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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

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DAV POLICE PUBLIC SCHOOL PALWAL

SUMMER HOLIDAY HOMEWORK (SESSION 2022-2023)

CLASS 10TH

ENGLISH:-

Literature -

- Revise all the work done in class and complete your notebook.
- Read chapter 2 and 3 from *'First Flight'*.

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.

Creativity –

- Prepare a chart on tenses.

Grammar Revision – 1x15

- Fill up the blanks by using the correct tense form of the verbs given in brackets.

Question 1)

(a)We ..... (go) to Guwahati by Rajdhani Express last month.
(b) Rajdhani train ..... (be) a fully air-conditioned train.
(c) It ..... (provide) food, cold drinks, water, and the blankets at night.
(d) The journey ..... (be) cool. It imparted solace to the soul and mind.
(e) On the opposite, there ..... (be) a priest.

Question 2)

(a) Arjun ..... (be) a good friend of Lord Krishna.
(b) He never ..... (want) to fight with his brother Duryodhan.
(c) It was Krishna who ..... (inspire) Arjun by giving him Upadesas of Gita.
(d) Arjun ..... (bow) before his Guru and then he started fighting.

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(e) The Mahabharata ..... (write) by Ved Vyasji.

Question 3)

(a) Malaria ..... (be) caused by female Anopheles mosquito.
(b) They ..... (be) also called carriers.
(c) When a Mosquito ..... (bite) a person, the microbes enter into the bloodstream.
(d) We should ..... (keep) the surrounding clean to avoid the breeding of mosquitoes.
(e) Disease-causing microbes ..... (be) called pathogens.

SECTION B

- Write the character sketches of the following: 2.5x2

i. Lencho

ii. Mrs. Pumphrey

SECTION C

- Write a letter to your uncle telling him how you can be productive without spending much money. 1X5

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कक्षा दसवीं विषय - हिन्दी

क्षितिज - कविता 1)- सूरदास प्रश्न संख्या - 1 , 2 , 3, 4, 7

तुलसीदास 2)राम - लक्ष्मण - परशुराम संवाद -

प्रश्न संख्या - 1 , 2 ,3,4, 5,6, 7, 8 लिखो व याद करो ।

क्षितिज - गद्य

बालगोविन भगत - (रामवृक्ष बेनीपुरी) प्रश्न संख्या -1, 2 , 3,4, 5,6,7, 8 लिखो व याद करो ।

रचना और अभिव्यक्ति - प्रश्न संख्या 9, 13 लिखो व याद करो ।

कृतिका -

1 माता का अँचल (शिवपूजन सहाय)

प्रश्न संख्या - 1 , 2 , 5, 8, 9 लिखो व याद करो ।

व्याकरण - अंलकार , वाक्य और उसके भेद लिखो व याद करो ।

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Class 10th Holiday Homework

Maths CLASS X

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

*Do practice of unit 2, 3

MM:25

General Instructions

The assignment paper comprises 4 section A, B, Cand 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. What do you mean by linear polynomial.

2. What is the degree of the polynomial.

3. On which axis you will find the zero of the polynomial.

4. what do you mean by quadratic polynomial.

5. Name 3 types of solutions when you solve linear equation in 2 variables.

6. Quadratic equation can have atmost_____ zeros.

Section -B

7. If alpha and beta are the zeros of polynomial of a quadratic polynomial equation, then what are the sum of roots and product of roots of that equation.

8. How we will get infinitely many solutions.

Section-C

9. What kind of pair of linear equations are formed when they are shown geometrically.

10. Write the algebraic methods for solving pair of linear equations.

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Section-D

11. Find the formula for lateral surface area and total surface area of a right circular cylinder experimentally.

12. Make a working model of clock.

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Class 10th Holiday Homework
SCIENCE(Biology & Chemistry)

* Revise all the work done in class and complete your notebooks
*Read chapter 2, and 5

CHARTS AND MODELS

* Make a model of Heart .(Roll no 1-10)
* Make a model of respiratory system (Roll no 11-20)
* Make a model of Humandigestive system(Roll no 21-32)

WORKSHEET

* Do all the given worksheet in your notebook.

Worksheet-2

MM:16 **Chapter- 1,6**

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.Give one word answer for the following

a.Process of utilisation of absorbed food.

b.Organism that can prepare their own food.

c.The cell organelle where photosynthesis occurs

d.Organisms that cannot prepare their own food.

e.An enzyme secreted from gastric glands in stomach that acts on proteins.

2.Balance the following chemical equation and identify the type of chemical reaction

(i) $Mg(s) + Cl_2(g) \longrightarrow MgCl_2(s)$

(ii) $HgO(s) \xrightarrow{Heat} Hg(l) + O_2(g)$

(iii) $Na(s) + S(s) \xrightarrow{Fuse} Na_2S(s)$

(iv) $TiCl_4(l) + Mg(s) \longrightarrow Ti(s) + MgCl_2(s)$

(v) $CaO(s) + SiO_2(s) \longrightarrow CaSiO_3(s)$

(vi) $H_2O_2(l) \xrightarrow{UV} H_2O(l) + O_2(g)$

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Section-B

3. Write one function of each of the following
(a)Xylem (b) Phloem (c) Aorta (d) Vena cava (e) Pulmonary artery

Section-C

4.Differentiate between the following
a.Blood and lymph
b.Autotroph and Heterotroph
c.Aerobic and Anaerobic respiration
c.Single and double circulation
d.Breathing and respiration
e.Systole and diastole
f. Combination and decomposition reaction.
g. Displacement and double displacement reaction.

