

महात्मा गाँधी शिक्षण संस्थान, दरभंगा

ग्रीष्मावकाश के लिए गृहकार्य (2020–2021)

वर्ग – दशम्

विषय – हिन्दी

1. 'ए'–4 साईज के कार्डबोर्ड पर रचना के आधार पर वाक्य भेद का वृक्ष बनाकर परिभाषा सहित 1–1 उदाहरण को भी लिखें।
2. 'ए'–4 साईज के कार्डबोर्ड पर कोविड–19 से प्रभावित मजदूरों के पलायन का कुछ दृश्य दर्शाकर कोविड –19 से बचाव हेतु पाँच से दस वाक्यों में सजाकर लिखें।
3. अपने पाठ्य पुस्तक क्षितिज से पाठ सं 01, 03, 10, एवं 11 के सभी प्रश्नोत्तर फेयर कॉपी में तैयार करके लावें।
4. दिए गए संकेत बिंदुओं के आधार पर कोई 2 निबंध लिखें:–
(क) समय का सदुपयोग ☆प्रस्तावना, ☆समय का मूल्य, ☆समय का सदुपयोग जीवन में सफलता, ☆उपसंहार
(ख) संगति का महत्त्व, ☆प्रस्तावना, ☆सत्संगति का प्रभाव, ☆कुसंगति का दुष्प्रभाव, ☆उपसंहार
(ग) यदि मैं शिक्षामंत्री होता – ☆मेरी शिक्षामंत्री बनने की कल्पना, ☆शिक्षा का महत्त्व, ☆ शिक्षा प्रणाली में किए जाने वाले परिवर्तन, ☆उपसंहार
5. पुस्तकालय में हिन्दी पुस्तकें और पत्रिकाएँ मँगवाने के लिए अपने विद्यालय के प्राचार्य को एक अनुरोध पत्र लिखें।

या

अनियमित डाक वितरण के संबंध में पोस्टमास्टर को शिकायती–पत्र लिखिए।

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ग्रीष्मावकाश के लिए गृहकार्य (2020–2021)

वर्ग – दशम्

विषय – संस्कृत

1. 'पवित्र पर्यावरण' की महत्ता पर प्रकाश डालें।
2. अपने पाठ्य पुस्तक के आधार पर बुद्धि की महत्ता बताएँ।
3. अपने देश में हुए 'लॉक–डाउन' का लाभ बताएँ। इससे दश को पूरा–लाभ क्यों प्राप्त नहीं हो सका।
4. 'स्वर सन्धि' के प्रत्येक भेद को दस दस उदाहरणों के साथ समझाएँ।

MAHATMA GANDHI SHIKSHAN SANSTHAN, DARBHANGA

Summer Vacation H.W. 2020-2021

CLASS- X

SUBJECT- Science

(PHYSICS)

1. Derive the numerical expression for the combination of resistors
 - (a) In series, and
 - (b) In parallel.
2. Define Joule's law of heating.
3. Write the contribution of Joule in the field of physics (Without photograph)
4. Solve all in text and exercise questions from the chapters.
"Electricity" and "Magnetic effect of electric current" of your NCERT Book
5. Write the contribution of "Hans oersted" or "Michael Faraday" with a picture.
Make a project on it in a separate file.
6. On a cardboard, write the principle, construction and working of "AC Generator" and "Electric Motor" with diagrams.

(BIOLOGI)

1. What is the difference between breathing and respiration.
2. Write down the names of sound producing organ in man.
3. What is role of diaphragm in respiration.
4. Write any two uses of cartilaginous rings in trachea.
5. State any two differences between arteries and veins
6. What is transpiration? Mention its significance.
7. Differentiate between blood and lymph in respect of :-
 - (a) Direction of flow
 - (b) Cellular composition
8. Give appropriate terms for the following statements :-
 - (a) Any substance taken into the body for purpose of providing nutrition
 - (b) Conversion of complex food particles into simpler food particles in the presence of enzymes.

