

JPDAY PUBLIC SCHOOL

GARHI JHANJAHRA ROAD, GANOUR
(UNDER THE DIRECT CONTROL OF DAYCMC, NEW DELHI)



HOLIDAYS' HOMEWORK



Class:
11

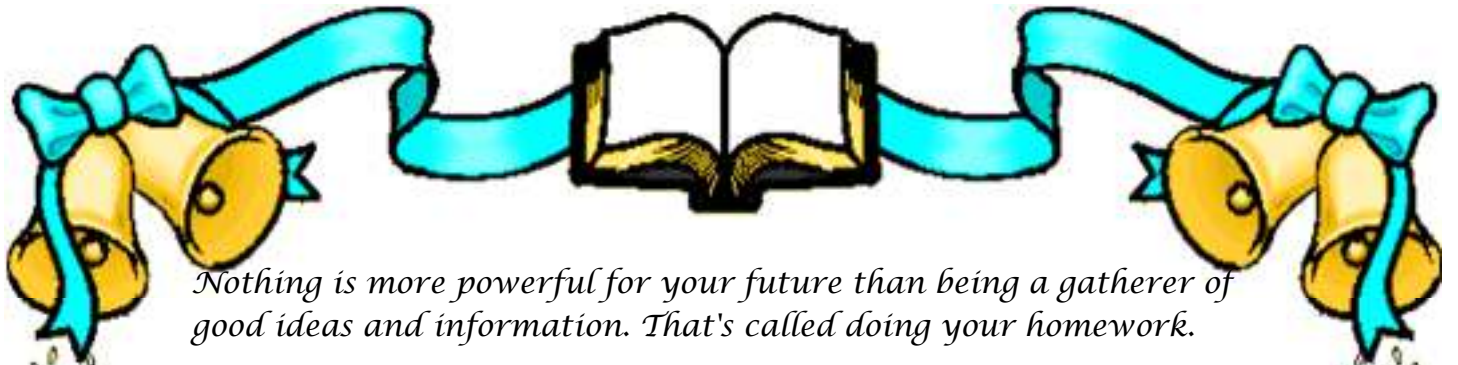
MAY 29, 2023
TO
JULY 01, 2023

SESSION: 2023-24

A fully English medium and the best school in area.
For all-round development of students

The school will reopen on July 03, 2023.

TOGETHER WE CAN



Nothing is more powerful for your future than being a gatherer of good ideas and information. That's called doing your homework.

Jim Rohn

While doing your homework keep remembering Thomas A. Edison

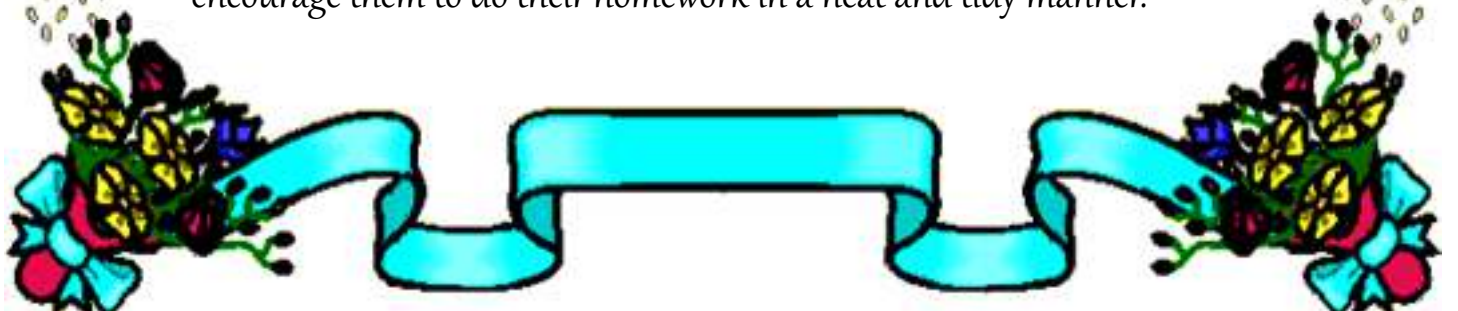
When he says

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.

Dean 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.





