

NOIDA PUBLIC SR. SEC. SCHOOL

A-78, Sector-23, Noida-201301, G.B. Ngr. U.P

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Name: _____

Grade: XI

Section: A

Rippling crystal waters shine like silver to reflect summer's glow.
Soothing and calming in rhythm, echoing its lyrical flow.
Magical music of nature, a symphony of splendid delight.
Skies like blue oceans in paradise, birds soaring to grasp full flight.

Dear Parents,

“School stops for summer, learning never stops.”

Summer holiday homework is a way to keep your child connected to learning during this long break. It is an excellent opportunity to encourage children to work on their own and develop self-holiday homework designed would not only help your as responsible individuals.

Few guidelines for your parents to make your long summer break fruitful.

1. **“Knowledge is Power”**. Therefore encourage your child to cultivate the reading habit because it not only enhances the knowledge acquired but also develops the vocabulary, language skills and improves spellings. And also read to your child because it builds reading skills and increases his/her attention span.
2. Communication skills play a pivotal role in grooming the overall personality of the children. Converse with your child preferably in English to help him / her get comfortable with the language.
3. Spend quality time with your child engaging him / her in activities based on enhancing his /her powers of observation and imagination.
4. Sensitize your child about the rich culture and heritage by watching different informative channels like ‘The National Geographic’, Animal Planet etc.

Wishing you all happy times together!!!



ENGLISH

- Q1. Choose a country of your choice, research about its travelling prospects, history and language. On A4 Sheets, express your feelings about how your personality would have been, if you were part of that culture. Paste pictures of that country to beautify your work.
- Q2. Watch any of the below mentioned movies and share your learning from that movie on an A4 size sheet.
- Interstellar
 - I am Kalam
 - The Pursuit of Happiness
 - A Beautiful Mind
 - The Theory of Everything.
- Q3. Read any English newspaper every day during Summer Break. Find any captivating article/report/editorial content which amused you the most. Paste that content on A4 Sheets write about your opinion/views about it.
- Q4. Cut out 5 clippings of Classified Ads from the newspaper under the heads and paste them on A4 Sheets.
- Situation vacant
 - For sale
- Q5. Write a Paragraph on your Grandparents. Mention their qualities and memories with you. Paste or Draw their picture.

CHEMISTRY

- Q1. Prepare a model or chart to show the shapes of the different atomic orbitals – s,p,d or f.
- Q2. Write the electronic configurations of elements upto $Z=60$.
- Q3. Note down the percentage composition of the ingredients of the following:
- Shampoo
 - Face Wash
 - Cough Syrup
- Q4. Calculate the molarity and molality for 50 g, 60 g, 70 g, 80 g, 90 g, 100 g NaOH.
- Q5. Draw a flowchart to explain the different quantum numbers and their significance.

PHYSICS

- Q1. Prepare a chart of important dimensional formulae in ivory sheet.
- Q2. Prepare a chart on Keplers laws of planetary motion.
- Q3. Prepare a chart of range and order of masses.
- Q4. Prepare a chart of differentiation and integration.
- Q5. Prepare a chart of range and order of length.

BIOLOGY

- Q1. What are the two components of scientific name in binomial nomenclature?
- Q2. Give the rules for using an organism's name from the binomial nomenclature.
- Q3. Define: taxon. What is meant by taxonomic hierarchy?
- Q4. Which criteria were used by R.H. Whittaker to classify organism in the 5-kingdom system?
- Q5. What are the characteristic features of organisms in kingdom animalia?
- Q6. Prepare a chart using ivory sheet or model on the following
- Plant cell
 - Plant tissues
 - Animal tissues
 - Neuron

- 5. Mitochondria
- 6. Nucleus

COMPUTER SCIENCE

- Q1.Explain Basic Components of a computer system?
- Q2.Difference between Primary Memory and Secondary Memory.
- Q3. Explain Features of Python.
- Q4. Write the Python Program to print your name.
- Q5. Write the output of the following:


```
Num1=4
Num2=num1+1
Num1=2
Print(num1, num2)
```

PHYSICAL EDUCATION

- Q1. Write down the history of physical education and Ancient and Modern Olympic.
- Q2. Practice various Mudras and Asanas to increase height and pen down the observation.
- Q3. Labelled diagram of field & equipment of any one event of your choice out of the Athletics.
- Q4. Make a chart of Respiratory system/ Circulatory system with their functions.
- Q5. Describe Changing Trends in Sports & Games in terms of changes in Playing surface, Wearable gears, Equipment, Technological advancements.
 - *10 new trends in Sports and Games.

SYLLABUS PT-1 (2023-24)

<p>ENGLISH CORE HORNBILL Chapter 1. The Portrait of a Lady Poem A Photograph SNAPSHOTS Chapter 1. The Summer of the Beautiful White Horse READING Comprehension GRAMMAR Questions on Gap filling (Tenses, Clauses) WRITING Classified Advertisements</p>	<p>PHYSICS Chapter-1 Physical world and measurements Chapter-2 Motion in a plane</p>	<p>CHEMISTRY Chapter-1 Chapter - Basic concepts of chemistry Chapter – 2 Structure of atom</p>
<p>BIOLOGY Chapter -1 The living world Chapter -2 Biological classification Chapter -3 Plant Kingdom Chapter -4 Animal kingdom Chapter -5 Morphology of flowering plants</p>	<p>COMPUTER SCIENCE WITH PYTHON Chapter-1 Introduction to Computer System Chapter-2 Introduction to Python</p>	<p>PHYSICAL EDUCATION Unit-1 Changing Trends & Career in Physical Education Unit-2 Olympic Value Education</p>
<p>MATHEMATICS Unit-1 Sets and Functions</p>		

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