



VIKAS BHARTI SCHOOL, GORAKHPUR

HOME ASSIGNMENTS FOR SUMMER VACATION - 2023

FORM-S (Science)

English Language:

1. Write a *critical review* of a movie that you watch during your Summer Vacation.

English Literature:

2. Write a note on the roles played by the three witches to decide the destiny of the play with reference to *Macbeth*.

Physics:

1. Prepare a PROJECT on any one topic as per ISC Guidelines & Syllabus (25-30 pages)
2. Read All questions & solved examples of text book up to taught portion.

Chemistry:

Execute *any one* project (*At least 40– 45 pages*) creatively. Following is the list of projects:

1. **Some useful compounds of s – Block elements** (Methods of preparation, characteristics and uses)
2. **Some useful compounds of p – Block elements** (Methods of preparation, characteristics and uses)

Biology:

1. Collect minimum 2 plant specimen related to each family Papilionaceae, Solanaceae and Liliaceae to make Herbarium file with proper description.

Mathematics:

1. Make a project on different types of functions along with their graphics!
2. Prepare 20 questions on domain and ranges of different types of functions!

Hindi:

1. किन्हीं बीस (20) अशुद्ध वाक्यों को लिखकर उन्हें शुद्ध रूप में लिखिए।
2. किन्हीं बीस (20) मुहावरों का अर्थ लिखकर उन्हें वाक्य में प्रयोग कीजिए।
3. 'पुत्र-प्रेम' पाठ के आधार पर बाबू चैतन्यदास की हृदयहीनता, आत्म शून्यता का वर्णन अपने शब्दों में कीजिए।
4. साहित्य समाज का दर्पण है अथवा साहित्य समाज का दर्पण ही नहीं मार्गदर्शक भी है। इस तथ्य की प्रामाणिकता दीजिए।
5. 'गौरी' कहानी के आधार पर प्रमुख पात्र का चरित्र-चित्रण अपने शब्दों में कीजिए।

Computer Science:

1. Prepare a big chart displaying the development of calculating devices.

Physical Education:

2. Complete your practical file & make a project on any one game & sports of your interest based on ISC prescribed syllabus.

Environmental Science:

You are recommended to complete one project from the list given below. The project work could take one of the five forms:

- 1: Address a current environmental problem (preferably at local or regional scale) and should include problem identification and analysis, use of secondary data as well as some collection of primary data, design of solution, documentation of the entire process in the form of a solution proposal.

- 2: Conduct a study on the density and population of the plants growing in a particular area using the quadrat method.
- 3: Field work and training in an environmental organization (NGOs, Industrial Pollution Control Firms, Testing Laboratories etc.) for a period of not less than one month. This work should be focused on one area in the syllabus.
- 4: Systematic monitoring of an aspect of the local environment over a period of at least six months.
- 5: Design and conduct an environment impact assessment. The candidates may use secondary data, demonstrate their capacity to collect and analyse primary data by incorporating some primary data collected and use it in a few sectors of their work.



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