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MODERN ACADEMY SR. SEC. SCHOOL, NAUTANWA- MAHARAJGANJ

HOLIDAY HOME WORK

CLASS- X (2020-21)

Let's Pen the Pandemic: Covid-19

"A dream doesn't become reality through magic. It takes determination and hard work." General instructions:

- Revise the lessons done in all subjects.
- Complete the given Activity work on A4 size sheets, subject wise and keep it in a folder. Remember to write your name and class.

English

- Q.1 Write a letter to the principal of your school, requesting permission to attend a special book reading session.
- Q.2 Write a paragraph on each of these topics.[Not more than 80Words]
- (a) Your school (b) The importance of water (c) Your favorite Song or Game.
- Q.3 Revise all three tenses with an Example.

[Present, Past and Future]

- Q.4 Revise all these topics; Models, Active and Passive voice, and Direct- Indirect. We have already done these topics in previous classes.
- Q.5 Write the summary of 'A Letter to God' and 'Nelson Mandela' from your English book (first flight).
- Q.6. Write the Crux of (Ch. 2) 'The Thief's Story' from your English book (Footprints without Feet).
- Q.7. Write a speech on the topic COVID- 19 Coronavirous). [100 150 words]

Hindi

- 1.सूरदास और तुलसीदास का जीवन परिचय चार्ट पेपर पर लिखे?
- 2. नेताजी का चश्मा पाठ का सारांश लिखे।
- 3. वाच्य और वाक्यके अभ्यास के सभी प्रश्नों को करे।।
- 4.निबंध लिखे।
- a. समाज मे नारी की बदलती भूमिका
- b.कम्प्यूटर आज की आवश्यकता
- c.बाल मेजदूरी एक अभिशाप

Maths

- 1. State and prove all the four THEOREMS from chapter triangle (B.P.T, Similarly, Pythagoras theorem and it's converse.
- 2.Learn all the formula related algebra, A.P. menstruation statistics & trigonometry.
- 3 .Solve all the taught chapter in home work copy.
- 4. Show the conditions for consistency of a linear equations in two variables by graphical method.
- 5. To verify that the sum of n natural numbers is n(n+1)/2, by graphical method.

Science

Biology

- 1- Write and learn NCERT Q /A of chapter 1.
- 2.write assignment on Corona virus, digestive system, blood circulatory system excretory system, Photosynthesis. (only one topic) In your note book.

Answer the Following Questions:-

- ${f Q.1}$ Explain the Following terms:-
- (i) Combination reaction
- (ii) Decomposition reaction
- (iii) Displacement reaction
- (iv) Exothermic & Endothermic reaction with suitable example
- (v) Double displacement reactions
- **Q.2** What is a balanced chemical equation? Why should chemical equations be balanced?
- ${f Q.3}$ Translate the following statements into chemical equation and then balance them.
- (i) Hydrogen gas combines with nitrogen to from ammonia.
- (ii) Hydrogen supplied gas burns in air to give water and sulphur dioxide
- (iii) Barium chloride reacts with aluminum sulfate to give aluminum chloride and a precipitate of barium sulfate.
- **Q.4** Balance the following chemical equations:-
- (a) $HNO_3 Ca(OH)_2 \longrightarrow Ca(NO_3)_2 + H_2O$
- (b) NaOH + H_2SO_4 \longrightarrow Na₂SO₄ + H_2O
- (c) NaCl + AgNO₃ \longrightarrow Agcl + NaNO₃
- (d) $Bacl_2 + H_2SO_4 \longrightarrow BaSO_4 + Hcl$
- Q.5 Why is respiration considered as an exothermic reaction? Explain.
- Q.6 Why should curd and sour substances not be kept in brass and copper vessels.
- Q.7Metal compound a reacts with dilute hydrochloric acid produce effervescence. The gas evolved extinguishes a burning candle. Write a balanced chemical equation for the reaction if one of the compounds formed is calcium chloride.

Social Science

(Civics)

- 1. Why power sharing is desirable?
- 2. Write the forms of power sharing.
- 3. Write the features of federalism.
- 4. What makes India a federal country?
- 5. Learn and write of NCERT questions chapter 1 & 2.
- 6. What do you mean by Decentralization in India?

NOTE: FOR ANY QUERY CONSULT YOUR SUBJECT TEACHER'S
