

JAIN VIDYA MANDIR SR. SEC. SCHOOL ,SONEPAT

HOLIDAY'S HOMEWORK

CLASS -10

DEAR PARENTS,

Holidays are the time when we can connect with child in many ways. As you are your child's first teacher, you can encourage your child's love for learning by participating in many activities at home. Working together will help your child build confidence, learn to reason and develop skills necessary for his/her education.

Take your Child for morning yoga, talk about the things that you see around.

Play indoor games with your child.

Let your child help around house doing small jobs like cleaning, watering plants etc.

To spend quality time with your child.

Encourage them to spend time with grandparents.

Communication will play pivotal role in grooming the overall personality of the children. Converse your child preferably in English.

GENERAL INSTRUCTIONS TO BE FOLLOWED WHILE DOING HOLIDAYS
HOMEWORK:

Do the work according to the roll numbers.

Holidays home work should be done as per the instructions given on A4, A3 size sheets or charts.

The child should be assessed for the neat handwriting, presentation, creativity.

Parents can be facilitator at home but the work should be done independently by the child in his/ her own handwriting.

Thank you

Subject- English

Instructions: - Do your holidays homework as per given guidelines.

*Learn and practice of syllabus of First Flight and Footprints Without Feet along with grammar topic which we have covered in the month of April and May.

Following activities to be performed according to Roll no.

Roll No. 1 to 10

1. Make a beautiful painting of Dust of Snow.
2. Make a radio show on how a thief is converted into a good and civilized citizen.
3. a chart or flash cards on Modals with their correct usage

Roll No. 11 to 20

1. Make a collage on Indian Scientists and their discoveries.
2. Make a model of jet/ aeroplane by using waste material
3. Write a beautiful painting of young seagull and his family.

Roll No. 21 to 30

1. Draw a picture of farmers working in a field
2. Make a beautiful zoo with the help of waste materials.
3. Present a conversation by showing the correct usage of Tenses and verbs.

Roll No. 31 onwards

1. Make the brochure on the tourist destination of India.
2. Role play of a tiger and explain the comparison of a tiger who is caged and who is free in forest.

3. Present a conversation by showing the correct usage of verbs.

Do assignment work in Grammar Notebook-

1. Anand witnessed an accident near the school gate where a child fell down and was hurt very badly. Many people were standing around but did not know what to do. Finally the child was carried to the hospital by a taxi driver. Anand felt the necessity to enable the students to render the first

Aid to the victim. He decides to write a letter to the editor of a local daily about the importance of knowing first Aid. Write the letter on his behalf.

2. You were a part of audience in a debate held in your school on Technology, Its effects on modern

Life'. This set you thinking how the Youth of today misuses technology. Write a letter in 150 words to the Editor of a newspaper on the dangers of such misuse and how it can be controlled.

3: Write a letter to the Director of the Archaeological Survey of India complaining about the damage caused to a historical Monument in your city due to Negligence.

4. Write a letter to the Editor, The Times of India, about Evoking awareness for the use of Solar energy among the citizens of India. You are Daman/ Damini from Vijay Nagar, New Delhi.

5. Write an analytical paragraph on importance of balance diet.

6. Write an analytical paragraph on importance of education.

7. Fill in the blanks with suitable verbs.

Honey, amla, gums, resins, tubers and Tamarind,; all these and more (a).... (come) from forests and (b).....(find) their way into our lives. But the tribal who (c) (pluck), Dig and extract them get a pittance. Now, the government (d)

.... (decide) to provide a minimum support price (MSP) for some select forest produce on the lines of wheat and paddy. The step could (e)....(help) around 40 million tribal families Which still (f).... (depend) part or Whole year on income from forests.

8.The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction in your answer sheet against the correct question number. The first one has been done as an example.

