

Summer vacation work 2018

Class - IX

Math :- complete number system and co-ordinate geometry

From NCERT (Use copy)

Physics: - prove three equations of motion by algebraic and graphical method and write all formula. From chapter motion

Maths :- proof identities:-[10]

$$(1) (a+b)^2 = a^2 + 2ab + b^2$$

$$(2) (a-b)^2 = a^2 - 2ab + b^2$$

$$(3) (a-b)(a+b) = a^2 - b^2$$

$$(4) (a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$$

$$(5) (a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$$

On A4 paper.

Gsc :-

(1) Write about the historical background of a cell.

On A4 paper.

(2) Draw on a cardboard, the diagram of heart or alimentary canal.

(3) Make an investigatory report on bad effects of cold drink.

Or

Pollution .in 500 word on a4 paper

(4) Prepare a model of lungs on thermocol.

(5) Write the biological names of 10 organisms.

sst:-

1. Write a detailed amount of two national political parties in 300 words each in your own words.
2. Draw large physical map on a card board showing all the major physical features of India fitting the different features with proper colours.

English

1. Write a detailed amount on 'William words works' in 300 – 500 words in your own words.
2. Write an essay on 'importance of hygiene in life' in 250- 300

Hindi

1. "फणीश्वरनाथ रेणु" का जीवन परिचय, देते हुए उनकी प्रमुख रचनाओं को लिखें तथा उनका एक सुन्दर सा चित्र चिपकावे ।
2. " महादेवी वर्मा ने अपनी लेखन क्षमता से गद्गंश और पदय हिंदी साहित्य की दोनों विधाओं को परिपुष्ट किया है ।" सिद्ध करें । साथ ही उनकी एक सुन्दर सी तस्वीर से अपने उत्तर को सुशोभित करें ।