterprise Planning
- iii) Enterprise Marketing

2. **Project Work** : Students will have to conduct the survey in any of the below mentioned topics and follow the guidelines given in your book:
- A) Conduct a simple market research with the objective of estimating demand for an existing product in the market. Students will have to give an innovative suggestion to the product.
  - B) Conduct a survey for a new innovative product.
  - C) Conduct a Survey for study on
    - a) Smoking Habits
    - b) Skill trading Option in an economic backward neighbourhood
    - c) Wearing Helmets
    - d) Attitudes of Road Users
    - e) Conservation of electricity
    - f) Rainwater Harvesting
3. CBSE Sample Papers of last 4 years (2017-2020) are to be done for the chapters covered in the Class.
4. All the students will be provided a topic that they are required to explain to the class.

### Food & Nutrition

1. Do the case study on any disease. Give its dietary management and nutritional considerations.
2. Prepare any FIVE recipes that are rich in energy, meant for a malnourished child who is 5 year old.
3. Make a poster on BMI “ by WHO .
4. Conduct an interview with any one family member or a person you are familiar with on topic of your choice. Create a youtube link of it .

### Painting

#### Revise unit 1

#### Miniature painting

- History of miniature painting
- The pala school
- The western Indian school or jain school of Art
- Rajput miniature or rajasthani school of painting  
(Study of the miniature painting of rajasthani school)

#### B. The pahari school of miniature painting

- Basohli
- Guler
- Kanga
- Kullu mandi

#### Practical work

- Complete the assignment Done till now
- 20 sketches

### Computer

Revise chapters-1, 2, 3, 4, 6, 10, 11, 12 and 13.

**Practical File Work:** (Write coding on lining sheet and write output on plain side)

1. Write a program for Binary search using functions as well as recursion.
2. Write a program to display Fibonacci series using Recursion.
3. Write a recursive function to calculate the Factorial of a number.
4. Create a program using Python libraries. (Hint: create your own directory and modules and include them in your program).
5. Create a student table and insert data. Implement the following SQL commands on the student table:
  - ALTER table to add new attributes / modify data type / drop attribute

- UPDATE table to modify data
- ORDER By to display data in ascending / descending order
- DELETE to remove tuple(s)
- GROUP BY and find the min, max, sum, count and average
- Find the min, max, sum, and average of the marks in a student marks table.

6. Write a SQL query to order the (student ID, marks) table in descending order of the marks.

## Project

The aim of the class project is to create something that is tangible and useful using Python / Python and SQL connectivity. This should be done in groups of two to three students and should be started by students at least 6 months before the submission deadline.

The aim here is to find a real world problem that is worthwhile to solve.

For example, if a business is finding it hard to create invoices for filing GST claims, then students can do a project that takes the raw data (list of transactions), groups the transactions by category, accounts for the GST tax rates, and creates invoices in the appropriate format. Students can be extremely creative here. They can use a wide variety of Python libraries to create user friendly applications such as games, software for their school, software for their disabled fellow students, and mobile applications, of course to do some of these projects, some additional learning is required; this should be encouraged. Students should know how to teach themselves. The students should be sensitized to avoid plagiarism and violations of copyright issues while working on projects.

### Web Applications

Revise ch -1,2

Practical File Work:

1. Split video clip using Windows Movie Maker(WMM).
2. Joining Video clips using WMM.
3. Perform Trimming video clip using WMM.
4. Adding Titles in video using WMM.
5. Publish a movie to your computer using WMM.
6. Embedding Audio in a Web Page.
7. Embedding Video in Web Page

### **IMPORTANT**

NCERT is running two online courses on DIKSHA for capacity building of students.

Courses can be accessed at:

e-Waste management - [https://diksha.gov.in/explore-course/course/do\\_31317226743536025612145](https://diksha.gov.in/explore-course/course/do_31317226743536025612145)

Covid 19: Responsive Behaviour -

[https://diksha.gov.in/explore-course/course/do\\_31326644727903027212744](https://diksha.gov.in/explore-course/course/do_31326644727903027212744)

Join the course Courses will be open till July 31, 2021.

