ENGLISH

1. Read the following lessons carefully and make a question bank containing at least hundred questions:

    Flamingo: Lesson 1&2
    Poem 1&2
    Vistas: Lesson 1

2. Write a notice to be put up on your school notice board for the students of class 12th informing about the Online Classes during Summer Vacation. Invent all the details.

3. Draft a display advertisement for the Aid Centre run by you to help the Corona victims. Invite the volunteers for your centre to supply the fundamental necessities for the victims.

4. Write an article on the topic 'Nature has Become Revengeful' in 150-200 words.

5. During the utmost adverse situation spread by the novel coronavirus many people lost their loved ones. Many struggled hard to save their dears and paid a bulky amount for lifesaving goods. During this time, we saw the inhumane behaviour of the people towards the dying ones. They became so greedy that they even wanted to earn from dead bodies. Keeping in view the incidents of black marketing of the lifesaving goods and services like injections, Oxygen and tablets etc, prepare a report on the topic 'Black marketeers: The Hackers of Life'.

6. Write a speech on the topic 'Moral Degradation among the Students During Corona Period' and prepare it for the inter-class speech competition just after the vacation. Students securing first and second position will be awarded.

Note: 1. Question no. 1 is to be done in fair notebook.
2. Question number 2-6 is to be done on assignment sheets.

BUSINESS STUDIES

1. Revise NCERT and short answer questions of chapter 1 to 3 and chapter 11(Marketing Management)
2. Prepare project on any one topic from the following:
a) Business Environment
b) Marketing Management

ACCOUNTANCY

1. Do additional exercise questions of cash flow statement and ratio analysis in fair note book
2. Revise chapter 1 and 2 of Financial Statement Analysis
3. Prepare project:
    a) Comprehensive
    b) Specific

ECONOMICS

Do exercise questions of chapter 2 and 3 of Indian Economy and chapter 2, 3,and 4 of Macro Economics in fair notebook.

MATHEMATICS

1. Prepare an "Art integrated project" (in any one form - Power point presentation/project file/working model form) on following topics. (Any one)
    a. relation and function
    b. matrix and determinant

c. application of derivative.

d. inverse trigonometric function

2. Do 15 extra question (previous year questions) from each chapter -2,3,4 and 12.

3. Revise chapters 2,3,4 and 12 with examples.

4. Prepare a mind map of the topic as per given roll no

Roll No 1 to 15- Chapter matrix and determinant

Roll No 16-30 – chapter continuity and differentiability

Roll No 31 onwards – chapter linear programming problem

PHYSICAL EDUCATION

Theory: - Learn unit 1 (Management of Sporting events), 2 (Children and Women in Sports) and 5 (Sports and Nutrition)

Practical: - Practice ten Yogasana regularly from your syllabus (unit 3)

Project: - Make a project on Sports and Nutrition

INFORMATION PRACTICE

Q1.   Prepare notes and solve chapter back exercise of Chapter-1 (Querying and SQL Function) and Chapter-2 (Data Handling using Pandas-1). (Do only in fair notebook)

Q2   Select your topic for project and prepare individual project on selected topic.   (Help : How to prepare IP project YouTube videos will be shared in Whats App group)

Q3   Do the following assignment in fair notebook:

Consider a table **Teacher** that contains the following data:

EmpNo	FName	LName	Subject	Qualification	Salary	Post
1	Sandeep	Verma	S.St.	B.Ed	25409.789	TGT
2	Sonia	Kumari	Computer	BCA	21200.456	TGT
3	Nirmal	Sharma	Hindi	B.Ed	38274.657	PGT
4	Sanjeev	Shastri	Sanskrit	B.Ed.	28782.228	TGT
5	Rakesh	Sharma	English	B.Ed.	32892.487	PGT

Write the SQL commands which will perform the following operations:

i. To display first two characters in a string field "FName".

ii. To round the salary of Bed. Qualified teachers to one decimal place.

iii. To return the last 5 characters from a string field "LName".

iv. To display all first names ending with a.

v. To display 2 characters starting from the 3rd position from the string field "Subject".

Q4   Write SQL queries using SQL functions to perform the following operations considering above table 'Teacher' :

i. To display Teacher's first name where 'ee' occurs in the first name.

ii.To join First Name and Last name of the teachers with some space in between.

iii. To display contents of "Qualification" field in small letters.

iv. To display first 2 characters of the "Subject" field.

v. To round off the salary to the nearest integer.

Q5.   Write a program in Python Pandas to create the following DataFrame Student from a Dictionary:

RNO	Name	Term1	Term2
1	Ravi Kishan	90	80
2	Geeta Goel	65	45
3	Shiv Kumar	70	90
4	Shyam Garg	80	76

Perform the following operations on the DataFrame :

      1) Add the Marks of both terms of the student and assign to column "Total".
      2) Display the lowest score in both Term1 and Term2 of the DataFrame.
      3) Display the Dataframe.

Q6   Write the SQL functions which will perform the following operations:
    i) To display the name of the month of the current date .
    ii) To remove spaces from the beginning and end of a string, "   Panorama   ".
    iii) To display the name of the day eg, Friday or Sunday from your date of birth, dob.
    iv) To display the starting position of your first name(fname) from your whole name(name).
    v) To compute the remainder of division between two numbers, n1 and n2

Q7   Consider the following table "GYM" :-

ICODE	INAME	PRICE	OPENING DATE	BRANDNAME
G1	Power Fit Exercise	20000	29-10-2019	Power Gymea
G2	Aqufit Hand Grip	1800	13-03-2018	Reliable
G3	Cyber Bike	14000	18-03-2017	Ecobike
G4	Protoner Extreme Gym	30000	31-12-2018	Coscore
G5	Message Belt	5000	23-01-2010	Message Expert

Write SQL queries using SQL functions to perform the following operations:-
    a.   Display brand name and price after rounding off to zero decimal places.
    b.   Display the seven characters from item name starting from fifth character.
    c.   Display the position of occurrence of the string "ik" in item names.
    d.   Display the month name for the opening date of Gym in capital letters.
    e.   Display the name of the weekday for the opening date of Gym in small letters.