



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 VIII

ENGLISH

1. Create two slogans of your own which focus on Women Empowerment.
2. Write in about 150 words on the following topics:-
 - A. Time and Tide Waits for None
 - B. Education Should be Free
3. Write a short story in 200 – 250 words, with the help of the cues given below. Give a suitable title to the story. Going to Mumbai by train to attend the marriage of a friendgot stuck in a traffic jam reached the railway station lateboarded a wrong trainrealised after two hours now you

BENGALI

1. তোমার 'কুসুমকলি' বই থেকে ' রাজর্ষি' গদ্যটি ভালো করে পাঠক রে ,রচনার মূল ভাবটি তোমার নিজের ভাষায় লেখো। (পৃষ্ঠানং- ৭)
2. ' রামচন্দ্রের বিলাপ ' কবিতাটি পাঠ করে, কবি কৃত্তিবাস ওঝা সম্পর্কে তুমি যাহা জানো লেখো। (পৃষ্ঠানং - ৭৫)
3. 'গল্প মুকুল' বই থেকে ' কাবুলিওয়লা ' গল্পটি মন দিয়ে পাঠ করে ,গল্পের মূলভাবটি নিজের ভাষায় খাতায় লেখো। (পৃষ্ঠানং - ১৩)
4. ভাষা মুকুল পাঠ্যপুস্তক থেকে বিসর্গসন্ধি পাঠ কর। (সন্ধিবিচ্ছেদ কর : সূত্র - ১ -৫) (পৃষ্ঠানং - ১২)
5. রচনা লেখো : (১) মানব জীবনে পরিবেশের প্রভাব : (পৃষ্ঠানং - ১৫৩)
6. একটি ভ্রমণের অভিজ্ঞতার কথা জানিয়ে তোমার বন্ধুকে একখানা পত্র দাও। (পৃষ্ঠানং - ১৪৫)

HINDI

1. ' ग्रामश्री' कविता को यादगार लिखें।
2. अपने पाठ्यपुस्तक से दस विलोम शब्दों को याद कर लिखें।
3. दस पृष्ठ हिंदी सुलेख लिखें।
4. दस पर्यायवाची शब्द को यादगार लिखें।
5. निम्नलिखित अनुच्छेद को लिखें-
(क) कंप्यूटर:- आज की आवश्यकता (ख) टी20 विश्वकप (ग) पर्यटनस्थल:- दीघा

MATHEMATICS

- 1) Solve first six chapters of your Student's Activity Book.
- 2) Learn and write the squares from 1-30 in copy.
- 3) Learn and write the cubes from 1-10 in copy.

SCIENCE

BIOLOGY

1. Answer the following questions:-

1. Why is it necessary to water plants frequently in summer?
2. If the soil contains minerals for the development of plants, why it is needed to add manure and fertilizers to soil?

3. Why rice cannot be grown in winter?
4. Explain the following terms of animal husbandry:
 - a) Pisciculture
 - b) Sericulture
 - c) Apiculture
5. What happens if the levelling is done before sowing of seeds?

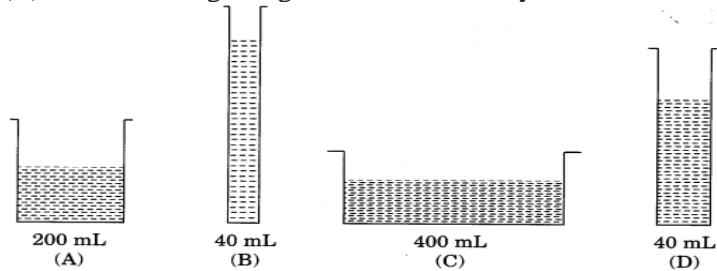
PHYSICS

1. Match the following with proper choices:-

- A. (a) Static friction - Viscosity
 (b) Kinetic friction - Least friction
 (c) Rolling friction - Objects are in motion
 (d) Friction between the liquid layers - Objects are sliding
 (e) Sliding friction - Objects are at rest
- B. (a) Barometer - reduce friction
 (b) Increasing area of contact - Atmospheric pressure
 (c) Decreasing area of contact - cause of friction
 (d) Lubricants - increases friction
 (e) Irregular surface - decreases friction

2. Answer the following questions:-

- (A) An archer shoots an arrow in the air horizontally. However, after moving some distance, the arrow falls to the ground. Name the initial force that sets the arrow in motion. Explain why the arrow ultimately falls down.
- (B) Observe the figures given below carefully.



Volume of water in each vessel is shown above. Arrange them in order of decreasing pressure at the base of each vessel. Explain the reason.

- (C) A stone weighs 500 N. Calculate the pressure exerted by it, if it makes contact with a surface of area 25 cm^2 .
- (D) Name two instruments which help to measure the pressure of a fluid.

CHEMISTRY

1. Fill in the blanks:

- (i) A polymer is a chain of many small units joined together which are called _____.
- (ii) The synthetic fibres are also known as _____ fibres.
- (iii) The first fully synthetic fibre was _____.
- (iv) A fibre similar to wool is _____.
- (v) A plastic used for making crockery is _____.

2. Match items in List A with the items of list B.

List A.

- (a) nylon.
- (b) PET.
- (c) rayon.

List B

- (i) non-stick coating
- (ii) electric switches
- (iii) parachutes

(d) thermosetting plastics. (iv) polyester

(e) Teflon. (v) artificial silk

3. Complete the crossword given below with the help of clues.



Across

- 1. Substance used as synthetic wool.
- 2. A plastic used for making containers and carry bags.
- 3. Substance made up of large number of smaller molecules.
- 4. Another name for this compound is artificial silk.

Down

- 5. A type of fibre obtained naturally from cocoon.
- 6. A synthetic fibre classified as polyester.
- 7. A polymer used for making rope.

4. PVC (polyvinyl chloride) is a thermoplastic and is used for making toys, chappals, etc.

Bakelite is a thermosetting plastic and is used for making electrical switches, handles of various utensils, etc. Can you write the major difference between these two types of plastics?

5. Write the importance of synthetic polymers in our life.

SOCIAL SCIENCE

1. Paste pictures of a few nationalist newspapers (The Hindu, Amrita Bazaar Patrika, Kesari, Digdarshana, Samachar Darpan, Sambad Kaumudi, Rast Goftar, And New India) published during our freedom struggle and collect information about it. Include these points -

- ✓ Name of the newspaper
- ✓ First published (Year)
- ✓ Name of the publisher/Founder/Editor
- ✓ Key points.

2. Draw or create a tree of constitutional values.

3. Describe the fundamental rights of Indian constitution along with the article number.

- Right to Equality
- Right to Freedom
- Right to freedom of Religion
- Right against Exploitation
- Cultural and Educational Rights
- Right to Constitutional Remedies

SUB – GK

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

SUB – COMPUTER

Answer the following question on your copy:

- Describe LAN and MAN.
- Explain the advantages and disadvantages of various topologies.
- Surf the internet and find out the various types of networks and how they work. Write it on your copy.
- What is the difference between a web page and a website.
- Write the full forms of the following:
 - HTTPS
 - FTP
 - TCP/IP
 - IMAP

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