

# केन्द्रीय विद्यालय वायुसेना स्थल , समाणा

## ग्रीष्मकालीन अवकाश गृहकार्य

### विषय -हिन्दी

#### कक्षा -नवमी ( IX )

- 01 अपठित दो गद्यांश व पद्यांश को एक वाक्य उत्तर , पूर्णवाक्य उत्तर व निर्देशानुसार उत्तर के आधार पर लिखे ।
02. आपके क्षेत्र में मलेरिया का प्रकोप फैला है । अतः रोकथाम के लिए उचित उठाये जाने हेतु नगरपालिका अध्यक्ष को पत्र लिखे ।
03. आपकी आर्थिक स्थिति दयनीय है । आप अपने विद्यालय की शुल्क भरने में असमर्थ है । शुल्क मुक्ति हेतु प्राचार्य को प्रार्थना पत्र लिखे ।
04. किसी एक विषय पर निबन्ध लिखो ( 200-250 )
05. प्रेमचन्द का सामान्य परिचय सचित्र लिखे ।
06. तत्पुरुष समास का सामान्य परिचय भेदों के साथ लिखे एवं प्रत्येक के पाँच-पाँच उदाहरण संकलित करे

#### ENGLISH HOLIDAY HOMEWORK

CLASS : 9 STD

1 TEXTUAL QUESANS OF THREE LESSONS TAUGHT IN APRIL

2 POEM SUMMARY (2 POEMS)

3 FORMAL LETTER (ANY TWO)

4 EDITING (2 EXAMPLES)

5 OMISSION (2 EXAMPLES)

## 6 JUMBLE WORDS (2 EXAMPLE)

### CLASS IX (MATHEMATICS) HOLIDAY HOME WORK

- 1) SOLVE 3 QUESTIONS FROM EACH EXERCISE UP TO CHAPTER 1
- 2) PREPARE ANY WORKING MODEL OF MATHEMATICS ON THE TOPIC  
PYTHOGORUSTHEOREM,RELATION BETWEEN AREA OF TRIANGLE AND PARALLELOGRAM  
HAVING SAME BASE AND PARALLEL LINES,ETC.

### KENDRIYA VIDYALAYA AFS SAMANA

### HOLIDAY HOME WORK

#### SCIENCE

#### BIOLOGY

#### Long Answer Questions (Carrying 5 marks each)

1. Describe with a diagram the fluid mosaic organisation of the plasma membrane.
2. Draw a well labelled diagram of animal cell and mention one function of the main cell organelles.
3. Give an illustrated account of nucleus.
4. Write short note on the following :  
(a) Golgi apparatus (b) Mitochondria

#### CHEMISTRY

#### Long Answer Type Questions

- 1 (a) Define the term 'latent heat of fusion' of a solid. How much is the latent heat of fusion of ice ?  
(b) Draw a labelled diagram of the experimental set-up to study the latent heat of fusion of ice.
- 2 (a) Define the term 'latent heat of vaporisation' of a liquid. What is the value of the latent heat of vaporisation of water ?  
(b) Draw a labelled diagram of the experimental set-up to study the latent heat of vaporisation of water.
- 3 (a) What is sublimation ? Name two substances (other than ammonium chloride) which undergo sublimation.  
(b) Draw a labelled diagram of the experimental set-up to demonstrate the sublimation of ammonium chloride.
- 4 (a) What are the two ways in which the physical states of matter can be changed ?  
(b) Draw the 'states of matter triangle' to show the interconversion of states of matter.  
(c) How can the evaporation of a liquid be made faster ?
- 5 (a) What is evaporation ? State the various factors which affect evaporation.  
(b) Why does evaporation cool a liquid ?

#### PHYSICS

### Long Answer Type Questions

- 1 (a) Explain the meaning of the following equation of motion :  
$$v = u + at$$
where symbols have their usual meanings.  
(b) A body starting from rest travels with uniform acceleration. If it travels 100 m in 5 s, what is the value of acceleration ?
- 2 (a) Derive the formula :  $v = u + at$ , where the symbols have usual meanings.  
(b) A bus was moving with a speed of 54 km/h. On applying brakes it stopped in 8 seconds. Calculate the acceleration.
- 3 (a) Derive the formula :  $s = ut + \frac{1}{2}at^2$ , where the symbols have usual meanings.  
(b) A train starting from stationary position and moving with uniform acceleration attains a speed of 36 km per hour in 10 minutes. Find its acceleration.
- 4 (a) Write the three equations of uniformly accelerated motion. Give the meaning of each symbol which occurs in them.  
(b) A car acquires a velocity of 72 km per hour in 10 seconds starting from rest. Find (i) the acceleration, (ii) the average velocity, and (iii) the distance travelled in this time.
- 5 (a) What is meant by uniform circular motion ? Give two examples of uniform circular motion.  
(b) The tip of seconds' hand of a clock takes 60 seconds to move once on the circular dial of the clock. If the

Also draw 20 important diagrams from the full text book.

**CLASS:- IX**

**SUBJECT SOCIAL SCIENCE**

**1. Map work:-**

- In the world map fill all the European and Asian countries.
- In the map of India Locate capital and states.
- The island groups of India the State through which tropic of cancer passes, union territories of India, The main rivers of India, different relief features of India, Mansson winds in India.

**2. Write 10 questions of 01 marks each(very short answer) and 03 questions of 05 marks each (long answer) from the chapters that war finished)**