SUMMER VACATION

DAV POLICE PUBLIC SCHOOL
NEW POLICE LINES, PALWAL

SESSION:2022-2023

- Summer vacations will start from May 23rd,2022 to July 2nd,2022.
- School will reopen on July 4th,2022.
- Complete your holidays homework as per instructions of subject teacher.
- Extra weightage will be given for holidays homework

D. A.V POLICE PUBLIC SCHOOL

School Code:41733 CBSE Affiliation No. 531755 UDSIE Code: 062117700319
New Police Line, Delhi-Mathura Highway, NH-2, Palwal

"The Purpose of Education is to replace an empty mind with an open one".

Dear Parents/Students

Instructions Regarding Holiday Homework:

- **Make sure your child has a quiet, well-lit place to do homework.**
- **Avoid having your child do homework with the television on or in places with other distractions, such as people coming and going.**
- **Make sure the materials your child needs, such as paper, pencils and a dictionary, are available.**
- **Make a daily schedule of your ward for studying, playing indoor activities, watching T.V & for hobbies.**
- **Establish a set time each day for doing homework. Don't let your child leave homework until just before bed time.**
- **Be positive about homework and make a separate notebook for this.**
- **The whole assignment of each subject will be of 25 marks.**
- **Guide your ward to do neat & clean work under your observation.**
- **Listen to your ward carefully & try to inculcate manners & etiquettes in your ward by telling moral stories or by discussion.**
- **Try to hunt positive aspects of your ward & motivate her/him.**
- **Try to converse in English with your ward. Use simple words sorry, thank you, excuse me etc. & use short sentences in daily routine.**
- **Reading is the most important aspect of teaching learning process so try to inculcate habit of reading in your ward.**
- **Kindly motivate your ward to take part in activities for all round development.**
- **Try to improve speaking ability of your ward by discussion.**
- **Please try to clear concept of your ward instead of cramming during teaching learning process.**

Enjoy your Holidays.....Stay Safe and Stay Creative.

Regards
Principal
DAVPPS PALWAL

DAV POLICE PUBLIC SCHOOL PALWAL

SUMMER HOLIDAY HOMEWORK (SESSION 2022-2023)

CLASS – 9TH

ENGLISH

1. English Literature:

- Read the chapter '*The Fun They Had*' and write the character sketches of the following:-

i. Margie
ii. Tommy
iii. County Inspector

2. Vocabulary:

- Maintain a dictionary by reading English newspaper and by watching your favorite show (in English). Take note of the new words (at least 6 words of each alphabet) that you see and hear, copy those words down in your self-made dictionary cover it with a beautiful cover. Refer to the internet and learn what those words mean.

3. Creativity:

- Prepare a chart on Tenses.
- Make a poster on how music can be beneficial to the human mental health

4. Grammar revision:

- Complete the following exercise using appropriate preposition

yoga is beneficial _____ health and mind.

a) with

b) for

c) to

d) of

2. I cannot comply _____ your request. I am sorry.

a) to

b) with

c) at

d) on

3. I complimented Ram _____ his new beard.

a) at

b) for

c) on

d) with

4. The principal has called _____ an explanation from the class leader.

a) on

b) for

c) at

d) out

5. An enquiry committee has been appointed to inquire _____ the accident which occurred on 24 January.

1. a) about
2. b) into
3. c) after
4. d) of

6. She was deaf _____ Radha's cries.

a) at

b) to

c) with

d) on

7. Is Ram aware _____ his responsibilities?

a) about

b) of

c) after

d) on

8. The medal was conferred _____ him at the felicitation ceremony.

a) at

b) with

c) on

d) for

9. Rajiv is thoroughly conversant _____ the situation and other related matters.

a) about

b) with

c) of

d) around

10. The judge doesn't care _____ your objections.

a) of

b) for

c) about

d) with

11. Fill in the blanks

a) Raghav deals _____ gold.

b) One must not deviate _____ the path of virtue.

c) Eventually, he persuaded me to comply _____ his requests

d) There are a lot of cures _____ corona now.

e) Sita is keen _____ visit her hometown.

f) I was anxious _____ go to tonight's party

कक्षा - नवमी विषय -हिन्दी

क्षितिज

2) ल्हासा की ओर प्रश्न संख्या - 1से 8 लिखो एवं याद करो

रचना और अभिव्यक्ति प्रश्न संख्या 8, 10

काव्य खंड -

ललद्यद (वाख) कविता प्रश्न संख्या 1,2, 3, 4,5,6, 7, 11, 12

कविता वाख भावार्थ सहित याद करो ।

व्याकरण -

अंलकार - अनुप्रास , यमक अतिश्योक्ति चार्ट पर लिखो ।

अर्थ के आधार पर वाक्य के भेद याद करो ।

Class 9th Holiday Homework

Maths CLASS IX

* Revise all the work done in class and complete your notebooks

*Do practice of unit 2

MM:25

General Instructions

The assignment paper comprises 4 section A, B, C and D. There are 12 questions

Section - A each question carry one mark .

Section -B each question carry two marks.

Section -C each question carry three marks.

Section -D each question carry 4 and 5 marks.

Section-A

1. A polynomial having three terms is called _____.

2. The degree of quadratic polynomial is_____

3. The degree of a non-zero constant polynomial is_____.

4. Find a zero of the polynomial $p(x) = 2x + 3$.

5. If $a+ b+ c =0$, then $a^3 + b^3 + c^3$ =_____.

6. Is every rational number is a fraction?

Section -B

7. Which of the following expressions are polynomials in one variable and which are not? Give reason.

   a) $x^2 +2x-5$
   b) $-3x$
   c) $x^{10}+ 10x+ y$

8. Check if $y + 2$ is a factor of $4y^3 - 3y^2 + 2y + 50$ using Factor theorem.

Section-C

9. The polynomials $k x^3 + 3 x^2 - 13$ and $2 x^3 - 5 x + k$ when divided by $(x + 2)$ leave the same remainder in each case. Find the value of k.