A.Dolphins and killer whales has learned elaborate routine. [Error: has; Correction: have]

To entertain aquarium audiences. They are thought By men to being even more scientifically (a) [Error: _____; Correction: _____;]

Intelligent then me. In scientific (b) [Error: _____; Correction: _____ ;]

Experiments they had showed great (c) [Error: _____; Correction: _____;]

Skill for distinguishing between objects. (d) [Error: _____; Correction: _____;]

B.When it comes to nutrients, almonds really know

How to shine! This all in one nut was snacked [Error: was; Correction: is;]

With multiple benefits who help in weight (a) [Error: _____; Correction: _____;]

Management, maintain blood glucose levels (b) [Error: _____; Correction: _____;]

And providing essential nutrients. Almonds is © [Error: _____; Correction: _____;]

An excellence source of vitamin-E, magnesium, (d) [Error: _____; Correction: _____;]

And manganese.

Answer the following questions in about 100-150 words.

- 1.What traits does Lencho possess? Write his character sketch.
 - 2.Give a detailed description of the inauguration ceremony of South Africa.Why is it a red letter day in the history of South Africa?
 - 3.Hari Singh says-‘He knew it but neither his lips nor his eyes showed anything’.
- Anil successfully addressed the situation by not addressing it at all. Elaborate based on your reading of the Chapter, The Thief’s Story.
4. Do you think Tricki was enjoying his stay at hospital?
 5. Explain the theories about the end of the world with the reference to the poem, Fire and Ice.

SUBJECT SOCIAL SCIENCE

*Learn following chapters:

History-1

Geography -1

Civics – 1,2

Economics – 1,2

Do the Art Integrated activities according to roll no. (Do any three activities)

Roll NO. 1-5

1. Make a poster highlighting the ideas of Frederic Sorrieu.
2. Make a beautiful model of soil profile.
3. Make a collage on differential goals of different persons.
4. Make a stencil of India.

ROLL NO. 6-10

1. Make a sketch of Napoleon.
2. Prepare a model showing different types of soil.
3. Make a poster on –“Green Revolution.
4. Make the stencil of Belgium and Sri Lanka

ROLL NO. 11-15

1. Make the postage stamps of Marianne , Germania and Bharat Mata.
2. Write a paragraph on land degradation and it's preventive measures on A4 sheet.
3. Make caricature on Reigning reins.
4. Prepare a model on Sustainable development.

ROLL NO. 16-20

1. Chart tabulation the different attributes with their meaning
2. Make a collage on different forms of Power Sharing.
3. Prepare a three dimensional model on economic activities.
4. Prepare a model on -Project Rhino.

ROLL NO. 21-25

1. Prepare a mind map related to the struggle of India's freedom.
2. Prepare a model on -Project Tiger

3. Make a poster on MNREGA.

4. Speech on Secularism.

ROLL NO. 26-30

1. Make a pictorial presentation/Model on Dandi March.

2. Write a report on measure state as we as centre government to cope up the situation of COVID -19.

3. Make Flash cards of fiber crops showing their geographical conditions.

4. Prepare a collage on coins and currency notes of India which are not in use now a days.

ROLL NO. 31-35

1. Make an outline of Indian Map and show the main session of Congress before Independence.

2. Prepare a collage on Public and Private Sectors.

3. Prepare a model on Rainwater Harvesting.

4. Poster on Decentralisation.

ASSIGNMENT QUESTIONS:

Write the following questions on A4 size sheet :-

1. What the effect of French Revolution.

2. Classify resources on the basis of ownership into four categories . Mention the main features of each.

3. What type of soil is found in the river deltas of the eastern coast . Give three main features of this Type of soil .

4. briefly, the Ethnic composition of Sri Lanka and Belgium.

5. Why is the issue of sustainability important for the development ?

6. In what respects is the criterion used by the UNDP for measuring development different from the one used by the World Bank ?

7. Why is power sharing desirable ?

- 8.What is HDI? Explain its major indicators.
9. “Conservation of resources is need of hour” support the statement with suitable examples.
10. Explain the major features of Napoleonic code of 1804.

