SUMMER VACATION

JYANTI PRASAD DAV PUBLIC SCHOOL
GARHI JHANJHARA ROAD, GANAUR
(UNDER THE DIRECT CONTROL OF DAV CMC, NEW DELHI)

HOLIDAYS' HOMEWORK

SESSION 2024-25

CLASS IX

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

TOGETHER WE CAN

FOR ANY QUERY CONTACT: **0130-**

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

Be Safe

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.

2. *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

JP DAV Public School, Ganaur

Holidays' Assignment

2024-25

Class 11-Commerce

SUBJECT: ENGLISH

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

Hornbill: Lesson 1- The portrait of a Lady

Lesson 2- We're Not Afraid to Die….

Poem 1- A Photograph

Snapshot: Lesson 1- The Summer of Beautiful White Horse

2. Read lesson 'The Ailing Planet…'

and frame notes covering the whole detail given in the lesson.

3. On the basis of your reading (Mentioned in question 2), prepare yourselves for an Inter-class Debate Competition on the topic '**Are people to blame for global warming?'** to be held on July 6, 2024(tentative).

3. Make a catchy detailed project on the life & success story of the Founders of the following: (At Least 18-20 pages)

Raymond (1-5)

Godrej (1-10)

Jaguar (6-15)

Infosys (11-20)

Peter England (11-25)

Oyo Rooms/Hotels (21-30)

Lakme (26-35)

Royal Enfield (31-40)

Airtel (36-40)

Note: Every student has to take two topics according to their roll numbers.

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

5. Draft an advertisement (Video) for the promotion of your school. You may work in a group of maximum 5.

The best one will be awarded.

Note: Questions 1-2 are to be done in a fair notebook. Questions 3-4 are to be done on A4 assignment sheets(Use good quality of Assignment sheets and files).

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SUBJECT: BUSINESS STUDIES

1. Students are required to prepare the project on any one of the following topics:

a) Sole proprietorship

b) Partnership

c) Joint Hindu Family

d) Co- operative society

e) Joint Stock Company

Note: Students are required to take live examples of the selected topic and prepare the project accordingly. Project should consist of 25 pages(A4 size) in a clipped folder.

2. Revise the following questions:

a) Difference between Business, profession and Employment

b) Meaning and Features of Business

c) Objectives of Business

d) Commerce and Auxiliaries

e) Meaning and features of sole proprietorship, partnership, joint Hindu Family, cooperative society, joint Stock Company.

f) Types of partnership and Types of parents

g) Registration of partnership is optional then why do partners prefer to register their partnership firm ?

h) Stages of the formation of a Public Company

i) Explain the following: Partnership deed, Memorandum of Association, Article of Association, promoters, Minimum Capital Subscription, prospectus

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SUBJECT: ECONOMICS

1. What are the tools used, related to statistical study?
2. What is inferential statistics?
3. Explain sampling and non-sampling errors in brief.
4. How do errors arise in the data acquisition process?
5. Explain sampling and non-sampling errors in brief.
6. How do errors arise in the data acquisition process?
7. Explain discrete series.
8. Define a derived table with an example.
9. What are the two principal parts of a table?
10. What kind of diagrams are more effective in representing the following?
 (a) Monthly rainfall in a year
 (b) Composition of the population of Delhi by religion
 (c) Components of cost in a factory

Note:

1. Do five MCQs question from chapter 1,2,3,4
2. Do five Assertion/ Reason question from chapter 1,2,3,4
3. Do holiday homework in fare economics register

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SUBJECT: ACCOUNTANCY

1. Students are required to prepare the project on A4 sheet . Guidelines to prepare project:

a). Students have to collect the original bill minimum 10.

b). Prepare Journal Entries on the basis of original bills

c). Bill shold be pasted in file and all the journal entry on the basis of bill is to be done in file.

d) File should be consist of 25 pages in a clipped folder

2. Do addition questions of chapter 6, 9, 10(accounting equation, journal ,GST)

3 . Learn and write the following questions:

a) Explain the meaning and functions of Accounting.

