

Summer Vacation H.W. 2017-18

class - X

1. English • Describe the place, you visited in summer holidays, in 150-200 words.

• Summarize Drama-2, in the form of a flow chart. W.W. 150-200

2. Hindi —

- ग्रीष्म अवकाश में अपने लिए एक समय सारिणी बनाते हुए अपनी कार्य योजना लिखिए।
- अपने दादा / दादी / नाना / नानी को ई एक से मिलकर उनकी रुचियाँ, पढ़ाई, नौकरी, आदतें, विचार तथा भावों पर चर्चा कीजिए। प्राप्त जानकारी तथा उनका स्नेह व आपके लगाव की कुछ घटनाओं सहित वर्णन करते हुए उनका शब्द चित्र / संस्मरण तैयार करके लिखिए।

3. Science :-

Physics :- List the appliances used in your house under the heading of 5W to 15W electric power ratings if these appliances used for 24 hours. Find the energy consumption in units (kWh).

Chemistry :- Search and write chemical reactions from ch-3 (metals and Non-metals) in which combination, decomposition, displacement and double-displacement reactions take place.

Biology :- Back side

S.Sc. 1. Draw & colour Credit card & write about its importance.

2. India Political map, fill & paste soil of India write about the state where they are found.

P.T.O

Mathematics:- ① Draw the factor tree for the numbers.
660, 504, 14976

② Draw the graphs for the polynomials.

(i) $P(x) = x^3 - 1$ (ii) $P(x) = x^2 - 3x - 4$

Find the zeros of the polynomials by observing the graphs.

③ Find the quadratic polynomials whose zeros are

(i) -1 and 1 (ii) $3\sqrt{2}$ and $-\sqrt{2}$

④ Solve the pair of linear equations for x & y by all three algebraic methods.

(i) $mx - ny = m^2 + n^2$, $x + y = 2m$

(ii) $\frac{bx}{a} - \frac{ay}{b} + (a+b) = 0$, $bx - ay + 2ab = 0$

(iii) $3x - y = 3$, $x - 2y = -4$

Biology - Differentiate between Anaerobic, Aerobic Respiration and fermentation. Diagrammatically represent the breakdown of Glucose in three different ways.