Section-D

5.a.Give dental formula of an adult. And how is the required pH maintained in the stomach?
b.Transpiration in plants is necessary evil, justify.
c.Write two conducting system present in plants. How does water enters continuously in the root water conducting tissue?
d.Enlist the difference between dark and light phase of photosynthesis.
e.Even though bile contains no enzyme, it is important for digestion, why?

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Assignment of CLASS – X
(2022-2023)
Physics

NAME	
ROLL NO.	

TOTAL MARKS	M. Obt.	SIGNATURE
15		

Q1. Make a Project on electric motor /Projector using bulb. [10]

Q3. Do the worksheet which is based on chapter light. [12]

1. A plane mirror is approaching you at a speed of 10 cm/sec. You can see your image in it. At what speed will your image approach you? (Ans: 20 cm/sec)

2. A light ray strikes a flat, smooth, reflecting surface at an angle of 80° to the normal. What is the angle that the reflected ray makes with the surface of the mirror? (Ans: 10°)

3. Light from a laser strikes a plane mirror at an angle of 38° to the normal. If the laser is moved so that the angle of incidence increases by 13°, what is the new angle of reflection? (Ans: 51°)

4. Two plane mirrors are positioned at right angles to one another. A ray of light strikes one mirror at an angle of 30° to the normal. It then reflects toward the second mirror. What is the angle of reflection of the light ray off the second mirror? (Ans: 60°)

5. An object is 36.0 cm in front of a concave mirror with a 16.0-cm focal length. Determine the image position. (Ans: 28.8 cm)

6. A 3.0-cm-tall object is 20.0 cm from a 16.0-cm-radius concave mirror. Determine the image position and image height. (Ans: -2.0 cm)

7. A concave mirror has a 7.0-cm focal length. A 2.4-cm-tall object is 16.0 cm from the mirror. Determine the image height. (Ans: -1.9 cm)

8. An object is near a concave mirror of 10.0-cm focal length. The image is 3.0 cm tall, inverted, and 16.0 cm from the mirror. What are the object position and object height? (Ans: u = 26.7 cm, h_o=5.0 cm)

9. A convex mirror has a focal length of 13.0 cm. A lightbulb with a diameter of 6.0 cm is placed 60.0 cm from the mirror. What is the lightbulb's image position and diameter? (Ans: 10.7 cm, 1.1 cm)

10. A convex mirror is needed to produce an image that is three-fourths the size of an object and located 24 cm behind the mirror. What focal length should be specified? (Ans: -96 cm)

11. A 7.6-cm-diameter ball is located 22.0 cm from a convex mirror with a radius of curvature of 60.0 cm. What are the ball's image position and diameter? (Ans: -12.7 cm, 4.4 cm)

12. A 1.8-m-tall girl stands 2.4 m from a store's security mirror. Her image appears to be 0.36 m tall. What is the focal length of the mirror? (Ans: 0.60 m)

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Q3. Think you are sitting in a chamber with your back to one wall. An electron beam moving horizontally form back wall towards the front wall is deflected by a strong magnetic field to your right side. What is the direction of magnetic field? [1]

Q4. A coil is insulated copper wire is connect to galvanometer. What will happens if a bar magnet is: i) Pushed into the cell? ii) Held stationary inside the coil? iii) Withdrawn from inside the coil. [2]

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CLASS-X (2022-23)

Holiday home work

Subject-S.st

Project :-

Any one project on the following topics:-

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

* Project should be hand written /Digital
* Equipped with Relevant pictures.
* Should contain first page with heading 'Bibliography'
* Last page containing school Name, Session, Your Name ,Class ,and Section ,Roll No, Date of submission Teacher's Remark, Teacher's Signature.

Prepare a Report on any One 'Present states of Crude oil OR Water on Earth':-

Brief about the project:-

* It presence in the world.(Crude oil-add map to show the places /fresh water availability .In which form and its percentage).
* Its uses.
* Future Status in accordance to population
* Measures to conserve.

MAP WORK

* Do Map skill of different types of soil from ch-1 Geography
* River Valley Projects and their rivers from ch-3 Geography

Note :- Learn all lessons done in class and do given assignment.

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Assignment CLASS-X (2022-23)

Subject-S.st

GEOGRAPHY :-

CHAPTER: 1- RESOURCES AND DEVELOPMENT

I. Answer the following questions:

1. What is a resource?
2. What is Sustainable Development?
3. Classification of resources:
   * On the basis of origin
   * On the basis of exhaustibility
   * On the basis of ownership
   * On the basis of status of development
4. Write about the first Earth summit.
5. Write about Agenda-21.
6. Expand UNCED.
7. What are the three steps involved in resource planning in India?
8. Define the following :

(A) Bangar (B) Khaddar (C) Bhabar (D) Terai (E) Reh/kallar

ECONOMICS :-

CHAPTER 1- DEVELOPMENT

1. What is National Income?
2. What is meant by Per capita income?
3. What is Human Development?
4. What is Human Development Index?
5. What is meant by Economic Growth and Economic Development?
6. Expand UNDP, WDR, IMR, NAR, PDS and HDI.
7. What is Infant Mortality Rate?
8. What is Literacy rate?
9. What is Net Attendance Ratio?
10. Collect latest information related to India:

A. Infant Mortality Rate B. Literacy rate

C. Rank on Human Development Index D. Net Attendance Ratio

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