# DR. VIRENDRA SWARUP EDUCATION CENTRE, N-BLOCK KIDWAI NAGAR Summer Holiday homework (2025-26)

#### Class-XI

#### PHYSICS:-

Instructions-

- 1.learn chapters that have been done in class.
- 2.create a flow chart of at least 40 physical quantity including their dimension formula, unit and symbol on a chart paper using your creativity.
- 3.complete all the given practical in physics practical file.

#### **CHEMISTRY:-**

- 1. Investigatory Project (As per the instructions provided)
- 2. Complete NCERT Exemplar questions of chapter 1st (Some Basic Concepts of Chemistry) and 2<sup>nd</sup> (Structure of Atom) in your NCERT Back exercise solution registers.

#### **BIOLOGY:-**

Lab manual work and investigatory project work (as instructed in class)

#### **MATHEMATICS:-**

Do NCERT questions of chapters

- (I) Trigonometric functions
- (ii) complex number
- (iii) linear Inequations

Make a project on conic section (min 5 pages )

#### **ENGLISH**

INTERNAL ASSESSMENT- ALS PROJECT + VIVA (M.M 10)

Following are the topics alloted as per your roll numbers

- 1. Poaching (roll no 1 to 6)
- 2. Cosmetics Market (roll no 7 to 12)
- 3. MarinePollution (roll no 13 to 18)
- 4. 3 R's (roll no 19 to 24)
- 5. Education opportunities in prison(25 to 31)
- 6. Global Warming (roll no. 32 to 38)

The topic must have the scope of research.

Your report must not be an article or an essay; it must be written like a report. You need to explore the idea, do research on the topic, collect data, interview people and come to a conclusion giving a positive solution. Note: Submit the project report after the summer break.

#### **ACCOUNTANCY:-**

Comprehensive project of any sole proprietorship business.

#### **ECONOMICS:-**

Project work on effect of PPC due to various government policies.

#### **COMPUTER SCIENCE-**

Do unsolved assignments questions given in the book of chapter1:Computer system overview and chapter2: Data representation.

#### **BUSINESS STUDIES:-**

Prepare a project report on any one of the topics given below as per the guidelines of CBSE board.

1. Case study on a product. 2. Aids to Trade. 3. Case Study on a Company

#### **APPLIED MATHEMATICS: -**

Solve all MCQs and class test question given in the text book.

Topics are -

- 1. Logarithm
- 2. indices
- 3. number quantification

## ग्रीष्मकालीन अवकाश हेतु गृह कार्य

### <u>परियोजना कार्य</u> कक्षा 11

## 1. प्रसिद्ध हिंदी कवियों पर पोर्टफोलियो प्रोजेक्ट

विषय: "मैं और मेरे कवि"

निर्देश:

किसी एक कवि का चयन करें (जैसे – हरिवंश राय बच्चन, महादेवी वर्मा, अजेय)

उनके जीवन, रचनाएँ, और लेखन-शैली का परिचय दें

अपनी पसंदीदा कविता का विश्लेषण करें

क्यों आपको वो कवि प्रिय हैं – यह बताएं

### पत्र लेखन संग्रह

2. विषय: "भविष्य से आए पत्र"

निर्देश:

कल्पना करें कि आपने अपने भविष्य के किसी रूप को पत्र लिखा है (जैसे – एक पत्रकार, शिक्षक, समाजसेवी)

भाषा भावनात्मक, प्रेरणादायक और रचनात्मक हो

कुल 3 पत्र लिखें – एक स्वयं को, एक परिवार को, और एक समाज को