Subject - Computer

- Learn Unit-3 Word Processing Intermediate
Unit-1 Communication Skills.
- **Activity- Activities performed according to your Roll No.**
 - **Roll No. 1 to 5-**
 - Draw a chart on the topic of “Methods of Communication”.
 - Open the semester wise report document, created in the previous session . Insert a header with your grade and division on the left hand side, school name in the centre and download any suitable logo from the internet to place it on the right-hand side of the header section.
 - **Roll No. 6 to 10-**
 - Suppose you are travelling from India to USA, then from USA to UK and Back. List all the fares and Purchases you made in different currencies and enter the data in Excel.
 - Draw a Chart on the Topic of “Green Kills”.
 - **Roll No. 11 to 15-**
 - Type a paragraph and first align the text left, then right and then centre. Then do a first –line special indent. Finally do a Drop Cap.
 - Create a two page brochure on any hill station or tourist spot of your choice. the brochure must include pictures. Wrap the text around the pictures. it must also include sightseeing spots, resorts to stay in, and details of how to reach the place.’
 - **Roll No. 16 to 20-**
 - Make a timetable of your class and format it.
 - Draw a chart on the topic of “ Importance of Self-Management”.
 - **Roll No. 21 to 25-**
 1. Take a two page document, set the first page orientation to Landscape and second page to Portrait. Change the margins to Narrow in the Portrait page.
 2. Draw a chart on the topic of 7C’s of Effective Communication Skills.
 - **Roll No. 26 to onwards-**
 1. Type any text from a Magazine and divide your page into two columns and try to use column break and page break anywhere in the text.
 2. Create a chart on the topic of all the components of a worksheet.

SUBJECT -SCIENCE

Part A - Assignments

Solve them in separate notebook

Assignment 1

CHEMICAL REACTIONS AND EQUATIONS

1. How is exothermic reaction different from an endothermic reaction?
2. Explain four different types of chemical reaction with suitable examples.
3. How do we balance a chemical equation?
4. Why are oil and fat containing food items flushed with nitrogen?
5. What is the difference between displacement and double displacement reaction? Give suitable

chemical equations for the same.

6. Give two uses of quick lime.
7. What is electrolytic decomposition?
8. Identify the following type of reactions:-

- $\text{Na}_2\text{SO}_4 + \text{BaCl}_2 = \text{BaSO}_4 + 2\text{NaCl}$
- $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$
- $\text{Fe} + \text{CuSO}_4 \rightarrow \text{FeSO}_4 + \text{Cu}$
- $\text{Pb}(\text{NO}_3)_2 + 2\text{KI} \rightarrow \text{PbI}_2 + 2\text{KNO}_3$
- $\text{CaO} + \text{H}_2\text{O} \rightarrow \text{Ca}(\text{OH})_2$

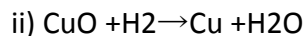
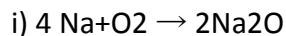
9. Define corrosion.

What is corrosion of iron called? How will you recognize the corrosion of silver? Why corrosion of iron is a serious problem? How can we prevent corrosion of iron?

Q10. Write one equation each for decomposition reactions where energy is supplied in the form of

light, heat and electricity .

Q11.. Identify the substances that are oxidized and the substances that are reduced in the following reactions:



Q12.. What happens chemically when quicklime is added to water filled in a bucket?

Q13. Give reason : Magnesium ribbon is to be cleaned before burning in air.

Q14. What is redox reaction? Explain with example.

Q 15. What happens when a strip of zinc is dipped into a solution of copper sulphate? Write the balanced chemical equation of the reaction.

Q 16. A metal 'X' acquires a green colour coating on its surface on exposure to air

a) Identify the metal and name the process responsible for this change. b) Give the name and formula of the green coating formed on the metal.

