



Diwali Break Assignment: Class-IX

Subject - English

Let this Diwali be celebrated not with noisy crackers but with your illuminating deeds.

1. Click on the link <https://pledge.cvc.nic.in/> and furnish all the necessary details on MyGov site. After furnishing all the details take the Integrity Pledge and get your video recorded in school Uniform. Download the certificate and send it along with your oath taking video on the whatsapp number of your Subject teacher on 18th November 2020.
2. Write an article on '*Should Burning Firecrackers be Banned*' in 100-120 words in your fair English Notebook.

विषय : हिंदी

१. दीपावली में कोई एक पकवान बनाते हुए या आपने कैसे पकवान बनाने में मदद की इसका दो मिनट का वीडियो बनाइए (नोट: तलने या आग के सामने का काम किसी बड़े के निरीक्षण में करें)
२. दीपावली पर दो आकर्षक नारा लिखिए तथा कलात्मक ढंग से प्रस्तुत कीजिए |

Subject-Biology

Make a project on mixed farming.

Your project must include the advantages of mixed farming, various patterns and variety of crops use for mixed farming.

Subject-Mathematics

(Assignment to be done in the Lab Manual or Prepare a File)

(Art Integrated Paper Cutting Activity)

Activity No.1: To verify the algebraic identity: $(a + b)^2 = a^2 + 2ab + b^2$ by using paper cutting activity.

(Graph Paper Activity)

Activity No.2: To find the value of abscissae and ordinates of various points given in plane by using graph paper.

Note: - (1) The images/pdf of the completed assignment must be forwarded/uploaded to Maths group WhatsApp number along with your name and class.

(2) As per the C.B.S.E. guidelines, marks of these assignments will be considered for your internal assessment which consist of 20 marks.

(3) For any assistance/guidance regarding the above assignment you may consult me.

Subject – Social Science

1. Frame questions from across the chapter Nazism and the rise of Hitler (Hist) and prepare answers.
2. Collect newspapers for the last one week and classify the news related to the working of any of the institutions into four groups:
 - Working of the legislatures
 - Working of the political executive
 - Working of the civil services
 - Working of the judiciary

Subject: Physics

VERY SHORT ANSWER TYPE QUESTIONS (1 Mark)

1. Change the speed 6 m/s into km/hr.
2. What do speedometer and odometer used for ?
3. What is the other name of negative acceleration ?
4. What does the slope of distance-time graph indicate ?
5. What can you say about the motion of a body if its speed-time graph is a straight line parallel to the time axis ?
6. What does the slope of speed-time graph indicate ?
7. Name the physical quantity which gives an idea of how slow or fast a body is moving ?

SHORT ANSWER TYPE QUESTIONS (2 Marks)

1. A tortoise moves a distance of 100 m in 15 minutes. What is its average speed in km/hr ?
2. If a bus travelling at 20 m/s is subjected to a steady deceleration of 5 m/s^2 , how long will it take to come to rest ?
3. What is the difference between uniform linear motion and uniform circular motion ?
4. Explain why the motion of a body which is moving with constant speed in a circular path is said to be accelerated.

LONG ANSWER TYPE QUESTIONS (5 Marks)

1. Derive the equations $v = u + at$, $s = ut + \frac{1}{2}at^2$ and $v^2 = u^2 + 2as$ graphically.
2. What is uniform circular motion ? Give two examples which force is responsible for that.

HOTS

1. What can you say about the motion of a body if its displacement-time graph and velocity-time graph both are straight line ?

Subject: Physical Education

Activity: Surya Namashkar

Note : Send the Video of the same to Mr. Pankaj Mishra (8989403099). Video duration should not exceed 1 Minute 30 Seconds.