6- There are 500 children in a school. For a P.T. drill they have to stand in such a manner that the number of rows is equal to number of columns. How many children would be left out in this arrangement.

7- Find the smallest number by which 1323 may be multiplied so that the product is a perfect cube.

8- The squares of which of the following would be odd numbers?
   (i) 43   (ii) 2826

9- Observe the following pattern and supply the missing numbers.
   $11^2 = 121$
   $101^2 = 10201$
   $10101^2 = 102030201$
   $1010101^2 = \ldots\ldots$
   $\ldots\ldots^2 = 10203040504030201$

10- Express 121 as the sum of 11 odd numbers.

Our Institutes

⇒ **NEW STANDARD PUBLIC SCHOOL SENIOR SECONDARY SCHOOL**
   Tripula, Raebareli

⇒ **NEW STANDARD BALIKA VIDYA MANDIR**
   Semri Kothi, Super Market, Raebareli

⇒ **NEW STANDARD PUBLIC SCHOOL INTERMEDIATE COLLEGE**
   Baba Devadas Ashram, Salethu, Maharjagnj, Raebareli

⇒ **NEW STANDARD PUBLIC SCHOOL**
   Bagha, Salon, Raebareli

⇒ **NEW STANDARD PUBLIC SCHOOL**
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   Salethu, Maharajganj, Raebareli

⇒ **NEW STANDARD ACADEMY**
   Super Market, Raebareli

Note: Admission open for B.A. and B.Sc. for 2023-24

8-4

Note:1- All the written work is to be done in the fair note book.

      2- Prepare in all subject taught topics for test just on reopening of the school.

हिन्दी—

1. किसी हिन्दी समाचार पत्र से प्रतिदिन एक पृष्ठ सुलेख 20 पृष्ठ की रफ कॉपी बनाकर लिखिए। (केवल 15 पृष्ठ)

2. मोहल्ले में जल भराव की समस्या के निवारण हेतु नगर पालिका अध्यक्ष को पत्र लिखिए। (व्याकरण की अभ्यास पुस्तिका पर)

3. सर्वनाम और विशेषण के भेदों की परिभाषा उदाहरण सहित कंठस्थ कीजिए।

4. वसंत पाठ्य पुस्तक से पाठ 1 'लाख की चूड़ियाँ' में प्रयुक्त व्यक्तिवाचक, जातिवाचक तथा भाववाचक संज्ञा शब्दों को छाँटकर तालिका बनाइये। (व्याकरण की अभ्यास पुस्तिका पर)

ENGLISH-

1- Reader – Read Lesson - 2 completely and sort out word - meanings and Part of Speech from the page -29 only.

2- Write a letter to the editor of a newspaper expressing your views on corporal punishment in schools.

3- Write a paragraph in about 100 words on any one of the sight which you recently visited in this summer vacation.

SOCIAL SCIENCE-

1- To learn all taught syllabus related to I Periodic Test 2023,of History, Geography and Civics.

2- Explain in details about soil profile. Draw the figure of soil profile given on page no.131 of S.st textbook.

3- In a political map of India show the following

[A] (i) Nagpur   (ii) Ahemdabad   (iii) Kolkata   (iv) Mysore

[B] (i) Narmada River   (ii) Tapi River

[C] Union territories and their capitals.

SCIENCE-

1- Asha went to visit her grandfather in his village. He was having a serious discussion with his fellow members regarding the productivity level of crops for present year. They all were worried about how to increase the productivity of crop Asha listened to this and then suggested to the group that the reason may be decreased level of minerals in soil. She told her grandfather to plant crops like pulses, gram, beans, etc., for a year then follow with regular crops. This will increase the crop productivity.

(a) What will you name the process suggested by Asha? Why is there decrease in crop productivity?

(b) What are noted benefits of this process? Will the results be as what Asha expressed?

(c) What values are shown by Asha?

2- Collect some pictures of that sport in action where friction is either supporting it or opposing it. Display these pictures with proper captions in your copy?

COMPUTER-

1- What do you mean by cloud computing? Differentiate between Public and Private cloud.

2- What is Chatbot? Explain its applications.

3- What is database? Explain its types.

4- Name any 5 online shopping websites. Also explain the method of payment in it.

संस्कृत—

1. अपनी अभ्यास पुस्तिका से प्रथमः एवं द्वितीयः पाठ के प्रश्नोत्तर याद कीजिए।

2. उच्चारण स्थानों के सूत्र याद कीजिए।

3. हरि और नदी शब्द के रूप याद कीजिए।

4. अपनी पाठ्य—पुस्तक से कोई तीन श्लोक याद कीजिए।

MATHS-

1- Multiply $\frac{5}{8}$ by the reciprocal of $\frac{-3}{8}$.

2- Find a rational number between $\frac{1}{2}$ and $\frac{1}{3}$.

3- One-third of a group of people are men. If the number of women is 200 more than the men, find the total number of people.

4- Write a Pythagorean triplet whose one member is.

(i) 6   (ii) 14   (iii) 16   (iv) 18

5- A gardener has 1000 plants. He wants to plant these in such a way that the number of rows and the number of columns remain same. Find the minimum number of plants he needs more for this.