

URSULINE CONVENT SR.SEC.SCHOOL, GR. NOIDA
HOMEWORK FOR SUMMER VACATION (2022-23)

Class - IX

SUBJECT- HINDI

◆□1. मृदा (मिट्टी) संरक्षण हमारे भविष्य के लिए अति आवश्यक है हमारी शारीरिक और मानसिक स्वास्थ्य के लिए हमें किस प्रकार से मिट्टी को संरक्षित करना चाहिए उसके लिए क्या-क्या उपाय करने चाहिए। सभी को प्रेरित करते हुए अपने नगर के प्रसिद्ध समाचार पत्र के संपादक के नाम एक पत्र लिखिए।

दिए गए दिए गए पत्र को कक्षा में बताए गए प्रारूप के अनुसार लिखें (A4 शीट पर)
ग्रीष्मकालीन अवकाश कार्य कक्षा 9

- ◆□2. एक स्वरचित लघु कथा चित्र सहित लिखिए तथा यह भी बताइए कि उस कहानी से क्या शिक्षा मिलती है।
- ◆□ शब्द सीमा -200 से ढाई सौ शब्द
- ◆□ प्रस्तुत कार्य A4 शीट में करें।

दिए गए दिए गए पत्र को कक्षा में बताए गए प्रारूप के अनुसार लिखें (A4 शीट पर)

◆□3. उत्तर प्रदेश के मुख्यमंत्री योगी आदित्यनाथ द्वारा चलाए गए मिशन शक्ति का परिचय देते हुए दिए गए विषयों पर वाद - विवाद लेखन तथा वाचन तैयार करें-

1. स्त्रियां तथा उच्चतम शिक्षा
2. स्त्रियों द्वारा घर और बाहर के कार्यों में सामंजस्य
3. स्त्रियां बेहतर शासक
4. शिक्षित स्त्री शिक्षित समाज

- ◆□ रोल नंबर 1 से 25 पक्ष में तर्क देंगे रोल नंबर 26 से 52 विपक्ष में तर्क देंगे।
- ◆□ अपने अपने तर्कों में ठोस तर्क तथा उदाहरणों का प्रयोग करें।
- ◆□ शब्द सीमा 200 से ढाई सौ शब्द
- ◆□ प्रस्तुत कार्य को A4 शीट में साफ-साफ सुंदर-सुंदर लिखें तथा (स्कूल खुलने पर) प्रस्तुति के लिए भी तैयार करें

SUBJECT – ENGLISH

1. Watch English new daily in order to equip yourself with the information and facts to be used in as content in writing skills
2. Read the chapters 'The sound of Music' and 'The Little girl' and write the character sketches of the following
 - a. Bismilla Khan
 - b. Evelyn Glennie
 - c. Margie
3. You are Vaibhav/Vaibhavi. You are asked to write an article for the school magazine on 'climate change' using the hints given below.

Human activities- burning fossil fuel—release carbondioxide—rise in earth's temperature—causes sea level changes—adversely effects precipitation—seasons—flora and fauna

4. Given below is a list of literary devices. Select three poems from the syllabus and highlight the presence of listed literary devices while explaining the literary devices

Simile

Metaphor

Personification

Illusion

SUBJECT - MATHEMATICS

1. ART INTEGRATED ACTIVITY

1. Make a bar graph of the population of Arunachal Pradesh for the years 2001, 2011 and 2021
2. Make a pie chart on the languages of Arunachal Pradesh
3. Represent the climate of Arunachal Pradesh month wise on a line graph showing the average, high and low temperatures.
4. Represent the average rainfall of Arunachal Pradesh using a line graph.

INSTRUCTIONS

- * The activity is to be done only in groups.
- * Each student will be assigned a specific duty by the group leader and role of each student should be mentioned.
- * You are expected to prepare a PPT along with the file and present it in the class at the end of the activity.
- * The File should be well presented.
- * The file is to be submitted in simple folder with the name & number of the group.

2. LAB ACTIVITIES

Do the following lab activities in a practice copy by cutting and pasting. You can use the book - Arya publications for reference.

S.N.	TOPIC	ACTIVITY NO.
1.	Square roots of natural numbers	2
2.	Sides property of a parallelogram	6A
3.	Diagonal property of a parallelogram	6B
4.	Mid-point theorem	7
5.	Coordinates and mirror image of a geometrical figure	9
6.	Angles subtended by an arc at the centre and at any point on the	10

Remaining part of the circle

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|-----|--|----|
| 7. | Angles in the same segment of a circle | 11 |
| 8. | Angle in a semicircle, major segment and minor segment of a circle | 12 |
| 9. | Opposite angles of a cyclic quadrilateral | 13 |
| 10. | Factorization of quadratic polynomials | 20 |

SUBJECT - SCIENCE

Time to be Spent (Hours per day for __ Days):	(1 hour per day for 6 days)
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Work Specification:	<ul style="list-style-type: none">• Project Work• Experimental Investigation
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Materials Required:	<ul style="list-style-type: none">• Colour A4 Sheets /Photographs/Graphs
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Activities:	<p>PHYSICS</p> <ul style="list-style-type: none">• Draw distance-time time graph related to object moving in uniform and non-uniform speed and velocity-time graph related to object moving in uniform and non-uniform motion.• Draw various examples related to uniform circular motion. <p>CHEMISTRY</p> <ul style="list-style-type: none">• Collect information about any 5 scientists and their contribution in field of chemistry.• Collect information about the fourth and fifth states of matter and paste their pictures in A4 sheets. <p>BIOLOGY</p> <ul style="list-style-type: none">• Draw well-labelled diagram of plant and animal cells and write their differences.• Perform any activity related to exosmosis and endosmosis at your home. Click the picture and paste in A4 sheet with procedure of the activity.
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SUBJECT – SOCIAL SCIENCE

- 1. The Indian Constitution protects the rights of children, women minorities and weaker sections .Elaborate on the basis of a case study and submit in project file in 8 to 10 pages.**
- 2. Prepare a Ppt on Disaster Management .**
- 3. Make maps of all chapters of Geography first term using stencil.**

SUBJECT - ARTIFICIAL INTELLIGENCE

Write an article in about 300-400 words on the topic Will Robots replace Humans?

The article should include the following parameters

- History of Artificial Intelligence**
- Present areas where artificial intelligence is making it's mark**

Note: Make your article interesting by using facts, data, pasting/drawing pictures.