(CHEMISTRY)

1. (i) Why hydrogen gas is not evolved when Fe react with HNO_3 ?
(ii) What happens if acids does not releases H^+ in aqueous solution? If this acid reacts with base, then what will happen?
2. With the help of an activity show zinc reacting with NaOH to form H_2 gas as a product along with sodium zincate.
3. In your school laboratory how would you prepare sanitizer?
4. What type of chemical reaction takes place when corona virus infects our body cells? Explain.

5. Write down electronic configuration of the following elements :-

- (a) Zn (B) Al (c) Xe (d) Hg

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Summer Vacation H.W. 2020-2021

CLASS- X

SUBJECT- Urdu

1. Write an article in about 100-150 word , on Munsii prem chandra.
2. What is water Pollution? Write in 150-200 words.
3. Write an application to the Principal of your school for 2 days leaves.
4. Learn "Quafiya" and "Radeef, Sabqua and lahiqua" and write with some examples.
5. How can I protect my self and other also from corona virus? Represent it on a card board.

MAHATMA GANDHI SHIKSHAN SANSTHAN, DARBHANGA

Summer Vacation H.W. 2020-2021

CLASS- X

SUBJECT- English

1. Write and Memorise 100 words-meanings from both the text books.
2. Write the character sketch of 'Ausable'.
3. Paste a picture of Nelson Mandela and write a few lines about him.
4. Represent 'Voice' on the cardboard with two examples of each.
5. Write an article on the topic 'How I spent the Lockdown'.

MAHATMA GANDHI SHIKSHAN SANSTHAN, DARBHANGA

Summer Vacation H.W. 2020-2021

CLASS- X

SUBJECT- Mathematics

1. Solve all the exercises of the given chapters:

(including optional exercise)

- A. Real Numbers B. Polynomials
C. Pair of linear equation in two variables.
D. Introduction to Trigonometry.

Of NCERT in a separate copy in neat handwriting.

2. Project:

- A. Write about the contribution of 'Sir William Rowan Hamilton' in the field of linear equation with photograph, in a separate file.

B. Write about the contribution of 'Hipparchus' in the field of trigonometry with photograph, in a separate file.

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Summer Vacation H.W. 2020-2021

CLASS- X

SUBJECT- Social Studies

***All questions are compulsory:**

- 1. Suppose you visited the Jallianwala bagh after the day of massacre . Write about the incident in your own words.{Maximum 250 words }**
- 2. Evaluate the measures and practices introduced by the French revolutionaries to create a sense of collective identity among the French people.**
- 3. Why should land be used in a planned manner? Give three reasons.**
- 4. Why are dams referred to as multipurpose projects ? Name some major multipurpose projects and its beneficiary states. Why is construction of large dams opposed by many environmentalists.**
- 5. 'Both Belgium and Sri lanka are democratic countries , but they follow different system of power sharing'. Support the statement by giving different points.**
- 6. Assess the effect on Indian economy by COVID-19 epidemic.**

Project:-

1. On the outline map of India locate and label the following . Use separate map for each question, A & B.

A. I. National congress session Calcutta { sept.1920}

II. Important centres of the Indian national movement.

a.Place associated with the movement of indigo planters.

b. The place where the peasants satyagraha took place.

c. The place where the cotton mill workers organized Satyagraha.

d. The city related to Jallianwala bagh incident.

e. The place connected to the calling of the Non-co operation movement .

f. The place where Mahatma Gandhi violated salt law and started the civil disobedience movement.

g. The place associated with no tax campaign.

B. Locate and label the following Dams along with rivers on the map of India .

**Salal , Bhakra Nangal , Tehri , Rana pratap sagar
Sardar sarovar , Hirakund , Nagarjun sagar, Tungbhadra.**

2. Make a project showing consumption and conservation of resources in your locality { 500 words }.

