(i) What is the different between the number of students passed with 30 as cut-off marks in Chemistry and those passed with 30 as cut-off marks in aggregate?

(ii) If at least 60% marks in Physics are required for pursuing higher studies in Physics, how many students will be eligible to pursue higher studies in Physics?

(iii) The percentage of number of students getting at least 60% marks in Chemistry over those getting at least 40% marks in aggregate, is approximately?

(iv) The number of students scoring less than 40% marks in aggregate is?

(v) If it is known that at least 23 students were eligible for a Symposium on Chemistry, then the minimum qualifying marks in Chemistry for eligibility to Symposium would lie in the range?

(b) Write a leave application to the Principal of your college as you have some vital work at and you want to go for a half-day on urgent basis. (10)
(c) Make sentences with the following idioms:
   i. An apple of discord
   ii. Catch someone red-handed
   iii. Once in a blue moon
   iv. An apple of one’s eyes
   v. Keep an eye on something/somebody
(d) Make one word with the following prefixes and suffixes:
   i) Pre- ii) Ultra- iii) –ful iv) –worthy v) –tion

3. Write the correct form of verb given in the bracket in the following sentences:  
   (10)
   i. The sun (rise) in the east.
   ii. I (go) to my friend’s home today.
   iii. It (rain) since morning.
   iv. Sweta (come) to my home yesterday.
   v. The patient (died) before the doctor (come).
   vi. I thing India (win) the match tomorrow.
   vii. We (go) to Agara tomorrow.
   viii. I (stay) here till Sunday.
   ix. He (wait) for you at the college gate.
   x. I (leave) for Kolkata tomorrow.

(b) Punctuate the following paragraph:  
10*1=10
my heart leaps up when i behold a rainbow in the sky wrote william wordsworth the famous poet and most of us share his feelings when we are lucky enough to see a rainbow there is an old saying that a pot of gold is buried at the end of the rainbow but have you ever tried to reach a rainbows end of course its impossible because a rainbow is really just the result of the raindrops refracting and reflecting light from our sun there are seven colors in the rainbow red orange yellow green blue indigo and violet

4. (a) Write the IPA Symbols of any 20 Consonants Sounds with example.  
   (10)
   (b) Transcribe the following words:  
   (10)
   Fight, Early, Know, Boy, Kite, Kind, Hand, Thin, Learn, Sheet

SECTION-B

5. (a) Write a paragraph on your favorite historical place (300 words).  
   (10)
   (b) Fill in an article (THE, A, AN) where necessary – or leave blank!

   i. ______ Teachers are like ______ weather, one minute they’re good, ______ other they’re bad.
   ii. Jake took out ______ beer opened it and drank ______ cold beer from ______ bottle. ______ beer always tasted better from ______ bottle.
   iii. She is on ______ diet, so she ordered ______ calorie-free dinner.
   iv. We’d like to have ______ wedding in ______ early fall, in early October if possible.
   v. Emma’s eyes rested on ______ letter. Here was ______ opportunity she had been waiting for.

   (ii) Fill in the blanks with correct Prepositions:
   a) I know that you suffer _____ a serious cold, take this medicine.
   b) Please, wait _____ me.
   c) I am not accustomed _____ such behavior.
   d) I forgot to thank you _____ your assistance.
   e) Children should not talk _____ each other during the lesson.

6 (a) What will be the impact on the earth’s climate in case there is a nuclear war?  
   (10)
   (b) The 1945 bombing of Hiroshima and Nagasaki “provide no precedents” for calculating the after effects of a nuclear war holocaust. Why?  
   (10)

7. (a) Study the following table and answer the questions.  
   (10)
   Classification of 100 Students Based on the Marks Obtained by them in Physics and Chemistry in an Examination.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Marks out of 50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40 and above</td>
</tr>
<tr>
<td>Physics</td>
<td>9</td>
</tr>
<tr>
<td>Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>Average</td>
<td>7</td>
</tr>
<tr>
<td>(Aggregate)</td>
<td>7</td>
</tr>
</tbody>
</table>

1211023-P-2-Q-7 -2- Contd....