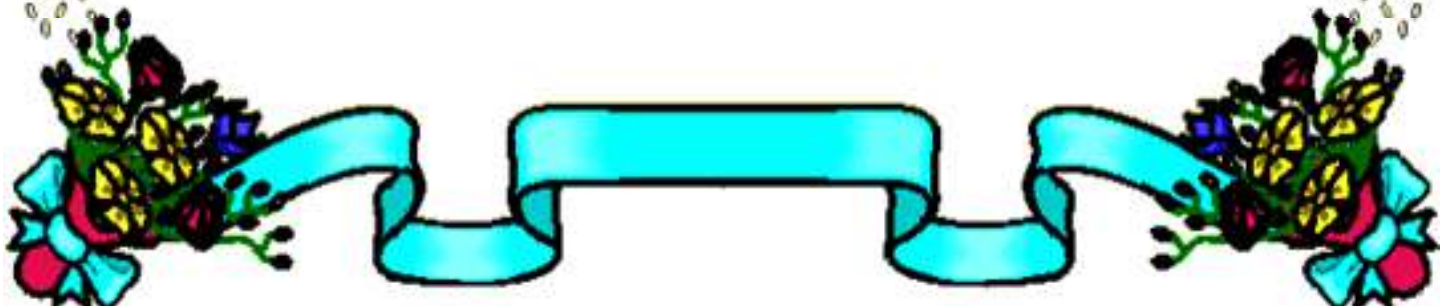
Here are some of the suggested activities that you can do as a family:

- 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, 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.*

Be Safe





English

1. Read the following carefully and make a question bank containing at least 45 questions to be used in 'Interclass Quiz Competition'.

Hornbill: Lesson 1- The portrait of a Lady

Lesson 2- We're Not Afraid to Die....

Snapshot: Lesson 1- The Summer of Beautiful White Horse

2. Write a Debate on the topic '**The indifferent Nature of India in Ukrainian and Russian War is Justified**'. Suggest some measures on how to escape from this.

3. Make a catchy project on the life story of the Founders of the following:

Raymond	(1-5)
Godrej	(1-10)
Jaguar	(6-15)
Infosys	(11-20)
Peter England	(11-25)
Amul	(21-30)
Lakme	(26-35)
Royal Enfield	(31-40)
Airtel	(36-44)
Oyo Rooms	(41-44)

4. Prepare a Presentation on '**Clauses**' including definition, parts, usages with examples to be presented in class as speaking activity.

5. Compose a poem/ song on homecoming. It should be self made, not copied from anywhere.

Note: Questions 1-2 are to be done in fair notebook.

Questions 3-5 are to be done on A4 assignment sheets. (Use good quality of Assignment sheets and file.)


MATHEMATICS

1. make the project on the following topic:

i. "TRIGONOMETRY"

- Definitions
- About t-functions

Applications of trigonometry





ii. SET RELATION AND FUNCTION

- Domain and range of relation
- Domain and range of function
- Types of function
- Graph of function

2. do examples of the following chapter:

CH 1. sets

CH 3. trigonometric function

CH 5. complex number

3. Revise these chapter (1,3,5)

4. Do 10 extra question of each chapter (1,3 and 5)

Physics

A. Solve NCERT Exercise of chapter 3 and 4

B. Make an investigatory project on any of the following topics

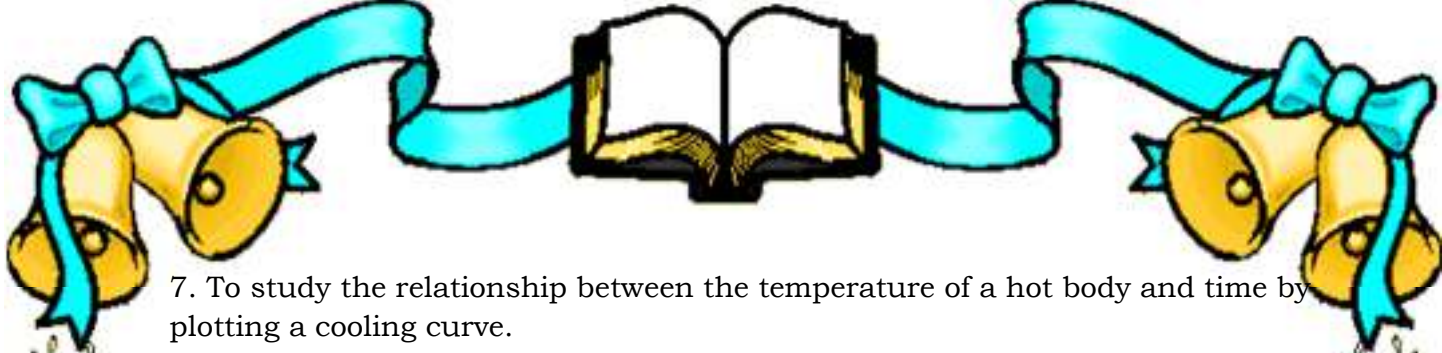
- a. Projectile
- b. Uniform circular motion
- c. Newton's law of motion
- d. Resolution of vector.

