



## Home Assignment - II

Class - X RBSE

### Science

1. What is antibody ?
2. What is antigen ?
3. What are the two types of Defence Mechanism ?
4. Write three examples of weak Acid.
5. Acid + Base  $\rightarrow$  ..... + .....
6. Metal oxide + Acid  $\rightarrow$  ..... + .....
7. If acid is strong and base is weak then, what will be the nature of salt made by these acid and base ?
8. Write the properties of NaCl.
9. How can we prepare caustic soda ?
10. What is the chemical name of bleaching powder ?
11. Write the two daily life uses of PH scale.
12. Who propounded PH scale ?
13. Write the uses of baking soda.
14. Make a diagram of antibody (Labelled).
15. Write the importance of organ donation.
16. What would happen if acid is reacted with metal ? Explain with diagram.

### SST

Answer the following questions :-

1. Which are the major mahajanpadas of Rajasthan ?
2. Explain the administration system of Maurya empire.
3. Write a note on Chandragupta Maurya.
4. Write a note on King Ashok Maurya.
5. Explain the marxist theory of democracy.
6. Mention the condition required for success of democracy.
7. Describe the process of election of the president of India in detail.
8. Mention the functions and powers of the speaker of Lok Sabha.
9. Define government and mention its importance.
10. Write a brief note on the central council of ministers.

### Maths

1. Find the median and mode of the following frequency distribution.

<i>C.I</i>	Oct-25	25-40	40-55	55-70	70-85	85-100
<i>f</i>	6	20	44	26	3	1

2. Find mean and mode of the following frequency distribution.

<i>C.I</i>	20-30	30-40	40-50	50-60	60-70
<i>f</i>	4	28	42	20	6

3. The mean of the following distribution is 62.8 and sum of all frequencies is 50. Complete the missing frequencies F1 and F2.

<i>C.I</i>	0-20	20-40	40-60	60-80	80-100	100-120
<i>f</i>	5	f1	10	f2	7	8

4. Find the mean, mode and median of the following data.

<i>C.I</i>	0-10	10-20	20-30	30-40	40-50	50-60	60-70
<i>f</i>	5	10	18	30	20	12	5

5. Find the missing frequencies in the following frequency distribution table, if  $n=100$  and median is 32.

<i>C.I</i>	0-10	10-20	20-30	30-40	40-50	50-60
<i>f</i>	10	f1	25	30	f2	10

6. Find the mode of the following frequency distribution.

<i>C.I</i>	100-150	150-200	200-250	250-300	300-350
<i>f</i>	6	11	21	14	10

7. If the mean of the following data is 53, find the missing frequency P :

<i>C.I.</i>	0-20	20-40	40-60	60-80	80-100
<i>f</i>	12	15	32	P	13

8. Calculate mean using step - deviation method.

<i>C.I</i>	0-50	50-100	100-150	150-200	200-250	250-300
<i>f</i>	17	35	43	40	21	24

9. The mean of the following distribution is 62.8 and the sum of all frequencies is 50. Compute the missing freq f1 and f2.

<i>C.I</i>	0-20	20-40	40-60	60-80	80-100	100-120	Total
<i>f</i>	5	f1	10	f2	7	8	50

10. Find median of the following frequency distribution.

<i>x</i>	3	6	7	10	12	15
<i>f</i>	3	4	13	2	8	10

11. From the following frequency distribution prepare the less than ogive.

<i>C.I</i>	<i>f</i>
0-10	3
10-20	7
20-30	11
30-40	15
40-50	7
50-60	2
60-70	3
70-80	

12. The following table gives the height of trees -

Height	No. of tree
0-10	25
10-20	21
20-30	18
30-40	14
40-50	10
50-60	7
60-70	5

### English

1. Read chapter 4 and chapter 5 of the book “RESOLUTION”, Write the theme for these chapters from your point of view.
2. Read the chapter “PURPLE JAR”, Write the character sketch of ROSAMOND from your point of view.
3. Write the character sketch of Griffin.
4. Write paragraphs on all the topics given below :-
  - \* Save water
  - \* Child labour
  - \* Girl child education

### Sanskrit

1. वयं कस्य शरणं गच्छामः ?
2. सरस्वती कुत्र घन्या ?
3. सरस्वती कां हरतु ?
4. विशालः शाल्मलीतरुः कुत्र आसीत् ?
5. क शङ् दुःखभागिनः भवन्ति ?
6. कः कपोतान् अनुधावति ?
7. भारती सन्ततिः कुत्र निवसन्ति ?
8. देनः कुत्र गतिकानि गायन्ति ?
9. रामाय किं न रोचते ?
10. राष्ट्रे कदा शास्त्र चर्चा प्रवर्तते ?

व्याकरण :-

- |                |                 |
|----------------|-----------------|
| 1. पच् + शतृ   | 2. नी + शतृ     |
| 3. लम् + शानय् | 4. यज् + शानय्  |
| 5. दा + तव्यत् | 6. नम् + तव्यत् |
| 7. भू + अनीयर् | 8. रक्ष् + अकर् |
| 9. वर्तमानः    | 10. हसितव्यः    |

### Hindi

1. तुलसीदास जी का जीवन-परिचय लिखिए।
2. 'लक्ष्मण-परशुराम संवाद' के आधार पर परशुराम के चरित्र की विशेषताएँ लिखिए।
3. 'लक्ष्मण-परशुराम संवाद' का कथासार अपने शब्दों में लिखिए।
4. शिव धनुष भंग होने पर परशुराम क्यों कृपित हो रहे थे ?

Note :-

*All the students are hereby informed that your Assignment - II should be submitted on or before **05 June 2020** on Whats App number of your subject teacher.*

