II Language (Tamil)

Write a paragraph (not less than 100 words) about life – its expectation, etc. (in Hindi), prepare a chart for poem-1 on your imagination.

English

1. Frame 10 sentences by using the modal verbs. (which is given in the MCB book in P.no 5)

2. Imagine that you are the girl in the story (The eyes are not here) and write a letter to your parents describing the meeting with the two men and the experiences you had when you were there with your aunt in Saharanpur and about your journey.

3. Write the story in the form of conversation. Write the conversation in the form of dialogues between the girl and the author.

Maths

1. Write the tables from 1 to 20.

2. Find the squares of 1 to 20 and the square root of the solution respectively

   (Hint:  \(1^2 = 1 \times 1 = 1\) \(\sqrt{1} = \sqrt{1 \times 1} = 1\)  
   \(2^2 = 2 \times 2 = 4\) \(\sqrt{4} = \sqrt{2 \times 2} = 2\)  
   \(3^2 = 3 \times 3 = 9\) \(\sqrt{9} = \sqrt{3 \times 3} = 3\)  
   \(4^2 = 4 \times 4 = 16\) \(\sqrt{16} = \sqrt{4 \times 4} = 4\)  
   \(5^2 = 5 \times 5 = 25\) \(\sqrt{25} = \sqrt{5 \times 5} = 5\)  
   \(6^2 = 6 \times 6 = 36\) \(\sqrt{36} = \sqrt{6 \times 6} = 6\)  
   \(7^2 = 7 \times 7 = 49\) \(\sqrt{49} = \sqrt{7 \times 7} = 7\)  
   \(8^2 = 8 \times 8 = 64\) \(\sqrt{64} = \sqrt{8 \times 8} = 8\)  
   \(9^2 = 9 \times 9 = 81\) \(\sqrt{81} = \sqrt{9 \times 9} = 9\)  
   \(10^2 = 10 \times 10 = 100\) \(\sqrt{100} = \sqrt{10 \times 10} = 10\)  
   \(11^2 = 11 \times 11 = 121\) \(\sqrt{121} = \sqrt{11 \times 11} = 11\)  
   \(12^2 = 12 \times 12 = 144\) \(\sqrt{144} = \sqrt{12 \times 12} = 12\)  
   \(13^2 = 13 \times 13 = 169\) \(\sqrt{169} = \sqrt{13 \times 13} = 13\)  
   \(14^2 = 14 \times 14 = 196\) \(\sqrt{196} = \sqrt{14 \times 14} = 14\)  
   \(15^2 = 15 \times 15 = 225\) \(\sqrt{225} = \sqrt{15 \times 15} = 15\)  
   \(16^2 = 16 \times 16 = 256\) \(\sqrt{256} = \sqrt{16 \times 16} = 16\)  
   \(17^2 = 17 \times 17 = 289\) \(\sqrt{289} = \sqrt{17 \times 17} = 17\)  
   \(18^2 = 18 \times 18 = 324\) \(\sqrt{324} = \sqrt{18 \times 18} = 18\)  
   \(19^2 = 19 \times 19 = 361\) \(\sqrt{361} = \sqrt{19 \times 19} = 19\)  
   \(20^2 = 20 \times 20 = 400\) \(\sqrt{400} = \sqrt{20 \times 20} = 20\)  

3. Find the cubes of 1 to 10 and the cube root of the solution respectively

   (Hint:  \(1^3 = 1 \times 1 \times 1 = 1\) \(\sqrt[3]{1} = \sqrt[3]{1 \times 1 \times 1} = 1\)  
   \(2^3 = 2 \times 2 \times 2 = 8\) \(\sqrt[3]{8} = \sqrt[3]{2 \times 2 \times 2} = 2\)  
   \(3^3 = 3 \times 3 \times 3 = 27\) \(\sqrt[3]{27} = \sqrt[3]{3 \times 3 \times 3} = 3\)  
   \(4^3 = 4 \times 4 \times 4 = 64\) \(\sqrt[3]{64} = \sqrt[3]{4 \times 4 \times 4} = 4\)  
   \(5^3 = 5 \times 5 \times 5 = 125\) \(\sqrt[3]{125} = \sqrt[3]{5 \times 5 \times 5} = 5\)  
   \(6^3 = 6 \times 6 \times 6 = 216\) \(\sqrt[3]{216} = \sqrt[3]{6 \times 6 \times 6} = 6\)  
   \(7^3 = 7 \times 7 \times 7 = 343\) \(\sqrt[3]{343} = \sqrt[3]{7 \times 7 \times 7} = 7\)  
   \(8^3 = 8 \times 8 \times 8 = 512\) \(\sqrt[3]{512} = \sqrt[3]{8 \times 8 \times 8} = 8\)  
   \(9^3 = 9 \times 9 \times 9 = 729\) \(\sqrt[3]{729} = \sqrt[3]{9 \times 9 \times 9} = 9\)  
   \(10^3 = 10 \times 10 \times 10 = 1000\) \(\sqrt[3]{1000} = \sqrt[3]{10 \times 10 \times 10} = 10\)
4. Without actually adding
   a) $1+3+5+7+9=\
   b) $23+77=\
   c) $87 + 13 =\
   d) $11+13+15+17+19=\

5. The product of two numbers is 3276. If their HCF is 6, find the LCM

6. Find the HCF and LCM 45, 99, 132, and 165.

**Science**
1. Write a note of the four types of micro-organisms and the diseases caused by them.
2. Create a report on “pulse polio programme” launched by the government of India

**Social Science**

History:
Map Skill_ In an outline map of India locate the region where the three Karnatic wars fought between the British and French forces. Prepare an Album Of Sources Of Modern Indian History.

Geography:
Prepare an Album for a) Natural and man made resources. b) Renewable and Nonrenewable Resources. c) Sources of Water.
Draw And Colour the diagram of Soil profile in a chart.
Make a Modal of Rain Water Harvesting.