

Beetle's International School

Summer Holiday Homework (2024-25)

Dear Parents

As the upcoming summer holiday approaches, we would like to share with you an amazing opportunity for your child to take part in engaging and meaningful activities.

Enclosed with this message is; a summer break Assignment designed to encourage creativity, exploration, and lifelong learning. With these fun and educational summer activities, we are certain your child will have a fabulous time learning and exploring.

We encourage you to go along with your child on this journey of exploration. Together, let's make this summer break one filled with accomplishments, joy, and priceless memories.

Kindly be informed that Holiday Assignment will be assessed and evaluated and marks scored will be included in the forthcoming Exam.

Last date for submission of Holiday Assignment is Monday 24th June, 2024.

School reopens after Summer Vacation on Wednesday 19th June at 8.00 am. (Summer Schedule follows)

I wish everyone a wonderful and refreshing break!

PRINCIPAL

Class XII (Commerce)

Subject : English

Do entire work in a file.

- Q. 1 Prepare a project file that includes a write up about "Positive Attitude in life" or "Dream big and achieve it". (Word limit 500 words) You can paste relevant pictures and also decorate it accordingly.
- Q. 2 Read any novel of Charles Dickens/ Vikram Seth / Chetan Bhagat or any author of your choice write a book review on it describing all the main characters including flow chart and synopsis.
- Q. 3 Prepare a news letter, covering all the activities done in the school during April and May. It must contain four pages alongwith message from Principal, vice Principal, Class teacher and some articles. You can visit school Website for reference but please do not copy paste.
- Q. 4 Read chapters of your course book and prepare a flow chart of any two chapters from each book. (Vistas/Flamingo/Poetry)
- Q. 5 Learn all notes and chapters done in class.
- Q. 6 Write any story on "Meeting with the celebrity. Paste or draw pictures accordingly. Decorate it wonderfully. Also prepare yourself to narrate with proper modulation and intonation. Give it a catchy title also.

Subject : Physical Education

Write in following practical in Lab Manual with pictures.

- Q. 1 Practical 1 : Fitness Tests Khelo India Test (SAI)
Practical 2 : Procedure for Asanas, benefits and contraindication for any two Asanas for each lifestyle diseases.
Practical 3 : Anyone IOA recognized sports game of choice. Labelled diagram of field and equipment. Also, mention its rules, terminologies and skills.

Subject : Informatics Practices

- Q. 1 Write python program and their output.
- i) Write a program to calculate the length of a string.
 - ii) Write a program to create and display a one – dimensional array like object containing an array of data.
 - iii) Write a program to add, subtract, multiply and divide two pandas series.
Sample series [2, 4, 6, 8, 10], [1, 3, 5, 7, 9]
 - iv) Write a program to compare the elements of the two series.
Sample series [2, 4, 6, 8, 10], [1, 3, 5, 7, 9]
 - v) Define data frame in Pandas.
 - vi) What is Pandas numpy array?
 - vii) Write a numpy program to extract all odd numbers from a 1 dimensional array input.
array = [0, 1, 2, 3, 4, 5, 6, 7, 8, 9]
 - viii) Find the output of the following program:
Import numpy as np
a = np.array)(30, 60, 70, 30, 10, 86, 45)
print (a [2 : 5 : 2])
- Q. 2 Make a 3D model of star topology and tree topology.
- Q. 3 Make a working model of AI Based Rader signal processing.

Subject : Accountancy

- Q. 1 Students will make a project as prescribed by CBSE.
- Q. 2 A3 size colourful sheets will be used:

Topics

- i) Cash Flow Statement
- ii) Accounting Ratios
- iii) Common size Statement
- iv) Comparative Statement

Subject : Business Studies

- 1 Students will make a project as prescribed by CBSE
- 2 A3 size colourful sheet will be used:

Topics:

- i) Business Environment
- ii) Principles of Management
- iii) Consumer Protection Act (2019)
- iv) Marketing Management
- v) Functions of Management
- vi) Financial Market

Subject : Economics

1 Make a project as prescribed by CBSE.

2 A3 size colourful sheet will be used:

Topics:

- i) Balance of Payment
- ii) Human Capital formation
- iii) Foreign Exchange
- iv) Money and Banking
- v) Rural Development
- vi) Government Budget
- vii) National Income
- viii) L.P.G. (Economics Reforms)

Subject : Mathematics (Core)

Redo exercises of integration, counting and differentiability, matrices

A working or non-working model: Roll No. 1 to 10 – model on area under the curve

Roll No. = 11 to 20 : model on application of differentiation

Subject : Mathematics (Applied Mathematics)

Redo exercises of Numbers quantification and numerical

Application, Numerical Inequalities, Time Based Data

A working or non-working model : Roll No. 1 to 10 – Trend Component