

Dear parents

We wish you a very happy and fruitful time with your children. Summer vacation is the most awaited time for the students as they want to play, enjoy and relish with their friends, neighbours and relatives. This is a time for them to stay away from the mundane schedule of daily life. They want to enjoy it in leaps and bounds. But we request you to keep their energy channelised. You should be a part of their enjoyment but time and again a check is required. Now it's your responsibility to make them stay connected with their studies along with fun and frolic & encourage them to do their homework in a neat and tidy manner.

Here are some of the suggested activities that you can do as a family:

- 1. Prepare a well-being plan for self.
- 2. Stick to routines or starting new ones.
- 3. Get up and go to sleep at regular times.
- 4. Help them explore new hobbies and interest.
- 5. Do karaoke, read, solve puzzles, play board games, etc.
- 6. Keep a gratitude journal. Writing down three things you are grateful for every day. Congratulate yourself and others on having a "MEGA DAY".
- 7. Take out time for Reading, Music, Dance, Singing, and Laughing.
- 8. Set Challenges- Encourage each other to take up new activities and complete them.
- 9. Be Creative with Space- Find a corner in the house and allow yourself and your children to decorate it.
- 10. Involve your children in household activities also.
- 11 Learn foreign languages through online courses available.
- 12. Take them for outing to place of their interest & let them explore the world.
- 13. Communicate with your children and let them know you fully.

As parents you are requested to keep a watchful eye on your children and stop them from engaging in :

1. Excessive use of mobile phones.



2. Playing online games

3. Spending a lot of time alone away from family members.

We're doing our homework to make sure we're prepared. - Gary Gait

Thomas A. Edison says "Genius is one percent inspiration and ninety-nine percent perspiration. As a result, a genius is often a talented person who has simply done all of his homework."

General Instructions:

- 1. Do your Homework in a separate 3 in 1 notebook (classes 1 and 2) & cover it properly.
- Do your Homework in separate 10 rs/- notebooks subject wise (classes 3 to 12) & cover it properly.
- 3. Mention your details on your holiday's homework.
- 4. Start your homework from very beginning of holidays to avoid stress and ensure high quality work as it has been assigned.
- 5. Dedicate a specific time each day on your homework.
- 6. Choose a dedicated area that is free from distraction to focus on your work.
- 7. Present your homework in a neat and logical manner.
- 8. Use clear handwriting, proper formatting and consistent spacing. *Note:*
 - □ *The best holiday homework of each class will be awarded.*
 - □ It is a part of internal assessment for the final examination.

Warm Regards

PRINCIPAL

SUBJECT-ENGLISH

1.Read the following carefully and make a question bank containing at least 100 questions to be used in '**Interclass Quiz Competition**'.

Flamingo:

Lesson 1- The Last Lesson Lesson 2- Lost Spring Poem1- My Mother at Sixty-Six Poem 2- Keeping Quiet

Vistas:

Lesson 1- The Third Level

Lesson 2- The Tiger King

2. Write a Debate on the topic 'Should Countries Prioritize Counter terrorism efforts or Focus on Addressing the Root Cause of Terrorism'.

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

4. You are going to celebrate the 50th marriage anniversary of your grandparents. You want to arrange a grand function. Draft an invitation for the same.

5. Make a catchy & elaborated project (15-20 pages) on any one of the following according to the roll numbers mentioned against each topic:

- **a.** Indian Mythology: Exploring the rich tradition of Indian mythology and its significance in Indian culture and society. (Roll No. 1-5)
- b. Social Media: Fifth Pillar of Society (Roll No. 6-10)
- c. Cyber Crime: Types, Ways to escape and laws against it (Roll No. 11-15)
- **d.** Moral Degradation in Indian Youth: Reason, consequences, ways to check etc. (Roll No. 16-20)
- e. Juvenile Delinquency (Roll No. 21-25)
- f. Trolley Problem (Roll No. 26-30)
- g. Old Age Homes (Roll No. 31-36)

6. Anthology* Creation: Each and every student of the class will a short story or poem (self-composed) based on the theme of 'School, Teachers, Parents and Students.

Anthology is a book that contains pieces of writings like short stories or poems on the same subjects, by different authors.

Note:

Questions 1-3 are to be done in fair notebook.

Question 3 is to be done on a drawing sheet.

Question 4 is to be done on drawing sheet and should be a creative presentation.

Question 5 is to be done on A4 assignment sheets. (Use good quality Assignment sheets and file.)

Question 5 & 6 are to be assessed as final project. Only the presentable and complete ones will be accepted.

SUBJECT-BUSINESS STUDIES

- 1. Prepare notes and Revise the following questions
 - a. Explain the marketing concept
 - b. Explain the Marketing Functions

- c. What factors a marketer should keep in mind while deciding the price of a product.
- d. What is meant by Public relation? Explain its role in marketing
- e. Explain the component of Product of Marketing Mix
- f. Explain the dimensions(types) of Business Environment
- g. Explain the Importance of Business environment
- h. Explain the following principles of Henry fayol:

Scalar chain, Equity, remuneration, initiative, unity of command, unity of direction, stability of tenure, order, esprit de corps

Notes: 1) Prepare short notes of above questions in separate note books.

