

**SAVITRI DEVI DAV PUBLIC SCHOOL, JAMTARA**  
**DIWALI & CHHATH PUJA HOLIDAY HOME-WORK & PROJECT WORK-2021**  
**CLASS-XI/A (SCIENCE) C/T- Mr. S. K. DAS**

**Sub - MATHEMATICS**

**Subject Teacher – Dr. Raghendra Tiwary**

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**Chapter – 21(Circle)**

Exercise – 21A, Q.No. – 03, 04, 05, 07, 09, 11, 12 & 14.  
Exercise – 21 B, Q.No. – 02, 04, 07, 09, 12, 13, 15 & 17.

**Chapter – 22 (Parabola)**

Exercise – 22, Q.No. – 01, 03, 05, 07, 08, 09 & 10.

**Project work –**

Prepare a **Power Point Presentation on CIRCLE (Conic Sections)** with few examples.

**SUB - ENGLISH**

**Subject Teacher – Mr. Subodh Kumar Das**

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- Q1. Comprehend the unseen passages( to be given in group)
- Q2. Do ans.the MCQns.of the ch.Ranga's Marriage and The Address.
- Q3. Do ans.the Extract Based Qns.of the ch.Ranga's Marriage.

Project Work:-

In Chanel File ans.the qns.applying appropriate tense to the verbs given in brackets ( to be given in the groups.

**SUBJECT - PHYSICS**

**Subject Teacher – Mr. Sujit Kumar Mandal**

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- 1.State the parallelogram law of vector addition and find the magnitude and direction of the resultant of two vectors P and Q inclined at an angle  $\theta$  with each other . What happens, when  $\theta = 0^\circ$  and  $\theta = 90^\circ$  ?
- 2.A projectile is fired upward at an angle  $\theta$  with the horizontal with velocity u. Show that its trajectory is a parabola.Obtain expression for maximum height, time-of-flight and horizontal range .At what value of  $\theta$  is the maximum range.
- 3.)To solve 20 McQ type questions from chapter Motion in a plane.

PROJECT : - Complete your Practical Copy whatever practical you have done .

Date of submission of Practical Copy : - 15 / 16<sup>th</sup> of November

## **SUBJECT - CHEMISTRY**

Subject Teacher – MISS. SWETA

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1. Write systematic rules for naming organic compounds.
2. What is the formula of fourth member of alkyne family ?
3. Draw the structure of following organic compounds
  - Butan-2- one
  - Propan -2- amine
  - N- methylmethanamine
  - N,N - dimethylmethanamine
  - 3 Methylbut-1-ene
  - 3- propylhept -1-ene
  - Propane 1,2,3 triol
  - Pentane -2,4 Dione
  - Butanedial
  - 4,4 dimethyl hexan -3- amine .
4. Complete the practical copy .

## **Sub – INFORMATICS PRACTICES**

*Subject Teacher – Mr. Santanu Chakraborty*

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### **Practical File(In long Science Copy)**

(1) 10 Programmings Each from Lists with output

### **Project (In Copy)**

list 5 areas in softwares where python lists are used

## **SUB – PHYSICAL EDUCATION**

*Subject Teacher – Mr. Naveen Kumar Singh*

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### **Homework:-**

Qn). Define Khelo India Program.

Qn). Write a note on Career option in Physical Education.

**Note:- Should be done in H.W. Notebook.**

Project:- I) Draw a labelled diagram of 400m track and field with computations.

II) List of current National awardees of any 5 games.

**Note:- Should be done in P.E. practical notebook.**