C. Draw distance -time and Velocity time graph. Mention all their significance.

D. Complete Lab manual

Name of Experiments

1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume
2. To measure diameter of a given wire and thickness of a given sheet using screw gauge
3. Using a simple pendulum, plot its $L-T^2$ graph and use it to find the effective length of second's pendulum.
4. To study variation of time period of a simple pendulum of a given length by taking bobs of same size but different masses and interpret the result.
5. To find the downward force, along an inclined plane, acting on a roller due to gravitational pull of the earth and study its relationship with the angle of inclination θ by plotting graph between force and $\text{Sin}\theta$.
6. To find the force constant of a helical spring by plotting a graph between load and extension.



7. To study the relationship between the temperature of a hot body and time by plotting a cooling curve.

8. To study the relation between the length of a given wire and tension for constant frequency using sonometer.

CHEMISTRY

1. Do 15 numericals each of ch1 and ch2 in fair notebook
2. Do 10 mcq's each of ch1 and ch2 in fair notebook
3. Prepare PPT on " Different approaches to structure of Atom.
4. Complete lab manual as guided in class
5. Prepare project on," Green Chemistry"

BIOLOGY

1. Art Integrated Projects: Submit your work for the following activity which can be done by 2 or 3 students in a group, but submission of work is individual.

i) Flyer/Brochure: To create a flyer showing "Human Physiology" (odd number students)


ii) PPT on any one topic of "Human Physiology" (even number students)

2. Prepare an investigatory project for board Examination.
3. Write Biology Experiments according to the curriculum in practical file.
4. Revise the completed syllabus which is done in class.

PHYSICAL EDUCATION

1. Write and Learn MCQs unit 1 to 4 in a separate note - book.
2. Make a diagram of Badminton court on a chart.
3. Write all specifications of Badminton

INFORMATICS PRACTICES

1. Prepare the notes and unsolved exercise of chapters 1, 2, 7 and 8.
 2. Find out with description at least ten (may be more than ten) Emerging Trends surrounding you. Write down the details in your Fair Note-book.
 3. Make assignments in Fair Note-book with updated data on the following topics:
 - a. Evolution of Computer
 - b. Computer Memory
 - c. Cloud Computing and Services
 - d. Immersive Experiences
 - e. RDBMS
 - f. Big Data and its Applications
 4. Do the following MySQL assignment in Fair Note-book
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Assignment- MySQL

Data Management: SQL Commands

1. To create a database with your name+class
2. To create student table with the student id, class, section, gender, name, dob, and marks as attributes where the student id is the primary key.
3. To insert the details of at least 10 students in the above table.
4. To display the entire content of table.
5. To display Rno, Name and Marks of those students who are scoring marks more than 50.
6. To display Rno, Name, DOB of those students who are born between '2005- 01-01' and '2005-12-31'.
7. Make EMPLOYEE table with columns (eid, eName, salary, designation, dob,dof, mgrCode, comm, did) with suitable datatypes and constraints.
8. Make table DEPARTMENT with columns did, dName and location with suitable data types and constraint.
9. Apply foreign key constraint on did(EMPLOYEE) and did(DEPARTMENT)

5. Assignment sheets will be shared in 'IP-XI(2023-24)' whats app group, solve all those questions in FNB(Fair Note Book) only.