



St. XAVIER'S HIGH SCHOOL

**EDUCATION FOR ALL
BANKURA, WEST BENGAL**

Affiliated to CBSE (New Delhi) 10+2 Level
Affiliation No.: 2430130
School Code: 15720

SUMMER VACATION ASSIGNMENT FOR CLASS VII

SUBJECT: ENGLISH

1. In the poem 'The Twins' the speaker gets blamed for the things his brother does. Share an incident when you were blamed for something that your siblings or cousin did. . How did you feel? What did you do?
2. Have you ever been to A Haunted House? Describe your experience.
3. Write down another poem written by Rabindranath Tagore that you like most.
4. Can you name a few freedom fighters who helped us gain independence from British rule? How can we repay the sacrifices they made for us?
5. Prepare a time table of the major freedom movements 1857 to 1947 with the help of the following points:
 - a) Who led the movements?
 - b) States and cities involved.
 - c) The casualties and loss of property.
 - d) Role of these movements in shaping India.

SUBJECT -MATHEMATICS

- 1) Do first four chapters from your Student's Activity Book.
- 2) Product of two fractions is $\frac{3}{4}$. If one of the fraction is $\frac{15}{2}$.Find the other.
- 3) Discuss all the properties of 'Integers' with one proper example for each.
- 4) Munna subtracts thrice the number of notebooks he has from 50.He finds the result to be 8.How many notebooks does he have?

SUBJECT- SCIENCE

1. Take some onion peels and red cabbage from your mother and boil then separately in water under your **mother's supervision** .Collect the coloured water in two different glasses. Now make solutions of lemon juices, vinegar and baking soda. Take a small amount of each solution and add to it two drops of onion peel solution. Observe the change in colours. Repeat with the red cabbage juice. Write your observation in the form of a table.
2. Make a list of acidic and basic food items. Which ones are more common. Why?
3. Collect pictures of different heterotrophs and write few lines about them.

SUB - BENGALI

- 1) তোমার ' কুসুমকলি' বই থেকে 'পটল বাবু ও উড়ন্ত চাকি ' গদ্যটি পাঠ করে মূল ভাবটি তোমার নিজের ভাষায় লেখো। (পৃষ্ঠা নং - ১১ - ১৫)

- 2) ' বনগমনের প্রাক্কালে ' কবিতাটি পড়ে , কবি কাশীরাম দাস সম্পর্কে তুমি যাহা জান লেখো । (পৃষ্ঠা নং- ৭১)
- 3) ' গল্প মুকুল ' বই থেকে ইচ্ছাপূরণ গল্পটি ভালো করে পাঠ করো ও গল্পটির মূল বিষয় খাতায় লেখো। (পৃষ্ঠা নং - ১১)
- 4) ' ভাষা মুকুল ' বই থেকে পূর্ণাঙ্গ ব্যঞ্জনসন্ধি ভালো করে পাঠ করে । সন্ধি বিচ্ছেদ কর (১ - ৫) (পৃষ্ঠা নং - ১১ - ১২)
- 5) অনুচ্ছেদ রচনা লেখো : (পানীয় জলে আর্সেনিক দূষণ - পৃষ্ঠা নং - ১৫১)
- 6) সম্প্রতি তুমি একটা ভালো বই পড়েছ । বইটি কেন ভালো লেগেছে তা জানিয়ে বন্ধুকে পত্র দাও । (পৃষ্ঠা নং- ১৪৫)

SUB - HINDI

1. दस पृष्ठ हिंदी सुलेख लिखें।
2. 'भारत देश' कविता को यादगार लिखें।
3. अपने पाठ्यपुस्तक से ' दस विलोम शब्दों को यादकर लिखें।
4. 'दस पर्यायवाची' शब्द को यादगार लिखें।
5. 'फास्टफूड के नफे-नुकसान को अपने शब्दों में लिखें।
6. अपनी बड़ी बहन के जन्मदिन पर बधाई पत्र लिखें।

SUB – SOCIAL SCIENCE

1. Collect pictures of some of the monuments built in the medieval period and paste in your scrapbook with names.
2. Write a note on the causes of environmental pollution and measures to improve the conditions of the environment.

SUB – GK

Write 15 current affairs (National, International, science and technology, Sports and other fields) .

SUB – COMPUTER

1. Convert Binary to Decimal no:
 - i) $(1111011)_2$
 - ii) $(1101010)_2$
 - iii) $(10101)_2$
 - iv) $(100101101)_2$
 - v) $(1100)_2$
2. Convert Decimal to Binary no:
 - i) $(361)_{10}$
 - ii) $(165)_{10}$
 - iii) $(450)_{10}$
 - iv) $(197)_{10}$
 - v) $(553)_{10}$
3. What is number system? Explain.
4. What are the rules to convert a decimal number into a binary number?

NOTE : ALL THE ASSIGNMENT MUST BE DONE IN A RULED COPY.