



UDAYA PUBLIC SCHOOL, AYODHYA
SUMMER HOLIDAY HOMEWORK 2020-2021

CLASS IX

Subject: English

Common Question:

Compose your own poem on "Lockdown Survival Experience".

Love:

Make a short video recording on Obesity to Covid-19 for about 2-3 min.

Unity:

Write a biography of your favourite writer in about 100-120 words.

Hope:

Compose an Inspirational English song and sing it in your own voice. (at least 10 lines)

Zeal:

Make a short video recording on the fear of getting infected from Covid-19 for about 2-3 min.

Subect : Hindi

ग्रीष्मकालीन गृहकार्य

सामान्य प्रश्न—

आज पूरा विश्व कोरोना नामक महामारी से जूझ रहा है, जिससे बचाव एवं सुरक्षा हेतु सभी परस्पर दूरी बनाए रखने के लिए विवश हैं। स्वयं आप भी पिछले तीन महीने से घर में ही हैं। वर्तमान स्थिति का सामना करते हुए आपने जीवन और प्रकृति के प्रति अवश्य कुछ सकारात्मक अनुभव किया होगा। (200 शब्दों में लिखिए)

होप—

अभी हाल में ही आपने सुना होगा किसी के अमानवीय कृत्य के कारण निदोष मूक प्राणी गर्भवती हथनी की मृत्यु हो गई। इन प्राणियों के लिए आप स्वयं क्या करेंगे और देश व समाज को कैसे जागरुक करेंगे। (150 शब्दों में लिखें)

लव—

क्या आपके किसी परिचित को घुमक्कड़ी/यायावरी का शौक है? उसके इस शौक का उसकी पढ़ाई/काम पर क्या प्रभाव पड़ेगा। (150 शब्दों में लिखें)

यूनिटी—

आपका नाम राम है। रास्ते में साइकिल खराब हो जाने, विद्यालय विलंब से पहुंचने पर विद्यालय में प्रवेश हेतु प्रधानाचार्य को पत्र लिखिए। (150 शब्दों में)

जील—

“प्रकृति के प्रति मनुष्य का व्यवहार ही आज उसके विनाश का कारण बनता जा रहा है।” — कथन के आधार पर लगभग 150 शब्दों में लिखिए।

Subject: Maths

UNITY HOUSE:

Draw graph of following linear equation.

$$x + y = 6 \quad \text{and} \quad x - y = 2$$

HOPE HOUSE:

Plot the points $(3,4)$, $(-3,4)$, $(-6,4)$ and $(-6,-4)$ in Cartesian plane and determine which type of quadrilateral will be formed and also write the property of that quadrilateral.

ZEAL HOUSE:

Define Remainder Theorem Or Factor Theorem . Solve any six Question based on the theorem.

LOVE HOUSE:

Explain all algebraic Identity according to your syllabus. Solve at least three question using appropriate identity.

COMMON QUESTION:

Make a Project file on any Mathematician with the contribution of him in maths with example and photo.

Subject: Social Science

Common Question

- Write a note on Indian Health Infrastructure and analyze what changes are required to deal with such pandemic like COVID-19.
- What course of action you would have taken if suppose you are the local authority to stop it spread more and to bring awareness about pandemic? Write your own view.

Love House

- What did cause the revolution in France? Discuss all the factors.

Zeal House

- .What will you say “French revolution”, a success or failure. Express your views.

Unity House

- What was role of different states and women during French revolution?

Hope House

- What was the impact of French revolution on rest of the world? Discuss in detail.

Subject: Science

Common Question: You must have seen your mother preparing pickle using carrots, turnip and cauliflowers. Based on your observations answer the following question –

1. Why did your mother cut the vegetables into small pieces and put them into sun for few hours?
2. Why did she mix common salt in the cut vegetables?
3. Why did she mix acetic acid?

Research Question : Describe the corona virus. How does the virus spread. Discuss chemistry of sanitizers used to fight pandemic Covid 19. Also explain good and bad effects of using sanitizers regularly. Figure out one alternative for it.

[ZEAL HOUSE]

- Derive the 3 Equations of Motion using Graphical Method, Find any 5 activity in which you find negative displacement.
- Do a survey & Find types of Element you find at your home, Make a list of Compounds.
- A solution of 3% glucose & solution of 8% glucose are kept in through separated by a semi permeable membrane. What will you observe after 1 hour? Explain why it happens ?

[HOPE HOUSE]

- Define membrane biogenesis? Where do lipids and proteins constituting plasma membrane get synthesized ?
- Describe about the types of acceleration. How many types of acceleration are there? Describe about the acceleration experienced by the objects due to gravity. Also explain its importance on the earth.
- Describe why the salt solution conducts electricity while sugar solution do not. Explain about the types of solution you encounter in your daily life.

[UNITY HOUSE]

- Explain Why do spinach looks green, papaya yellow & water melon red ?
- Describe the states of matters along with its comparative study of the properties of them. Can any new types of matter you found around you.
- Describe velocity time graph and the representation of the graph, its features and properties. How can you derive third equation of motion through it.

[LOVE HOUSE]

- Why do dry apricot placed in salt solution do not sell while they do so when kept in water?
- Derive the 3 Equations of Motion without using Graphical Method, Find any 3 activity in which you find negative displacement.
- Do a survey & Find types of Element you find at your home, Make a list of Compounds. Describe about the types of compound you found at your home.

Where to do : A4 Size Sheets

Parameters of Marks Allotment : (a) Relevance (b) Accuracy (c) Presentation

Subject: F.I.T.

Common Questions : Make a presentation on latest 10 gadgets introduced in IT field currently (soft copy required)

and

Draw summer camp front page in MS Paint or other application and share on whatsapp and

email(imtiazups29@gmail.com)

HOPE HOUSE:

Explain any five types of learning apps and their working models

ZEAL HOUSE:

Explain and Draw the internal structure of computer system

LOVE HOUSE:

Draw and Explain the home tab and view tab of word pad.

UNITY HOUSE:

Create a file on latest 10 Apps with logos and their details

Note: All questions except software based should be done in notebook.