Assignment 2

Life processes

1. Name the following

(a) The process in plants that links light energy with chemical energy

(b) Organisms that can prepare their own food

(c) The cell organelle where photosynthesis occurs

(d) Cells that surround a stomatal pore

(e) Organisms that cannot prepare their own food

(f) An enzyme secreted from gastric glands in stomach that acts on proteins.

2. "All plants give out oxygen during day and carbon dioxide during night". Do you agree with this statement? Give reason.

3. How do the guard cells regulate opening and closing of stomatal pores?

4. Two green plants are kept separately in oxygen free containers, one in the dark and the other in continuous light. Which one will live longer? Give reasons.

5. If a plant is releasing carbon dioxide and taking in oxygen during the day, does it mean that there is no photosynthesis occurring? Justify your answer.
6. Why do fishes die when taken out of water?
7. Differentiate between an autotroph and a heterotroph.
8. Is 'nutrition' a necessity for an organism? Discuss.
9. What would happen if green plants disappear from earth?
10. Leaves of a healthy potted plant were coated with vaseline. Will this plant remain healthy for long? Give reasons for your answer.
11. How does aerobic respiration differ from anaerobic respiration?
12. Match the following:

Column (A)

- (a) Phloem
- (b) Nephron
- (c) Veins
- (d) Platelets

Column (B)

- (i) Excretion
- (ii) Translocation of food
- (iii) Clotting of blood
- (iv) Deoxygenated blood

13. Differentiate between an artery and a vein.
14. What are the adaptations of leaf for photosynthesis?
15. Why is small intestine in herbivores longer than in carnivores?
16. What will happen if mucus is not secreted by the gastric glands?
17. What is the significance of emulsification of fats?
18. What causes movement of food inside the alimentary canal?
19. Why does absorption of digested food occur mainly in the small intestine?

20. Match Group (A) with Group (B)

Group (A)

Group (B)

- (a) Autotrophic nutrition
- (b) Heterotrophic nutrition
- (c) Parasitic nutrition
- (d) Digestion in food vacuoles
- (O) Leech
- (Paramecium
- (iii) Deer
- (iv) Green plant

21. Why is the rate of breathing in aquatic organisms much faster than in terrestrial organisms?

22. Why is blood circulation in human heart called double circulation?

23. What is the advantage of having four chambered heart?

24. Mention the major events during photosynthesis.

Assignment 3

Light Reflection and Refraction

1. Identify the device used as a spherical mirror or lens in following cases, when the image formed is virtual and erect in each case.

- (a) Object is placed between device and its focus, image formed is enlarged and behind
- (b) Object is placed between the focus and device, image formed is enlarged and on the same side as that of the object.
- (c) Object is placed between infinity and device, image formed is diminished and between focus and optical centre on the same side as that of the object.
- (d) Object is placed between infinity and device, image formed is diminished and

between pole and focus, behind it.

2. Why does a light ray incident on a rectangular glass slab immersed in any medium emerges parallel to itself? Explain using a diagram.

3. A pencil when dipped in water in a glass tumbler appears to be bent at the interface of air and water. Will the pencil appear to be bent to the same extent, if instead of water we use liquids like, kerosene or turpentine. Support your answer with reason.

4. How is the refractive index of a medium related to the speed of light? Obtain an expression for refractive index of a medium with respect to another in terms of speed of light in these two media?

5. Refractive index of diamond with respect to glass is 1.6 and absolute refractive index of glass is 1.5. Find out the absolute refractive index of diamond.

6. A convex lens of focal length 20 cm can produce a magnified virtual as well as real image. Is this a correct statement? If yes, where shall the object be placed in each case for obtaining these images?

7. Sudha finds out that the sharp image of the window pane of her science laboratory is formed at a distance of 15 cm from the lens. She now tries to focus the building visible to her outside the window instead of the window pane without disturbing the lens. In which direction will she move the screen to obtain a sharp image of the building? What is the approximate focal length of this lens?

