

KENDRIYA VIDYALAYA THIRUVANNAMALAI
HOLIDAY HOME WORK FOR ALL SUBJECTS

21-10-2020 TO 31-10-2020

CLASS 9

ENGLISH

This assignment should be done in A4 sheet. The A4 should be used one side only. It is advised to maintain a title page also.

1. You are aware that despite of the measures taken by the central government and state governments to control Covid-19 situation man is posing threat to his own existence by not wearing mask and maintaining social distancing. Write an article about it in not more than 150 words.
2. Imagine you become invisible. How will you be helpful for the society by helping the needy on the basis of humanitarian ground. Word limit 150.
3. Kindly maintain a **stress diary** for 10 days (during holidays) to maintain your mental health by transferring all your problems into words.

BIOLOGY

1. Which of these diseases is/are caused by virus ? A) Typhoid B) SARS COV2 C) Tuberculosis D) Cholera
2. The BLOOD vessels are lined or protected by A) Cuboidal epithelium B) Striated muscle C) Squamous epithelium D) Columnar epithelium
3. Why viral diseases are difficult to treat than bacterial infections?
4. Mitochondria is regarded as 'Power house of the cell'. Justify
5. Why were you vaccinated during your childhood?

HINDI

कक्षा :- नवीं (9th)

विषय :- हिंदी (Hindi)

शिक्षक :- डाँवरारामईणखिया ,

परास्नातकशिक्षकहिंदी

1. पढ़ायेगएसभीपाठोंसेप्रत्येकपाठसे 5 -5 बहुविकल्पीय (Objective Type)

प्रश्नोत्तरतैयारकरना।या Or पढ़ायेगएसभीपाठोंमेंसेकिसीएकपाठकीपीपीटी PPT तैयारकरना, जिसमेंपाठसारांशकेसाथ- साथप्रश्नोत्तरकोशामिलकियाजाए।

2. प्रत्येकदिनहिंदीभाषासेजुड़े 10

व्यावहारिकशब्दोंकोअपनीनोट्समेंलिखकरयादकरनाहैं।

PHYSICS

Solve the following questions –

1. A driver of a car travelling at 36 km/h applies the brakes and accelerates uniformly in the opposite direction. The car stops in 5 s. Another driver going at 72 km/h in another car applies his brakes slowly and stops in 10 s. On the same graph paper, plot the speed versus time graphs for the two cars. Which of the two cars travelled farther after the brakes were applied?
2. A motorboat starting from rest on a lake accelerates in a straight line at a constant rate of 8.0 m s^{-2} for 10 s. How far does the boat travel during this time?
3. An object of mass 60 kg is accelerated uniformly from a velocity of 5 m s^{-1} to 8 m s^{-1} in 12 s. Calculate the initial and final momentum of the object. Also, find the magnitude of the force exerted on the object.
4. A hockey ball of mass 500 g travelling at 10 m s^{-1} is struck by a hockey stick so as to return it along its original path with a velocity at 5 m s^{-1} . Calculate the change of momentum occurred in the motion of the hockey ball by the force applied by the hockey stick.
5. How much momentum will a dumb-bell of mass 10 kg transfer to the floor if it falls from a height of 80 cm? Take its downward acceleration to be 10 m s^{-2} .
6. What happens to the force between two objects, if
(i) the mass of one object is doubled?
(ii) the distance between the objects is doubled and tripled?
(iii) the masses of both objects are doubled?

CHEMISTRY

Holiday home work for class ix chemistry

1. Describe Bohr's model of atom
2. what are isotopes and isobars
3. How many maximum number subshells, orbitals and electrons in fifth orbit
4. what are the limitations of J J Thomson model of an atom

SANSKRIT

केंद्रीयविद्यालयतिरुवन्नामलै(चेन्नईसंभाग)
शीतकालीनअवकाशगृहकार्य

विषय-संस्कृत, कक्षा-9

1. पाठ 1 से 5 तकके शब्दार्थलिखिए
2. रमावबालकशब्दकेरूपलिखिए
3. पाठ 1 से 5 तकके (एकपदेन) प्रश्न-उत्तरलिखिए
4. पठ्धातुलट्लकार (वर्तमानकाल) केरूपलिखिए
5. 6 कारकोंकेनामऔर 7 विभक्तियोंकेनामलिखिए
6. 1 से 100 तकसंस्कृतगिनती (counting) लिखिए
7. पढ़ायेगयेसमस्तपाठोंकाहिन्दीअनुवाद वप्रश्नोत्तरयादकरें।

विषयअध्यापक
मुकेशकुमार

Social science

Class 9

1. The Russian Revolution (200 words)
2. Why do we need a constitution (200 words)
3. Describe unemployment (200)
4. The Indian monsoon (200)

MATHEMATICS

1. Draw square root spiral
2. Write algebraic identities from Polynomials.
3. Write all the chapter's names from Class-IX mathematics NCERT text book.
4. Length, breadth and height of a cuboidal tank are $(x-3y)$ m, $(x+3y)$ m and $(x^2 + 9y^2)$ respectively. Find the volume of the tank
5. Vikas has Rs. $(x^2 - 3x + 5)$. He wants to buy chocolates each of cost Rs. $(x-3)$. After buying maximum number of chocolates with his money, how much money is left with him?
6. Write multiplication table upto 20×20
7. Write Square tables upto 302
8. Write Cube tables upto 123
9. Write all the Laws of exponents and Laws of radicals

10. Draw square, rectangle, Circle, Triangle, Trapezium, Parallelogram, Rhombus, Right angled triangle and semi circle. Then write Perimeter and Area formula for all the shapes

Stay at home
* WIN Covid-19*

