St. Vivekanand Public School Sadabad

Class: X   **Date: 05-01-2023**

S.No	Subject	Questions/Assignment /Paragraphs/Phrase
1	English	Chapter 2 (Nelson Mandela Long Walk to Freedom) A - Answer the following questions in 30 to 40 words each. 1. How did Mandela's hunger for freedom change his life? 2. Why was 10th of May, 1994 a red letter day in the history of South Africa? 3. After achieving political emancipation what does Mandela want to do in South Africa? b. Answer following question in about 100-120 words. 1.Which twin obligation does Nelson Mandela mention in the lesson and why were he and the rest of blacks not able to fulfill those obligation?
2	Maths	Q.(1) Prove that $\sqrt{3} + \sqrt{5}$ is an irrational number. Q.(2) Three sets of physics, chemistry and mathematics books have to be stacked in such a way that all the books are stored topic wise and the number of books in each stack is the same. The number of physics books is 192, the number of chemistry books is 240 and the number of mathematics books is 168. Determine the number of stacks of physics, chemistry and mathematics books. Q.(3) Two alarm clocks ring their alarms at regular intervals of 50 seconds and 48 seconds if they first beep together at 12 noon, at what time will they beep again for the first time?
3	Hindi	प्रश्न- 1) मैं क्यों लिखता हूँ ? का लेखक ने क्या उत्तर दिया ? प्रश्न- 2) हम सब नदियों और पर्वतों के ऋणी हैं! कैसे ?
4	Science	Q.1 Draw a diagram to show how white light can be dispersed in to spectrum by using a glass prism . Mark the various colour of the spectrum Q.2. a. What is mean by catenation? Name two elements which exhibit property of catenation? b. Write the name and structural formula of all the possible isomers Hexane Q.3. Write an aquatic food chain.
5	SST	Q1 Explain how had the print culture change the ways of women's life in late 19th century in India. Q2 print not only is stimulated the publication of conflicting opinion among communities, but it also connected communities and people in different parts of the India. Explain it.
6	Computer	Q.(1) Diff. Between rowspan and colspan. Q.(2) What do you understand by digital divide and digital unite.

Principal