

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.

- a) Mahatma Gandhi organised a Satyagraha movement at this place for Indigo planters.
- b) A place where Cotton Mill Workers' Satyagraha took place.
- c) The place where the Indian National Congress Session was held.
- d) A place in Punjab where the Jallianwala Bagh incident took place.
- e) 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) e: fy[kA

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 नक्शा, v[kj l kFk gh Lo; i kp i- fy[kdj mudk gy djA

* मीराबाई की जीवनी l fp= o.ku dj i n- v[kj HkkO%

* fcgkj dh 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.)

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.]