

महात्मा गाँधी शिक्षण संस्थान, दरभंगा

ग्रीष्मावकाशके लिए गृहकार्य (2020–2021)

वर्ग – नवम्

विषय – हिन्दी

1. 'ए'–4 साईज के कार्डबोर्ड पर अर्थ 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 महामारी पर एक अनुच्छेद लिखकर उससे संबंधित एक या दो सचित्र वर्णन भी करें।
3. अपने पाठ्य पुस्तक 'क्षितिज' से पाठ सं0 – 1, 2, 9, एवं 11 के सभी प्रश्नोत्तर फेयर कॉपी में तैयार करके लावें।
4. दिए गए संकेत बिन्दुओं के आकार पर कोई दो निबंध लिखें :–
(क) आदर्श विद्यार्थी, ☆ विद्यार्थी का अर्थ, ☆ विद्यार्थी के गुण, ☆ आज का विद्यार्थी, ☆ विद्यार्थी की भूमिका
(ख) क्रिकेट मैच का आँखों देखा हाल, ☆ दुनिया भर में क्रिकेट की लोकप्रियता, ☆ राष्ट्रीय व अंतर्राष्ट्रीय मैचों के प्रति जुनून, ☆ प्रायोजकों द्वारा लुभावना प्रचार, ☆ फिरोज शाह कोटला मैदान में भारत– पाकिस्तान का टेस्ट मैच देखने का अवसर, ☆ दर्शकों की उत्तेजना, ☆ दोनों टीमों का शानदार प्रदर्शन, ☆ मैच ड्रॉ
(ग) भारत की वर्तमान समस्याएँ, ☆ समस्याएँ हर युग में, ☆ समय के साथ स्वरूप परिवर्तन, ☆ वर्तमान समास्याएँ, ☆ समास्याओं का निराकरण संभव, ☆ व्यावहारिक योजनाएँ व उनका कार्यन्वयन, ☆ सुंदर भविष्य की कामना
5. अपने प्रिय मित्र को अपनी बड़ी बहन के शुभ विवाह पर आमंत्रित करने के लिए एक पत्र लिखें।

या

आपके मुहल्ले में आए दिन चोरियाँ हो रही हैं। उनकी रोकथाम हेतु थानाध्यक्ष को गस्त बढ़ाने हेतु पत्र लिखिए।

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ग्रीष्मावकाश के लिए गृहकार्य (2020–2021)

वर्ग – नवम्

विषय – संस्कृत

1. सरस्वती की नई बीणा बजने से प्रकृति में क्या परिवर्तन होते हैं?
2. 'स्वर्ण काकः' कहानी के आधार पर बताएँ कि लोभ के क्या परिणाम होते हैं?
3. कोरोना महामारी से लड़ने में "भारतीय दवाओं की भूमिका पर प्रकाश डालें।
4. वर्णों के उच्चारणस्थान से सम्बन्धित सूत्रों को लिखकर उनकी व्याख्या करें।

MAHATMA GANDHI SHIKSHAN SANSTHAN, DARBHANGA
Summer Vacation H.W. 2020-2021

CLASS- IX

SUBJECT- Science

(PHYSICS)

1. Algebraically and graphically derive the equation
$$V = u + at$$
2. Algebraically and graphically derive the equation –
$$S = ut + \frac{1}{2} at^2$$
3. Algebraically and graphically derive the equation –
$$V^2 - u^2 = 2as$$
4. Derive –
$$F = ma$$
5. What is law of conservation of momentum? Derive it.
6. Solve the numerical problems of chapters:-
 - (i) Motion and
 - (ii) Force and laws of motion
7. Write about the contribution of Sir Issac Newton in physics. Make a file for it.
8. Write physical quantities and their respective S.I. units on a chart paper.

