

UDAYA PUBLIC SCHOOL, AYODHYA

Class 9th Holiday Homework



1- MATHS

Common question- Make the project file on A4 sheet paper, write detailed information about any one mathematician along with his photograph. Write his contribution in the field of mathematics. **Hope house-** Make a frequency polygon graph by using the run of Indian cricket team in World Cup 2023 during all matches.

Love house- Prove Heron's formula, solve any two questions based on Heron's from NCERT. **Unity house-** Prove mid point theorem and its converse in the project file.

Zeal house- Represent $\sqrt{9.3}$ on number line also write the step of verification.

2- ENGLISH

Common question- Being innovative with values.

How to do- Make a handmade diary with photograph in which you will write how you spent your winter vacation.

Where to do- Small handmade diary which should be properly decorated **Parameters-** Creativity, Content, Authentication.

Hope house-The student are directed to read newspaper and note down two words per day with current affairs (overall 20 words with meaning)

Love House- Collect any 5 items on the environmental Issues. Paste them in a scrapbook and comment in about 100-120 words.

Unity House-

How to do- List some similarities and dissimilarities in the character of SantoshYadav and Maria Sharapova in your words. Word limit 80-100.

Where to do- A4 size paper

Parameter- Accuracy, Content, Authentication.

Zeal House- Write down all the literary devices used in the poem with example prescribed in your textbook (Beehives) **Where to do-** A4 size sheet.

3- SCIENCE

Common question- Do a comparative study of all atomic models discussed in your textbook on a chart paper. Also list the advantages and disadvantages associated to each.

Hope House- Compare the properties of solids, Liquids and gases with respect to shape, volume and compressibility.

Love house- Draw the figures of various type of cells present in human body.

Unity house- Make a attractive poster to promote "Blood donation- A noble cause". Save a life, Give blood. **Zeal House-** Explain the application of SONAR with various examples.

4- SOCIAL STUDIES

Common Question- Write the merits and demerits of democracy. List at least 15 countries with year they adopted democratic form of government.

Hope House- What is the Latitudinal and longitudinal extent of India, England, Canada and Australia.

Love House- Elaborate the French society structure in the 18th century and also describe its significance in today's society.

Unity house- How did the businessmen peruse their work in palampur. Describe it sector wise.

Zeal house- Why does India use a standard meridian? What is the standard meridian for India?

Explain why India have great physical variation.

5- Computer

Common question- Create marks sheet program in ms excel.

Hope house- Design a presentation on the topic proxy server and virtual private network.

Love house- Draw a poster on cyber safety.

Unity House- Write the types of apps – Desktop Apps, Web apps, Mobile Apps

Zeal house- Write any six types of cyber crime and also write the safety measures that ensure our safety in the cyber world.

6- Hindi Common question-

प्राचीन व आधुनिक समय में होने वाले सकारात्मक व नकारात्मक परिवर्तनों व बदलावों से जन-जीवन पर पड़ने वाले प्रभावों तथा सुधार के उपायों को ध्यान में रखकर अपने विचार लिखिए तथा पाँच स्लोगन भी तैयार कीजिए।

होप हाउस- कोई एक ऐसी कविता या कहानी लिखिए जिसमें आपके सपनों का वर्णन हो और जिसके लिए आप अभी से प्रयासरत हों।

लव हाउस- कल्पना के आधार पर बताइए कि लड़कियों की संख्या कम होने पर भारतीय समाज का रूप कैसा होगा?

यूनिटी हाउस- क्या आपने कभी किसी पशु-पक्षी का संरक्षण किया है? यदि हाँ तो कैसे? यदि नहीं तो अगर आपको किसी पशु-पक्षी का संरक्षण करने का अवसर मिले तो आप किस प्रकार उसे संरक्षण देंगे। अपने विचार लिखिए।

जील हाउस- आप किसी ऐसे बालक/बालिका के बारे में एक अनुच्छेद लिखिए जिसने कोई बहादुरी का काम किया हो जिसके लिए उसे राष्ट्रपति पुरस्कार दिया गया हो।