

SANSKAR BHARTI GLOBAL SCHOOL

PHULPARAS, MADHUBANI - 847409

HOLIDAY ASSIGNMENT OF STD XI

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 – Physical Education(5 M)

* Draw a diagram on an A-4 size paper showing the take-off board and landing pit for running long jump.

*Draw a diagram on an A-4 size paper showing the take-off board and landing pit for triple jump.

Subject – Maths(5 M)

Solve questions from 1 to 5.

* Draw a graph of $\tan x$.

*Prove that: $3 \sin \frac{\pi}{6} \sec \frac{\pi}{3} - 4 \sin \frac{5\pi}{6} \cot \frac{\pi}{4} = 1$

*Prove that: $\frac{\sin 5x - 2 \sin 3x + \sin x}{\cos 5x - \cos x} = \tan x$

*Let $V = \{a, e, i, o, u\}$ & $B = \{a, i, k, 4\}$ Find: $V - B$ & $B - V$?

*Show that $A \cup B = A \cap B$ implies $A = B$.

Project

Explain the relation between radian and real numbers on a chart paper.

Explain the properties of the operations of intersection and union with diagrams on a chart paper.

BIOLOGY(5 M)

* 1. Mention the respiratory organs of different organisms.

Organism

* What are the basis of classification?

* Paste the picture of fungi commonly found in our surroundings.

Project Work

Write the biography of Aristotle and his contribution in the field of Biology.

PHYSICS(5 M)

*Write down all the dimensional formulae on a chart paper.

CHEMISTRY(5 M)

*Write down all 5 laws of chemical combination. Solve one numerical on each.

Subject - English(5 M)

Complete the following assignments:

*Read the story "The Portrait of a Lady" from the book Hornbill and write a brief character sketch of the author's grandmother (200 words).1 Mark

*Write brief character sketches (100 words each) of:

(a) Aram (b) Mourad (From the story "The Summer of the Beautiful White Horse")1 Mark

*Write a brief biography of the author Khushwant Singh in not more than 200 words on an A4-size paper, pasting a few images of the author too.1 Mark

*Read an English newspaper daily and cut and paste news items related to the environment in a scrapbook (15 days).1 Mark

*Read Chapter 1: Tense in Grammar and solve at least 10 questions daily in a notebook based on tenses.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.]