b) Explain the internal and external users of Accounting

c) Explain the following qualitative features of Accounting: Relevance, comparability, objectivity, Verifiability, understandability

d) How many types of Accounts are there? Explain their classification with the help of a diagram. Show the 10 examples of each account with the help of tubular presentation.

e) Explain the following: Business entity concept, duel concept, Accounting period concept, Money measure concept

f) Explain the following terms: Capital, Drawing, Debtors, Creditors, Goods, Fixed Assets, Current Assets, Non current Liabilities, Current liabilities, Income, revenue Expenditure, Capital Expenditure, Gain, Profit, Revenue, Inventory.

Note: Do above homework in separate note book of Accountancy.

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SUBJECT: INFORMATICS PRACTICES

Q1. Prepare project reports in Fair NoteBook (at least 10 pages each) on the following topics:

i.   Evolution of Computer

ii.   Types of Memory used in Computer

iii.   Proprietary and Free/Open Source Software

iv.   Emerging Trends

v.   Artificial Intelligence

vi.   Augmented Reality and Virtual Reality

vii.   IoT and WoT

viii.   Sensors

ix.   Blockchains Computing

x.   Grid Computing

xi.   Cloud Services

xii.   History of Python

xiii.   Fundamentals of Python

Note: All the details of research work should be handwritten in a fair notebook by the student.

Q2. Do the unsolved exercise, notes of Chapter 1, 2 and notes of Chapter 3.

Q3. "Big data and data Science are two interrelated terms". Prepare a satisfactory report to justify this statement.

Q4. A 'Processor' is the main component for doing processing. Prepare a report with satisfactory detail on the journey of 'MicroProcessor'.

Q5. Data is the most valuable as well as term these days. Prepare a project report related to data, its importance, storage and vulnerability.

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SUBJECT: PHYSICAL EDUCATION

Project Work:

1. Physical Fitness Test: SAI Khelo India Test

2. Proficiency in Games and Sports

(Skill of any one IOA recognized Sport/Game of Choice)

3. Yogic Practices

ASSIGNMENT -1

Objective Type/Multiple Choice Questions_(Give one-word answers)_**:**

1. In which year, the first Asian Games were organised in India?

2. After how many years, the Asian Games are organised?

3. Jesse Owens Trophy is related to which sports?

4. In which year, the first National Basketball Championships was held?

5. Thomas cup is related to which game?

6. Name the historical cricket test series which is played between England and Australia?

7. Aga Khan Cup is related to which game?

8. FIFA Cup is related to which game?

9. In which year, the IPL related to cricket was started?

10. Wimbledon Cup is related to which game?

11. In which year 'Khelo India' programme was launched?

Fill in the blanks:

1. The aim of physical education is harmonious...................... of an individual.

2. Coaching career is a ....career is the field of physical education.

3. Nowadays, people have become more........................conscious.

4………. opportunities are widely available in book writing in the field of physical education and sports.

5. The World Cup of Hockey for men and women was started in................. and 1974, respectively.

6..................programmes have been introduced to revive the sports culture in India.

State True or False:

1. Aim of physical education is harmonious development of an individual.

2. Khelo India programme was launched during 2017-2018.

3. Physical fitness of school-going children is not measured under the scheme of Khelo India programme.

4. The Khelo India programme is not helpful for promoting rural games.

Choose the correct answer.:

1. Competitions are helpful for the development of:

(a) Social qualities   (c) Sports skills

(b) Selection of players   (d) All the above

2. Uber Cup is related to:

(a) Table Tennis   (c) Badminton

(b) Lawn Tennis   (d) None of these

3. Which one of the following components is not included in the Khelo India Programme?

(a) Playfield development   (b) Talent search and development

(c) Sports for women   (d) To organise Cricket Competitions

ASSIGNMENT -2

Short Answer Questions-I:

1. Enlist the objectives of physical education and explain any one of them.

2. Discuss about teaching careers in physical education in brief.

3. Enumerate the objectives of physical education in brief.

4. Briefly discuss about any three International Competitions of athletics.

5. Discuss the three national competitions of cricket in brief.

6. Write down any nine tournaments of football.

7. Write down a brief note on 'Khelo India' Programme.

Short Answer Questions-II:

1. Define physical education and explain its aim and objectives in detail.

2. What are the various career options in physical education? Discuss the teaching career in detail.

3. Elucidate the coaching career in detail.

4. Discuss the health-related and administration-related careers in detail.

5. Explain in detail the sports media related careers in the field of physical education.

6. Write short notes on any two of the following:

(a) Career in book writing.