8. How are power and focal length of a lens related? You are provided with two lenses of focal length 20 cm and 40 cm respectively. Which lens will you use to obtain more convergent light?

9. Under what condition in an arrangement of two plane mirrors, incident ray and reflected ray will always be parallel to each other, whatever may be angle of incidence. Show the same with the help of diagram.

10. Draw a ray diagram showing the path of rays of light when it enters with oblique incidence (i) from air into water:

(ii) from water into air

Long Answer Type Questions

1. Draw ray diagrams showing the image formation by a concave mirror when an object is placed

- (a) between pole and focus of the mirror
- (b) between focus and centre of curvature of the mirror
- (c) at centre of curvature of the mirror
- (d) a little beyond centre of curvature of the mirror
- (e) at infinity

2. Draw ray diagrams showing the image formation by a convex lens when an object is placed

- (a) between optical centre and focus of the lens
- (b) between focus and twice the focal length of the lens
- (c) at twice the focal length of the lens
- (d) at infinity
- (e) at the focus of the lens

3. Draw ray diagrams showing the image formation by a concave lens when an object is placed

- (a) at the focus of the lens
- (b) between focus and twice the focal length of the lens
- (c) beyond twice the focal length of the lens

4. Draw ray diagrams showing the image formation by a convex mirror when an object is placed

- (a) at infinity
- (b) at finite distance from the mirror

5. The image of a candle flame formed by a lens is obtained on a screen placed on the other

side of the lens. If the image is three times the size of the flame and the distance between lens and image is 80 cm, at what distance should the candle be placed from the lens?

What is the nature of the image at a distance of 80 cm and the lens?

Part B Art integrated projects

Prepare project according to your roll number

1. Roll no. 1 to 8

The sun is really powerful and solar energy is one the most resourceful sources of energy for the future. We all know that in just a few days our sun showers us with enough solar energy to equal all the total energy used by man and best of all it's renewable and it's free. Solar energy is the energy force that sustains life on the Earth for all plants, animals, and people, so why not use solar cookers to cook our food and heat our water.

Make a Solar cooker with the help of things present at your home.

2. Roll no 9 to 16

Make working model of Human Respiratory system.

3. Roll no 17 to 24

Make working mode of Projector

4. Roll no 24 to 35

Make working model of human heart



2022-23

ग्रीष्मावकाश गृहकार्य
दसवीं
हिन्दी

पाठ्य-पुस्तक →

पाठ - 1 (नेताजी का चश्मा) गद्य खंड

पाठ - 1 (सूरदास के पद) पद्य खंड

पाठ्य-पुस्तक से संबंधित दोनों पाठों के प्रश्न-उत्तर का
लिखित और मौखिक अभ्यास कीजिए।

कार्यपत्रिका (नेताजी का चश्मा)

प्रश्न-1) हालदार साहब को कहां से गुजरना पड़ता था?

प्रश्न-2) कस्बे में किस चीज का कारखाना था?

प्रश्न-3) मूर्ति किस चीज की बनी थी?

प्रश्न-4) मूर्तिकार कौन था?

प्रश्न-5) चश्मेवाले का क्या नाम था?

बहुविकल्पीय प्रश्न-उत्तर (✓ सही का निशान लगाइए)

प्रश्न-6) हालदार साहब को पानवाले की कौन-सी बात अच्छी नहीं लगी?

(i) अच्छे पान न बनाना

(ii) अधिक पान खाना

(iii) बात-बात पर हँसना

(iv) देशभक्त का मजाक उड़ाना

प्रश्न-7) मूर्ति को देखकर क्या कमी खटकती थी?

(i) सुंदर नहीं बनी थी

(ii) बड़ी नहीं थी

(iii) उस पर चश्मा नहीं था

(iv) रंग नहीं किया गया था

प्रश्न-8) हालदार साहब को कस्बे के नागरिकों का कौन-सा प्रयास
सराहनीय लगा?