(CHEMISTRY)

1. (i) Why is the rate of kinetic energy higher in gases as compared to solid?
(ii) If a body is having -4°C temperature what is temperature of same body in fahrenheit?
2. With the help of an activity show that particles of matter are very very small.
3. As a student of chemistry how would you reduce the effect of covid-19?
4. With the help of a flow chart explain, three states of matter solid, liquid and gas are interconvertible.
5. Write down about the physical state of matter at 25°C ?
(i) Water (ii) Vinegar (iii) Milk (iv) Dry Ice.

(BIOLOGY)

1. Write the main functions of leucoplasts.
2. Draw the diagram of an animal cell as seen through electron microscope label the parts that carry on the functions of
(a) Respiration (b) Secretion (c) Protein synthesis (d) Transport of materials
3. Which substances are responsible for transfer of characters from one generation to another?
4. Draw a well labelled diagram of:-
(a) Mitochondria (b) Plastids and explain their functions.
Why they are also called semiautonomous cell organelles?

5. Draw a well labelled ultra structure of an animal cell and a plant cell and compare between them with respect of similarities and dissimilarities.

MAHATMA GANDHI SHIKSHAN SANSTHAN, DARBHANGA

Summer Vacation H.W. 2020-2021

CLASS- IX

SUBJECT- Computer

1. Make notes of Unit 1& 2
2. Learn to create your own document in Microsoft word.
3. Make a chart paper diagram on Typing ergonomics.
4. How IT is helping us to tackle corona pandemic?

MAHATMA GANDHI SHIKSHAN SANSTHAN, DARBHANGA

Summer Vacation H.W. 2020-2021

CLASS- IX

SUBJECT- Urdu

1. Write an application to the Principal of your school for 1 week's leaves.
2. Write an article on "Akhtar sherani" in about 100-120 words.
3. Write and learn Q-Answers and word meanings of chapters 1 to 6.
4. Learn "Sifat" and "Mutraadif" and write with 30 examples.
5. How does corona virus spread? Represent it on a card board.

MAHATMA GANDHI SHIKSHAN SANSTHAN, DARBHANGA

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CLASS- IX

SUBJECT- English

1. Write all the Q-Answers of lessons 1 and 2.
2. Make a list of 30 words having one letter silent in each.
3. Make a diagram on a cardboard to represent all kinds of 'Adverbs' with two examples of each.
4. Write an article on 'The Effects of Corona Virus' in about 120 words.
5. Remember all the difficult words-meanings of Lessons – 1 and 2.

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Summer Vacation H.W. 2020-2021

CLASS- IX

SUBJECT- Mathematics

1. Write all the properties in details of addition , subtraction , multiplication & division of rational no.
2. Solve the Test paper of the chapter 1 to 5.
3. Make models of solid shapes.

4. Write formula of mensuration on chart paper.
5. Draw and write properties of Quadrilateral and its types.

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Summer Vacation H.W. 2020-2021

CLASS- IX

SUBJECT- Social Studies

***Answer the following questions:-**

HISTORY

1. Describe economic crisis during revolution in France.
2. What was Jacobin club? How did it organise revolution ?

GEOGRAPHY

3. Describe longitudinal and latitudinal location of India.
4. Differentiate between the western Ghats and the Eastern Ghats of Peninsular Plateau .

CIVICS

5. What is Democracy ? Describe its key features.

ECONOMIC

6. Describe different capital arrangements of farmers in the village Palampur.

CURRENT AFFAIRS

7. What is COVID-19 ? From where did it spread all around the world ?
8. Where did Nisarg and Amphan cyclone land-down in India?

PROJECT

9. Draw an outline physical map of India and locate the Ganga and Brahmaputra plains by using different colours.

10. Complete the following for used prevention of COVID-19.

A. I ___ L ___ I ___ N

B. ___ C ___ L D ___ T ___ C ___ G

C. W ___ H ___ G ___ N ___ S 20 Sec. at least.

D. ___ A ___ I ___ G F ___ C ___ M ___ K ___

E. H C ___ K S ___ T ___ G A T P ___ L ___ C P L ___ E S