10. Factorise the following using Factor theorem, $x^3 + 13x^2 + 32x + 20$.

Section-D

11. verify that sum of interior angles of a triangle is 180°.

12. Make a colourful chart on Divisibility tests.

Class 9th Holiday Homework

SCIENCE(Biology & Chemistry)

* Revise all the work done in class and complete your notebooks

*Read chapter 2, and 6

CHARTS AND MODELS

* Make a model of Plant Cell .(Roll no 1-16)

* Make a model of Animal cell (Roll no 17-32)

WORKSHEET

* Do all the given worksheet in your notebook.

Worksheet-2

MM:16 Chapter- 1,5

General Instructions

The Assignment paper comprises 4 section A, B, Cand D. There are 5 questions.

Section - A each question carry 2 marks .

Section -B.each question carry 3 marks.

Section -C each question carry 4 marks.

Section -D each question carry 5 marks.

Section-A

1.Comment on following

a,Evaporation produces cooling.

b.Rate of evaporation of an aqueous solution decreases with increase in humidity.

c.Sponge compresses even though it is solid.

d.During summer, water in earthen pot becomes cool

2.. Give reasons, why.

a. Raisins and dry apricots swell up when placed in a bowl containing water forsometime.

b. Chromatin, chromatid and chromosomes are related to each other.

c.. Lysosomes are known as ' scavengers of the cells'.

d. Plant cells possess large sized vacuole.

Section-B

3.Look at the diagram carefully

a. Which part of the above diagram can carry the 'hereditary material'?

b. Who discovered the nucleus for the first time?

c. Why is it called the ' control centre' of the cell ?

Structure of a Nucleus

Section-C

4(I).Compare the properties of solid, liquid and gas on the basis of following properties:

a) Inter molecular force of attraction

b) rigidity

c) diffusion

d) kinetic energy

4(II).Rohan placed naphthalene balls in the box with woolen clothes to protect them from insects. But next year he found that the balls had disappeared.

(a) Explain the phenomena behind this observation.

(b) Name two other substances which show the same phenomena.

Section-D

5(I) If you are provided with some vegetables to cook, you generally add salt into the vegetables during the cooking process.

a. What happens to the vegetables after adding salt ?

b. Which mechanism is responsible for the changes?Explain.

5(II). Why does the skin of your mother's fingers shrink when she washes clothes for a longtime?

a. What is responsible for these changes?

b. Explain the process in brief.

D.A.V. POLICE PUBLIC SCHOOL, PALWAL

Assignment of CLASS – IX
(2022-2023)
Physics

NAME	
ROLL NO.	

TOTAL MARKS	M. Obt.	SIGNATURE
12		

Q1.Make a Project on types of motion . [10]

Q3. Do the given worksheet which is based on chapter motion. (Attempt any twelve) [12]

1. Can the average speed of a moving object be zero? Why?
2. Give an example of a motion in which acceleration of an object is against the direction of motion.
3. A cyclist rides his cycle with a speed of 30 m/s for the first half and the next half-length he covers with a speed of 45 m/s. Find the average speed of the cyclist.
4. A body moving in a circle of radius 'r', covers ¼th of the circle. Find the ratio of the distance to displacement.
5. List the important of velocity-time graph?
6. A train starting from rest attains a velocity of 20m/s in 2 minutes. Assuming that the acceleration is uniform, find (I) the acceleration (II) distance travelled by the train, while it attained this velocity.
7. How long will it take for a body accelerating by 2 m/s^2 to gain a velocity of 10 m/s, starting from rest?
8. Write and derive the equations of motion involving uniform acceleration.
9. Define a vector quantity giving examples.
10. A car starts from rest and accelerates with 2 m/s2 for 10 seconds, After maintaining the velocity for 10 seconds, it comes to rest decelerating 1 m/s2 i) Draw the shape of V-t graph. II) Find the maximum velocity attained and the total distance travelled during the journey.
11. The brakes applied to a car produce a negative acceleration of 10 m/s^2. If the car takes 5 s to stop after applying brakes, calculate the distance covered by the car before coming to rest.
12. Draw a velocity-time graphs for the following (a) A body moving with a uniform acceleration. (b) Uniform retardation (c) Zero acceleration.
13. Name a physical quantity that (i) varies (ii) remains same in a uniform circular motion.

DAV POLICE PUBLIC SCHOOL, PALWAL

CLASS-IX (2022-23)

Holiday home work

Subject-S.st

Project :- Disaster Management

Do project work on any one of Natural or manmade Disaster with their management. (Flood, Draught, Earth quake, Tsunami, Industrial accidents, Terrorist Attack) .

Details About Project:-

* Introduction
* Definition
* Features of disaster
* Causes for disaster
* Impact of disaster
* Management of disaster-Role by individual Community, state, central government.

⇨ Project should be 8-10 pages.

⇨ It must be hand written.

⇨ Relevant images should be pasted.

⇨ First page – cover page.

⇨ Second page - Bibliography.

⇨ Last page :- Date of submission , Teacher's Remark , Teacher's signature.

MAP WORK

* States of India with capital cities (Pg.5 in text book)
* India Extent and Standard Meridian (Pg.3 in text book)

L-1 Eco:- Case study i.e savita & Tejpal Singh (Pg.No.5)

⇨ Frame 5 Questionnaire (V.S.Q) with answers.

Prepare picture book on different types of natural vegetation found in India , detailing its feature ,types of trees found ,wild life and regions –use only one or two photos for one type forests.

* Learn all lessons done in class.

From: DAVPPS PALWAL