

SANSKAR BHARTI GLOBAL SCHOOL

PHULPARAS, MADHUBANI - 847409

HOLIDAY ASSIGNMENT OF STD X

Instructions:-

- *Complete all questions neatly in your concerned subject fair notebook.
- *Use your own handwriting.
- *Maintain cleanliness and proper presentation.
- *Submit the assignment on the given date (immediately after the school reopens).
- *Attach relevant pictures/charts wherever required.

Subject – S.St.(5 M)

*Indian Map → 1 × 5 = 5 Marks

Five places a, b, c, d and e are marked on the outline political map of India. Identify these places with the help of following information and write their correct names on the lines marked near them.

- Mahatma Gandhi organised a Satyagraha movement at this place for Indigo planters.
- A place where Cotton Mill Workers' Satyagraha took place.
- The place where the Indian National Congress Session was held.
- A place in Punjab where the Jallianwala Bagh incident took place.
- Place where Mahatma Gandhi broke the Salt Law.

Subject – Hindi(5 M)

- भारत की खोज पुस्तक के लेखक पंडित जवाहरलाल नेहरू के जीवन पर सचित्र लेख लिखिए तथा स्वयं जानकारी एकत्रित कीजिए।
- निम्नलिखित विषयों में से किसी एक विषय पर अनुच्छेद लिखिए। (150-200 शब्द) में लिखें।
यदि मैं प्रधानमंत्री होता।
सोशल मीडिया – वरदान या अभिशाप।
पर्यावरण संरक्षण में मेरी भूमिका।
मेरी सबसे यादगार गर्मी की छुट्टी।
- पदबंध की परिभाषा एवं उनके भेदों को एक चार्ट पेपर पर दर्शाएँ और साथ ही स्वयं पाँच प्रश्न लिखकर उनको हल करें।
- मीराबाई की जीवनी सचित्र वर्णन करें (दृश्य और भाव)
- बिहार की पाँच ऐतिहासिक धरोहरों का वर्णन करें।

Subject – Maths(5 M)

Ch.-1 Real Numbers



- * Find the HCF of 36 and 54 using prime factorization.
- * Check whether 7^n can end with the digit 0 for any natural number n .

Ch.-02 Polynomial

- * If one zero of the polynomial $p(x) = x^2 - 7x + 10$ is 5, find the other zero?
- * If α and β are zeros of $2x^2 - 5x + 2$, find:
(i) $\alpha^3 + \beta^3$ (ii) $\alpha/\beta + \beta/\alpha$ (iii) $\alpha^2 + \beta^2$

Ch.-03 Quadratic Equation

- * Find the value of k if the equation $x^2 + kx + 16 = 0$ has equal roots.

PROJECT

- * To verify Pythagoras Theorem by Bhaskara Method.
- * Prepare a chronology of Indian mathematicians with their contributions.

Subject – Science(5 M)

BIOLOGY

- * Create a labelled diagram of the digestive tract and explain the role of enzymes in digestion.

PHYSICS

- * Write all the rules for image formation by a mirror, concave as well as convex.
- * Draw the ray diagrams for image formation by a concave mirror and convex mirror in all the cases.

(Note: Everything must be done on an A4 size paper.)

CHEMISTRY

- * Give three real life based examples of reaction between
i. Metal with Acid ii. Metal oxide with Acid iii. Metal Carbonate with Acid
iv. Base with Acid

Subject - English(5 M)

Complete the following assignments:

- * Read an English novel of your choice(1 Mark)
(i.e. The Diary of a Young Girl by Anne Frank) or (Long Walk to Freedom by Nelson Mandela, an autobiography).

Write a book review in not more than 200 words.

- * Write character sketch in 100 words. (Any two) (1 Mark)

(a) Lencho (A Letter to God) (b) Mrs. Pumphrey (A Triumph of Surgery) (c) Anil (A Thief's Story)

- * Read either an English newspaper daily for fifteen days and cut and paste news items related to education in your scrapbook. (1 Mark)

* Read all the chapters up to Periodic-1 syllabus in English Literature and note down difficult words with their meanings in a notebook. (1 Mark)

* Write the complete biography of the poet Robert Frost and paste some of his images on A4 size paper. (1 Mark).

(Best of Luck)

[Imp. Instruction :- For any confusion regarding the Holiday Assignment or for any assistance, please contact the Subject Teacher/ Class Teacher/Segment In-charge (8407804111) on their respective phone numbers.]