2) Revise case studies sent in the class group.

Prepare project on any one topic from the following:

- a) Principles of Management
- b) Business Environment
- c) Marketing Management

Notes: 1. The project file should consist of 25 pages.

- 2. Use appropriate file and pages for the given project
- 3. Use spring folder to attach the file pages

SUBJECT-ACCOUNTANCY

1. Do following exercise questions of Financial statement Analysis:

Chapter 1 (Format of financial statement Analysis):

(Additional: 24,26,28)

Chapter 2 Analysis of Financial statement : All MCQ and one marks question

Chapter 3 comparative Statements: Qno. 3 and additional Q.no. 17, 21

Chapter 4 Common size statements: Q no. 4, 15, 18, 20, 22

Chapter 5: (Ratio) additional Q no. 126, 128, 129, 132,149, 156, 159, 168, 174, 181, 187, 192, 207, 213 215

Chapter 6 Cash flow statement:

Test your understanding page no. (6.108), Qno. 3, 4, 13b, 14, 18, 19, 23, 26, 31, 33, 34A, 35 Partnership

Chapter 1 Fundamental of partnership: Qno. 8, 19, 21, 27, 47, 52, 60, 70, 72

Notes: 1) Do all above questions in a separate note book.

2) Do these above question numbers according to your own book edition.

2. Prepare 2 Specific project of Accountancy(one by using Ratio and another by using cash flow statement)

Notes: Students are required to follow the following Steps for project:

- 1. Take financial Statement of any reputed Company
- 2. Calculate different Ratios by using data from profit and loss Account and Balance Sheet

SUBJECT-ECONOMICS

Prepare a **Powerpoint presentation** any one of the following topics:

a) Growth story of India since 1947

Solve all the following questions/ Assignment in fair-notebook

- 1. Explain any four positive contributions made by Britishers in India.
- 2. Discuss the principal components of an industrial policy resolution 1956.
- 3. Write the importance of subsidies in relevance to Indian farmers.
- 4. What are the drawbacks of the Green Revolution?
- 5. What do you mean by Globalisation? Give its main features.
- 6. How will Goods and Services tax be comprehensive in direct tax . Explain it.
- 7. Describe the important features of Capitalist Economy.
- 8. Distinguish between value of output and value added.
- 9. Do five numericals on National Income.
- 10. Prepare a mind map of National Income Measurement.

SUBJECT-PHYSICAL EDUCATION

- 1) Write Practical File.
- **2**) Complete Notebook ch:- 1st to 4th.
- **3**) Do Case Study of lesson 1,4 & 8th.
- 4) Learn lesson 1st to 4th & all case study.

SUBJECT-INFORMATION PRACTICES

1.The count() function in MySql is an example of

- 2. Write the output of the following SQL command select truncate(45.87,-1);
- 3. ______ is a network device used for modulation and demodulation of signals.
- 4. Write the SQL command that will display all database's names.
- 5. The ______ command can be used to make changes in the columns of a table in SQL.
- 6. Consider the table STUDENT given below:

RollNo	Name	Class	DOB	Gender	City	Marks
1	Anand	XI	6/6/97	М	Agra	430
2	Chetan	XII	7/5/94	М	Mumbai	460
3	Geet	XI	6/5/97	F	Agra	470
4	Preeti	XII	8/8/95	F	Mumbai	492
5	Saniyal	XII	8/10/95	М	Delhi	360
6	Maakhiy	XI	12/12/9	F	Dubai	256
7	Neha	X	8/12/95	F	Moscow	324

(i) Write the command to display the name of the oldest student?

(ii) State the command to display the average marks scored by students of each gender who are in class XII?

(iii) Kavita has given the following command to obtain the lowest marks:-Select max(marks) from student where group by class;

but she is not getting the desired result. Help her by writing the correct command.

(iv) Write the output of following command:-

Select RollNo,Marks from student order by DOB;

(v) State the output of following command :-

Select round(456.34,1) from student where class = 'XI';

7. Consider the following DataFrame **df** and write python command for any four questions from (i)-(v) Color Count Price

Apple	Red	24	20
Apple	Green	17	19
Pear	Red	22	18
Pear	Green	20	24
Lime	Green	20	18

(i) Find all the rows with the label "Apple". Extract all columns.

- (ii) List fruits with count more than 17.
- (iii) List single True or False to signify if all prices are more than 10 or not.
- (iv) List 2^{nd} , 3^{rd} and 4^{th} rows.
- (v) List only columns Color and Price using loc.

8. Consider the decimal number x with value 5236.5478. Write commands in SQL to:-

- i. round it off to a whole number
- ii. round it to 3 places **before** the decimal.

9. John writes the following commands with respect to a table employee having fields, empno, name, department, commission.

Command1 : Select count(*) from employee;

Command2: Select count(commission) from employee;

He gets the output as 4 for the first command but gets an output 3 for the second command. Explain the output with justification.

