



GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ

SESSION : 2021 – 2022

CLASS 7 (A,B,C,D,E,F)

FINALS

Note: Please clearly mention your Name, Class/Section and Admission No. on the projects.

SUBJECT-PHYSICS PROJECT

INSTRUCTIONS: Parents are instructed to ensure that the students refer to their Physics book or the internet to write this project. This project should be done in approximately 10 – 20 pages in an Assignment copy. Paste relevant pictures or draw neat labelled diagrams if required.

TOPIC : HEAT

Collect information about the topic heat and temperature and write about the following :

1. Temperature
2. Relation between the three temperature scales.
3. Thermal Expansion
4. Three applications of good and bad conductors of heat.

SUBJECT-CHEMISTRY PROJECT

INSTRUCTIONS:

1. Students are suggested to search for topic related details from books or internet.
2. Students can use loose sheets or assignment notebooks for the project work.
3. Page limit is approximately 8 to 10 pages.
4. Students must paste topic related pictures.
5. The project work must be neatly done involving the student's creativity.

TOPIC-METALS AND NON METALS

Subtopics :

- 1.Properties of metals and non-metals
- 2.Metalloids- Definition and uses of any five metalloids.
- 3.Alloys -Name any three alloys of iron, copper and aluminium each .Also write their composition, properties and uses.

SUBJECT-BIOLOGY PROJECT

INSTRUCTIONS :Parents are expected to ensure that the student refers to the Biology book or the Internet to complete this project .This project should be done in approximately 8-10 pages in an assignment copy. Paste relevant pictures or draw neat labelled diagrams related to the topic.

TOPIC-HUMAN EXCRETORY SYSTEM

Collect information on the human excretory system and write about the following:-

- i) Renal excretory system in human beings.
- ii) Role of kidney in the formation of urine.
- iii) Different organs of excretion-skin, lungs and liver

SUBJECT-MATHEMATICS PROJECT

INSTRUCTIONS : Parents are expected to ensure that the child goes through the examples given in the textbook to solve the questions given below. The project can be done in any notebook.

- TOPICS**:1. Percentage
2. Mensuration

Solve the following:

Q1.Jyoti obtained 70 marks out of 80 in Mathematics and 60 marks out of 80 in Hindi.

Find the percentage of marks obtained by her in Mathematics.

Q2.A local cricket team played 20 matches in one season. It won 25% of them. How many matches did it lose?

Q3.Naresh earns Rs.30,800 per month. He keeps 50% for household expenses, 15% for his personal expenses, 20% expenditure on his children, and the rest he saves. What amount does he save per month?

Q4.In an election contested by Mahesh and Suresh, Mahesh got 42% of the votes cast. If the total number of votes cast is 40,000 , find the votes obtained by Suresh.

Q5.A shopkeeper bought 150 handicraft items for Rs. 5000 each. He sold 100 of these items at Rs.5500 each and 50 item at Rs.4000 each. What was his profit or loss percentage?

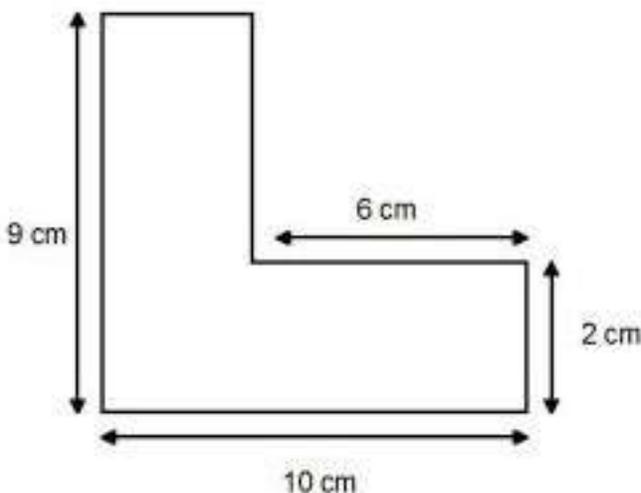
Q6.A wire is bent in the shape of a rectangle of sides 20 cm and 16 cm. If it is bent in the shape of a square, then what will be the length of the square?

Q7.A rectangular garden has a length and width of 20 m and 12 m respectively. A outer path is made 2 m wide . Find the area of the outer path.

Q8.The length and breadth of a rectangular park are 175 m and 125 m respectively. Find the cost of levelling the park at the rate of Rs.3 per m². Also find the distance covered by a man to take four round of the park.

Q9.If the total length of a wire fence around a circular garden is 880 m, then what is the radius of the garden?

Q10. Find the area of the figure :



SUBJECT-GEOGRAPHY PROJECT

TOPIC – INDUSTRIES

INSTRUCTIONS-Parents please ensure that the student uses the Geography book (Around the World by Ratna Sagar) or internet to write this project. Any notebook can be used. Paste the pictures on left side of the page related to the matter.

(Pages 1-3) Topic, Index and Introduction of the topic

(Pages 4-14) Heading: Need for industries in the world

Types of industries- On the basis of size, On the basis of raw materials, On the basis of ownership.

Important industries of the world (Iron and steel, Cotton Textile & Information Technology)

Industrial pollution (Causes and Prevention).

(Pages 15-16) Conclusion and Bibliography

SUBJECT-HISTORY PROJECT

TOPIC – AKBAR THE GREAT

INSTRUCTIONS-Parents please ensure that the student uses a History book (My book of History & Civics by Manju Bhashini) or internet to write this project. Any notebook can be used. Paste pictures on left side of the page related to the matter.

(Pages 1-3) Topic, Index and Introduction of the topic.

(Pages 4-15) Heading: Akbar's Conquest, Policy towards the Rajput's, Administration (Central, Provincial, Army and Revenue), Akbar's Religious Policy(Din-i-ilahi), Cultural Development(Music and Architecture),Conclusion and Bibliography.

END