



# VIKAS BHARTI SCHOOL, GORAKHPUR

## HOME ASSIGNMENTS FOR SUMMER VACATION - 2025

### FORM -A/Class-X (Science)

#### **English Language:**

Write any two compositions (300-350) from the given questions.

1. Experience is the best teacher.
2. Modern education should work towards making the examination system stress free for the child. Give your view either for or against the statement.
3. Write a story which begins; "Through my semi conscious state I heard the distant pearls of a telephone ringing."

#### **English Literature:**

1. Compare and contrast the characters of Mark Antony and Marcus Brutus including their motivations, style of execution, ethics and morality, emotional intelligence and results of their efforts.

#### **Hindi:**

1. "ग्लोबल वार्मिंग : समस्या और समाधान" विषय पर अपने भाव व्यक्त करते हुए 300 शब्दों का एक निबंध लिखिए।
2. एक कहानी लिखिए, जिससे समय के सदुपयोग की शिक्षा मिलती हो।
3. गर्मी की छुट्टियों का सदुपयोग कैसे किया जा सकता है ? अपने विचार व्यक्त करते हुए 300 शब्दों का एक लेख लिखिए।
4. "नया रास्ता उपन्यास की प्रमुख पात्र मीनू का जीवन नवयुवतियों को आगे बढ़ने की प्रेरणा देता है।" अपने विचार व्यक्त कीजिए।
5. "बड़े घर की बेटी" और "दो कलाकार" पाठ का सारांश लिखिए।
6. पच्चीस (25) मुहावरे अर्थ सहित लिखकर उन्हें वाक्य में प्रयोग कीजिए।
7. पच्चीस (25) शब्दों के पांच - पांच पर्यायवाची शब्द लिखिए।
8. पच्चीस (25) शब्दों के विलोम शब्द लिखिए।

#### **History & Civics:**

1) Prepare a project work on the following topics:-

a) Relevance of Gandhian Principles today.

Scope:-

- i. Gandhian Principles.
- ii. Gandhian relevance- A phenomenal success.
- iii. Gandhian Relevance- A phenomenal failure today.

OR

Reconstruct the life of a girl child living in the early 19th century India.

Scope:-

- |                          |                          |
|--------------------------|--------------------------|
| i. Sati                  | iv. Domestic violence    |
| ii. Child marriage       | v. Gender discrimination |
| iii. Widow ill treatment | vi. Female infanticide.  |

2) Forward Block and INA

Scope :-

- i. Rift with Gandhiji

- ii. Formation of Forward Block
- iii. Ideals of the Forward Block
- iv. Objectives of Indian National army or role of INA in the freedom struggle.
- v. Significance of INA

### **Geography:**

Make a project on any one from these topics given below:

1. Visit a water treatment plant or sewage treatment or garbage dumping or vermin composting sites in the locality and study their working.
2. Wildlife conservation efforts in India
3. Industrialization in India
4. Development of tourism in India
5. Transport in India

### **Mathematics:**

1. Write a short note on GST and Shares & Dividends.
2. Solve 5–5 questions from the following chapters -
  - i. GST
  - ii. Banking
  - iii. Shares and Dividends
  - iv. Mensuration
  - v. Quadratic equations
  - vi. Linear Inequations
  - vii. Factorisation
  - viii. Matrices
  - ix. A.P. and G.P.
  - x. Trigonometry
3. Make a formula chart on Mensuration and Trigonometry.
4. Describe about an Indian Mathematician and briefly explain about his main invention.

### **Physics:**

Prepare a project for ICSE evaluation (internal-external) on any one of the following topics:

1. Light
2. Electricity
3. Simple Machines
4. Magnetism
5. Heat

Presentation of your work should be in a file of 25-30 pages.

### **Chemistry:**

Make a project on any one of the following topics:

1. Acids, bases and salts
  2. Electrolysis
  3. Metallurgy
  4. Preparation and identification of some important gases.
- (At least 45 pages with colourful diagrams)

**Biology:**

Make a project on any one of the following topic -

1. Cell cycle and cell division
2. Phytohormones
3. Circulatory System
4. Excretory System
5. Reproductive System
6. Evolution
7. Pollution
8. Population
9. Sense organs
10. Photosynthesis

NOTE - At least 25 pages with colourful diagram.

Format of the project is-

- (i) Content
- (ii) Introduction
- (iii) Presentation ( graph, table, chart, newspaper cutting, diagram, photograph, statical analysis if relevant)
- (iv) Conclusion
- (v) Bibliography

**Computer Applications:**

Write/type any 20 programs(compiled) using chapter 1 of your prescribed book and syllabus.

**Physical Education:**

Make a Project on any one game as per the ICSE rules.

**Environmental applications:**

Make a comprehensive project on caring for our soil & give an idea for reclamation of soil.



**Dr. A.K. Pandey**  
**Principal**