- (i) कस्बे में सड़क बनाने का (ii) चैताजी की मूर्ति बनवाने का
(iii) विद्यालय बनवाने का (iv) अस्पताल बनवाने का
- प्रश्न-9) देशभक्ति की आजकल कैसी स्थिति है?
(i) वह मजाक की चीज बना गई है (ii) वह बढ़ती जा रही है
(iii) वह समाप्त हो गई है (iv) सबके मन में बसी है
- प्रश्न-10) पानवले की विशेषता है?
(i) वह बौला और मोटा है (ii) खुशमिजाज है
(iii) पान खाने वाला है (iv) ये सभी

कार्यपत्रिका → (सूरदास के पद)

- प्रश्न-1) गौपियाँ किसे भाग्यवान कह रही हैं?
- प्रश्न-2) गौपियों की योग साधना कैसी लगती है?
- प्रश्न-3) 'हारिल कीलकरी' किसे कहा गया है?
- प्रश्न-4) नंद-नंदन विशेषण किसके लिए प्रयुक्त हुआ है?
- प्रश्न-5) गौपियों की योग साधना कैसी लगती है?

बहुविकल्पीय प्रश्न-उत्तर (सही ✓ का निशान लगाइए)

- प्रश्न-6) काव्यांश की भाषा है?
(i) ब्रज (ii) हिन्दी
(iii) संस्कृत (iv) अवधि
- प्रश्न-7) गौपियाँ किसे भाग्यवान कह रही हैं?
(i) स्वयं को (ii) उद्भव को
(iii) श्री कृष्ण को (iv) ब्रज के लोगों को
- प्रश्न-8) श्री कृष्ण ने जाते समय गौपियों की कौन-सी वस्तु चुरा ली थी?
(i) वस्त्र (ii) मन
(iii) आभूषण (iv) धन



प्रश्न-9) श्री कृष्ण क्या पद आर हैं?

- | | |
|-----------------|-------------------|
| (i) धर्मशास्त्र | (ii) दर्शनशास्त्र |
| (iii) राजनीति | (iv) प्रेमशास्त्र |

प्रश्न-10) 'प्रीति-नकी' में अलंकार है?

- | | |
|-----------|------------------|
| (i) उपमा | (ii) उत्प्रेक्षा |
| (iii) यमक | (iv) रूपक |

पाठ्य-पुस्तक से संबंधित क्रियाकलाप -

1. आजकल अलग-अलग फ्रेमों वाले चश्मे आने लगे हैं। घर में अनुपयोगी पड़ी वस्तुओं तार, मेटल एवं सरकंडे की सहायता से चश्मे का मॉडल तैयार कीजिए।
2. A4 साइज शीट पर नेताजी की मूर्ति बनाइए।
3. स्वतंत्रता आन्दोलन में भाग लेने वाले अन्य नेताओं के चित्रों का कौलॉज तैयार कीजिए।
4. सूरदास की जीवनी पर प्रोजेक्ट तैयार कीजिए (जिसमें उनके जन्म, मृत्यु एवं रचनाओं का संक्षिप्त वर्णन हो)।
5. राधा-कृष्ण के संबंधित किसी एक मंदिर का मॉडल तैयार कीजिए।
6. बांसुरी का चित्र A4 शीट पर बनाइए।

नोट- उपर्युक्त क्रियाकलापों में से कोई तीन कीजिए।

1. पदपरिचय का अभ्यास उत्तर-पुस्तिका में लिखकर अभ्यास कीजिए।
2. नई कक्षा में आने पर होने वाले अनुभवों को एक कहानी की तरह लिखकर रूचिकर ढंग से A4 शीट पर दर्शाइए।
3. 'प्रदूषण से मुक्ति के लिए संपूर्ण मानव जाति और सरकार को मिलकर प्रयास करने होंगे।' यह पंक्ति आपके मन में क्या विचार उत्पन्न करती है। आप देश को प्रदूषण मुक्त बनाने में क्या योगदान दे सकते हैं। इसे चार्ट पर