10. Consider the following SQL string: "Coordinator"

Write command to display :-

- a. ORD
- b. the position of the substring 'nat' in the given string.
- 11. Consider the same string : "Coordinator"

Write command to display :-

- a. the last 4 letters of the string
- b. number of character in the string
- 12. A relation "CAR" is given below :

V no	Туре	Company	Price	Qty
AW125	Wagon	Maruti	250000	25
J0083	Jeep	Mahindra	4000000	15

S9090	SUV	Mitsubishi	2500000	18
M0892	Mini van	Datsun	1500000	26
W9760	SUV	Maruti	2500000	18
R2409	Mini van	Mahindra	350000	15

Write SQLcommands to:

a. Display the maximum price of each type of vehicle having quantity less than 30.

b. Count the type of vehicles manufactured by each company.

c. Display the average price of all the types of vehicles.

13. 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.

14. 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

ICODE	INAME	PRICE	OPENING	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

15. Consider the following table "GYM" :-

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.

<u>Assignment – 2</u>

CID	CNAME	FEES	STARTDATE	TID
C201	AGDCA	12000	2018-07-02	101
C202	ADCA	15000	2018-07-15	103
C203	DCA	10000	2018-10-01	102
C204	DDTP	9000	2018-09-15	104
C205	DHN	20000	2018-08-01	101
C206	O LEVEL	18000	2018-07-25	105

1. Write outputs for SQL queries (i) to (iii) which are based on the given table

Table COURSE:

- i. SELECT LENGTH(CNAME) FROM COURSE WHERE FEES<10000;
- ii. SELECT CNAME FROM COURSE WHERE MONTH (STARTDATE)=8;
- iii. SELECT MOD (FEES, DAY(STARTDATE)) FROM Course

WHERE ID=104;

Consider the given tableFaculty, write suitable SQL queries for the following:

Faculty_Id	First_name	Last_name	Hire_date	Salary
101	Sarika	Mishra	12-10-1997	25000
102	Naveen	Vyas	23-12-1994	18000
103	Rakesh	Sharma	25-08-2003	32000
104	Rashmi	Malhotra	18-09-2004	21000
105	Amit	Srivastava	05-06-2007	28000

WriteSQLcommandsto:

- a. To display details of those faculty members whose First_name ends with't'.
- b. Display all records in descending order of Hire_date.
- c. Find the maximum and minimum salary.
- Q Discuss the significance of Order by clause in detail with the help of suitable examples.
- 2. Write suitable SQL query for the following:
 - Display 5 characters extracted from the 3rd left character onwards from the string 'INDIA RISING'.
 - Display the position of occurrence of string FUNDA' in the string 'PYTHON FUNDAMENTALS.
 - iii. Round off the value 453.668 to two decimal places.
 - iv. Display the remainder of 120 divided by7.
 - v. Remove all the expected leading and trailing spaces from a column student_id of the table **'student'**.

Explain the following SQL functions using suitable examples.

- i. LCASE()
- ii. TRIM()
- iii. SUBSTR()
- iv. MONTHNAME()
- v. TRUNCATE()

SUBJECT-MUSIC

Prepare practical File

- 1 Tanpure ka itihaas
- 2 Rupak Taal
- 3. Taal Jhaptaal
- 4. Dhamar taal
- 5.Raag bhairav
- 6. Raag Bageshree
- 7. Raag malkouns
- 8. Bade Ghulam Ali Khan
- 9. Faiyaaz khan
- 10. Pandit Krishan rao shankar

SUBJECT-MATHEMATICS

After Making practice in Rough note-book, Do the following questions in Holiday Homework note-book neatly :

Chapter - 3 (Matrices) Ex.- 3.1 : Q - 3, 4 (i),(iii), 6 (iii), 7, 9, 10 Ex.- 3.2 : Q - 2 (ii), 3 (ii) (v), 7 (ii), 10, 12, 13, 16, 18, 19, 20, 21, 22 Ex.- 3.3 : Q - 3, 4, 5 (i), 8, 10 (all parts) Misc. Ex. : Full Exercise

Chapter - 4 (Determinants) Ex.- 4.2 : Full Exercise Ex.- 4.3 : Q - 3, 4 Ex.- 4.4 : Q - 4, 10, 11, 12, 14, 16, 17, 18 Ex.- 4.5 : Q - 4, 5, 6, 8, 11, 13, 14, 15, 16 Misc. Ex. : Full Exercise Note : Do all examples of ch. 4 in Holiday Homework Note-book.

Chapter - 2 (Inverse Trigonometric Functions) Ex.- 2.1 : Full Exercise Ex.- 2.2 : Full Exercise Misc. Ex. : Full Exercise Note: Do all examples of ch. 2 in HH Note-book. Learn all the Formulae of this chapter.

Chapter - 5 (Continuity & Differentiability) Ex.- 5.2 : Full Exercise (except last two questions) Ex.- 5.3 : Full Exercise Ex.- 5.5 : Full Exercise

Note : All questions are compulsory. Test will be held of above questions after Summer vacations.