(b) Career in sports photography.

(c) Career in sports industry.

7. Elaborate the 'Khelo India' Programme in detail.

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SUBJECT: MATHEMATICS

1. Make a project on the topic **"SETS"**
   - Sets
   - Representation
   - Types of sets
   - Intervals as subset of R
   - Draw venn diagram
   - Operations on sets.

2. Do lab-manual activities in the activity file.(pdf share in maths group)

3. Solve the given assignments in the fair notebook:-

ASSIGNMENT -1

Q1. If A=$\{x|x \text{ is a letter of the word}"IMITATE"\}$ &

B$\{y|y \text{ is a letter of the word}"INTEGRATE"\}, then\ A \cap B$ =?

Q2. For two sets A & B ,If n(A)=p , n(B)=q, then find total no. of non empty relations that can be defined from A to B.

Q3. Find the number of subsets of A=$\{K, I, T, E\}$. Also,write them.

Q4. For any three non- empty sets P,Q & R ,If Q$\subset R$, then prove that P-R $\subset P - Q$.

Q5. Find the domain and range of f(x)= $\frac{3}{2-x^2}$.

Q6. Out of 100 students,15 passed in English, 12 passed in Mathematics, 8 in Science, 6 in English and Mathematics, 7 in Mathematics and Science, 4 in English and Science , 4 in all three. Find how many passed ;
   (a) In English and Mathematics but not in Science
   (b) In Mathematics and Science but not in English
   (c) In Mathematics only
   (d) In more than one subject only.

Q7. Find domain and range of;

 (a) $\sqrt{16 - x^2}$ (b)   x|x| (c)$\frac{1}{\sqrt{x-5}}$

Q8. The domain of the function $\sqrt{a^2-x^2}$, (a$>$ 0).

Q9. If f & g are two real valued functions defined as f(x)=2x+1 and g(x)=4x-7.Then find,

f+g , f-g, fg, f/g .

Q10. Find values of x for which f(x)= $3x^2 - 1$, g(x)= 3+x are equal.

ASSIGNMENT -2

Q1. What is the smallest positive integer n for which $(1+i)^{2n} = (1-i)^{2n}$.

Q2. Find the conjugate of $\frac{\sqrt{5+12i}}{\sqrt{5-12i}} + \frac{\sqrt{5+12i}}{\sqrt{5-12i}}$ − .

Q3. Evaluate $\sum_{n=1}^{13} i^n + i^{n+1}$, n$\in N$.

Q4. Find multiplicative inverse of ;

   (a) 4-3i   (b)-i

Q5. Find all pairs of consecutive odd positive integers, both of which are smaller than 18 such that their sum is more than 20.

Q6. If x is a integer ,then solution of ;

   (a) -12x > 30   (b) 3x-5 < x+7.

Q7. How many litres of water will have to be added to 1350 litres of the 35% solution of acid so that the resulting mixture will contain more than 15% but less than 30% acid content.

Q8. Solve

(a) $|3-4x| \geq 9$.   (b) $|x-1| \leq 5$.

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SUBJECT: MUSIC

Prepare Practical File:

1 Tanpura

2 Taal Teen Taal

3. Taal Ektaal

4. Taal Chaartaal

5.Raag bhairavi

6. Raag Bihag

7. Raag Bhimplasi

8. Tansen

9. Pandit Vishnu Narayan Bhatkhande

10. Pandit Vishnu Digamber Pulusker

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