4. आप कक्षा कक्ष में ऑफलाइन तरीके से शिक्षा ग्रहण करते हैं जिसमें शिक्षण एवं प्रत्यक्ष रूप से आमने-सामने रहकर कार्य करते हैं। कोरोना काल में आपने घर बैठकर ऑनलाइन कक्षाएं लीं। जिससे आप दोनों तरह की कक्षाओं में पढ़ने का अभ्यास कर चुके हों। इन दोनों तरीकों से शिक्षा ग्रहण करने के लाभ एवं हानियों से अवगत करती हुई कुछ पंक्तियाँ A पृष्ठ पर लिखिए।
5. विद्यालय की प्रधानाचार्या को अपने सहपाठी के प्रशंसनीय और साहसिक व्यवहार के लिए सम्मानित करने का अनुरोध करते हुए पत्र लिखिए।
6. आपको प्रतिदिन प्रार्थना करना कैसा लगता है, आप अपने घर या विद्यालय में जो प्रार्थना बोलते या सुनते हैं उसे अपने शब्दों में लिखकर तस्वीर सहित A पृष्ठ पर दर्शाइए।
7. ग्रीष्मावकाश के समय आप जहाँ भी घूमने जाएं अपने उस अनुभव या दिनचर्या को 80 से 100 शब्दों में अनुच्छेद के रूप में लिखें।

नोटः नेताजी का चश्मा, सूरदास के पद, माता का आंचल इन पाठों को ध्यानपूर्वक पढ़ें एवं इनमें से एक-एक अंक के 15-15 प्रश्न ढूँढ़कर उत्तर लिखिए।

MATHS

Do activities according to your roll no.

Roll no. 1 to 10

1. Draw a tree depicting polynomials in which branches can be divided on the basis of degree as well as terms it should cover all the concepts of factor and coefficients.
2. With the help of thread or wool represent a parabolic and cubic curve which all have real roots on a graph paper.

Roll no. 11 to 20

- 1.. Draw a nature scene showing different form of lines and other geometrical figures as well.
2. Draw eratosthenes sieve of prime numbers and composite numbers with the help of different coloured sketch pens on a A4 size sheet

Roll no. 21 to 30

1. Draw the sketch of Euclid the mathematician
2. Make a report on the biography of Euclid and his major contribution in the field of mathematics.

Roll no. 31 to 40

1. Draw a tree depicting polynomials in which branches can be divided on the basis of degree as well as terms it should cover all the concepts of factor and coefficients.
2. With the help of thread or wool represent a parabolic and cubic curve which all have real roots on a graph paper.

Do assignment work in maths Notebook-

1. Find the HCF of 615 and 154.
2. Find the HCF of 1385 and 155.
3. Prove that square of any positive integer is of the form $5q, 5q+1, 5q+4$ for some integer q .
4. Two tankers contain 850 liters and 680 liters of petrol respectively find the maximum capacity of the container which can measure the petrol of either tanker in exact number of items.
5. Three sets of Physics chemistry and mathematics books have to be stacked in such a way that all the books are stored topic wise and the height of each stack is the same the number of Physics books is 96 the number of chemistry books is 240 and the number of mathematics books is 336 assuming that the books are of same thickness determine the number of stacks in physics. chemistry and mathematics books.
6. Use prime factorization method to find the HCF and LCM of 168 and 448
7. Show that $3 + \sqrt{2}$ is an irrational number.
8. There is a circular path around a sports field Sonia takes 15 minutes to drive one round of field and Ravi takes 18 minutes for the same suppose they both start at the same point and at the same time and go in some direction after how many minutes will they meet again at the starting point.
9. Check whether $\sqrt{2} + \sqrt{3}$ is an irrational no or not.

10. what type of number is. 12122122212222 -----

Do practice of all examples of Chapter 1,2,3,4 AND DO all the exemplar questions