

DELHI PUBLIC SCHOOL, SRINAGAR

Winter Assignment for Class 9th (Session 2016)

ENGLISH

Q. As the narrator, write an article on the lesson of love, faith and trust that you learn after reading the chapter 'Two Gentlemen of Verona'. Word limit : 150

URDU

سرماںی عملی کام برائے جماعت نہم

1. موضوع "پیڑ پو دے ہمارے دوست" پر ایک پاورپوئٹ پر زیشن تیار کچھ۔
2. اردو نشری مشہور صفتاتان کے بارے میں معلومات حاصل کر کے اس کی ترقی اور تنزیلی پر اپنے خیالات کا اظہار کچھ۔
3. علامہ اقبال کی سوانح حیات اور نظم نگاری پر ایک مضمون لکھیں۔
4. اردو قاعد میں رموز اوقاف کی تعریف کچھ۔ اور اس کی چند مثالیں دیجئے۔
5. قومی بھائی چارہ اس موضوع پر اپنے خیالات کا اظہار کچھ۔

MATHEMATICS

Project 1: History of Indian Mathematicians and Mathematics

How significant have contributions of Indian Mathematicians? What concepts have they given?
Have they contributed in the fields of Trigonometry, Algebra, Arithmetic and geometry?

Project 2: Body Mass Index (BMI)

What is Body Mass Index? What BMI indicates good health?
How to find out health conditions for a sample population according to BMI?

HINDI

अङ्ग्यास कार्य

कक्षा -नवर्मी जमा करने की तिथि १०-३-१६

प्र० हिन्दी के प्रसिद्ध कहानीकार ‘मुंशी प्रेमचंद’ का प्रसिद्ध उपन्यास ‘निर्मला’ को पढ़कर उसका सार अपने शब्दों में लिखिए !

(अङ्ग्यास कार्य हस्तलिखित होना चाहिए)

PHYSICS

Q1. The Odometer of an automobile measures:

- | | |
|-----------------|-----------------------|
| a) Speed | b) Distance travelled |
| c) Acceleration | d) All of above |

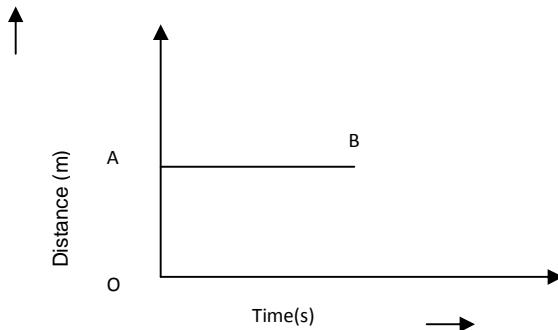
Q2. A particle is moving in a circular path of radius ‘r’. The displacement after half a circle would be:

- | | |
|-------------|------------|
| a) Zero | b) πr |
| b) $2\pi r$ | c) $2r$ |

Q3. An object moves through a distance. Can it have zero displacement? If yes, support your answer with an example.

Q4. When will you say a body is in uniform acceleration?

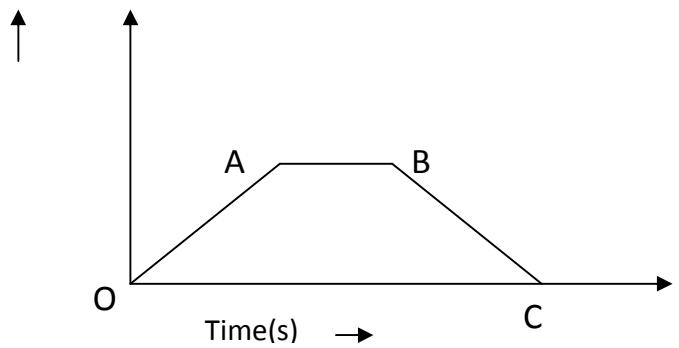
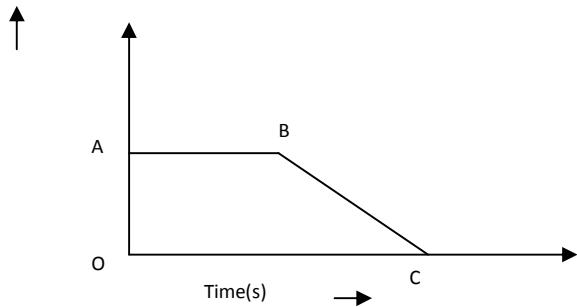
Q4. What does the following velocity-time graph represent?



Q5. A train starting from a railway station and moving with uniform acceleration attains a speed 40 m/s in 10s. Find its acceleration.

Q7. An object moves through a distance. Can it have zero displacement? If yes, support your answer with an example.

Q8. What does the following velocity-time graphs represent?



Q9. Express 6000 meters per minute into m/s?

SOCIAL SCIENCE

Winter Assignment	Class : 9th
SESSION	2015-16
SUBJECT	SOCIAL SCIENCE
ACTIVITY	Individual
Topic	What is the importance of health? Healthy versus unhealthy eating habits Importance of Exercise and balanced diet.
Content Coverage	Research work and summing up the work with personal and individual understanding of the importance and need of leading a healthy lifestyle
Nature of task	Individual
Learning Objectives	To learn and understand about Role of Health in Human Development.
Duration	<i>Winter vacation</i>
Execution of task / Procedure	<p>Research on various health related aspects like need of a healthy lifestyle, various health hazards, the awakening etc is done by the students.</p> <p>They will support their research work with relevant pictures and relevant news lines from the newspapers.</p> <p>The word limit for each section of research work will be 80-100 words.</p> <p>The word limit for the summary will be 100-120 words</p> <p>This will be done on sheets of A4 size paper, inserted in the project file.</p>
Values imparted through the Activities	<p>learn about the need of leading a healthy life and its implications in real life.</p> <p>.</p>

Keeping the above in mind, you can do your research on the following points:

- *Introduction- Meaning and Need for a healthy lifestyle*
- *Various health hazards and their causes*
- *Sedentary lifestyle has led to several easily avoidable diseases like obesity, anxiety, depression, joint pains etc*

- The causes are sedentary lifestyle, lack of open space for physical activities, lack of time and desire for outdoor activities like walking, jogging, cycling, swimming etc, too many electronic gadgets and the attraction of living a virtual life.
- The Awakening
- Metropolitan states like Delhi, Mumbai, Kolkatta, Chennai , all other states and union territories are slowly wakening up and realizing the importance of a healthy and an active lifestyle
- Activities and events Mini Marathon, cycling, walking are being held round the year.
- Healthy eating

Winter Assignment	Class : (9 th)
SESSION	2016
SUBJECT	SOCIAL SCIENCE
ACTIVITY	Individual
Topic	<i>Electoral Politics</i>
Content Coverage	<i>Role of Election Commission of India in conducting elections</i>
Nature of task	Individual
Learning Objectives	Understanding of : a. Party symbols b. Constituency c. Party manifesto
Duration	Winter vacation
Execution of task / Procedure	<p>The student will do the following on A4 sheets :-</p> <p>a. Make their own symbol. b. Create a name for their political party. c. Write a five point Election Manifesto. d. Plan their Election Campaign.</p> <p>2) The students will take up any decision taken by any political leader and examine its impact on the people of Kashmir.</p> <p>For example</p> <ul style="list-style-type: none"> • Knocking down of constructions and trees on the banks of the river Jhelum. • Implementation of Food security Act.
Values imparted through the Activities	Students will learn the importance of election campaign through party symbols and manifesto.