

**REDUCTION / NON EVALUATIVE PORTION  
FOR ACADEMIC YEAR  
2020 - 21 ONLY**

**Std. 10<sup>th</sup>**  
(English Medium)



# ENGLISH KUMARBHARATI

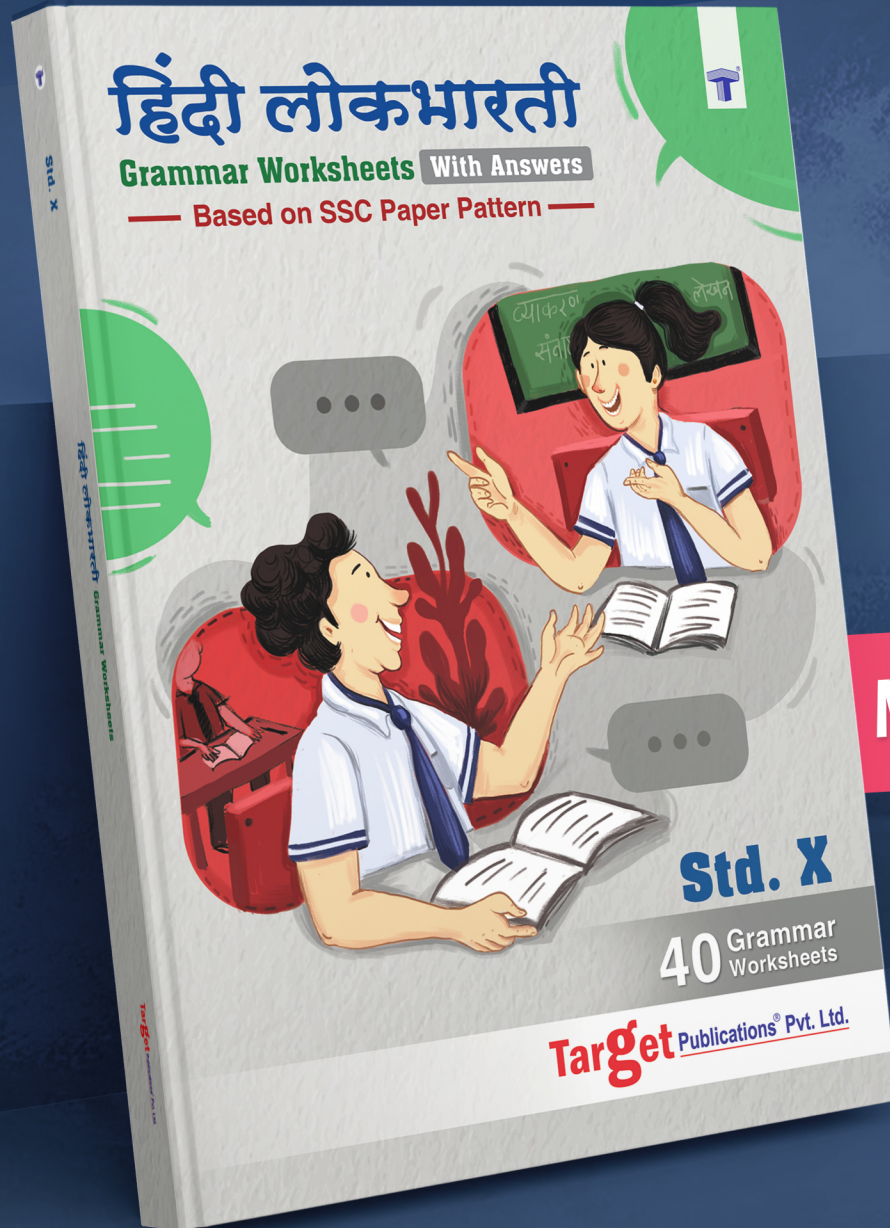


Sr. No.	Unit no.	Name of the Poem/Prose	Activities to be Retained
1.	1.3 (Prose) Informative	On Wings of Courage	Activities – 1 and 2 in Warming Up and Activities – 6, 7, 9, 10 to be retained.
2.	2.6 (Prose) Informative	Science and Spirituality	It's an informative lesson related with Science. Informative lessons are repeated. All the activities are repeated so the whole lesson with all the given activities to be reduced.
3.	3.4 (Poem)	The Will to Win	All the activities given in the poem are repeated so whole poem to be reduced.
4.	4.1 (Poem)	A Thing of Beauty is a Joy For Ever	The Whole poem along with all the activities given to be reduced as all the activities are repeated.
5.	4.6 (Story)	The Gift of Magi	The story is repeated and it's a lengthy story, so it is to be reduced. But activities 10, 11, 12, 13 to be retained.

Total Poems to be taught – 06

Total Lessons to be taught – 13

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# हिंदी लोकभारती (संपूर्ण)



अ. क्र.	पाठ का नाम	पृष्ठ क्र.	विधा/कौशल	स्वयं अध्ययन हेतु आशय विवरण	कारण
<b>पहली इकाई</b>					
१.	२. लक्ष्मी	३-८	कहानी	पूरा पाठ (भाषा बिंदु छोड़कर, उपयोजित लेखन)	सरल है, पढ़कर समझ सकते हैं।
२.	५. गोवा: जैसा मैंने देखा	१८-२२	यात्रा वर्णन	पूरा पाठ (भाषा बिंदु छोड़कर)	पठन द्वारा आनंद ले सकते हैं।
३.	७. खुला आकाश (पू. प.)	२७-३०	डायरी अंश	पूरा पाठ (भाषा बिंदु छोड़कर, अपठित गद्यांश)	कालांश अधिक लगता है। दैनंदिनी लिखने की आदत डाल सकते हैं।
४.	११. कृषक गान	४९-५०	गीत	पूरी कविता	पढ़कर आशय समझ सकते हैं।
<b>दूसरी इकाई</b>					
५.	३. श्रम साधना	५८-६३	निबंध	पूरा पाठ (भाषा बिंदु छोड़कर, उपयोजित लेखन)	ज्ञान में वृद्धि कर सकते हैं। कालांश अधिक लगते हैं।
६.	८. अपनी गंध नहीं बेचूँगा	८०-८१	गीत	पूरी कविता	वाचन द्वारा भाव समझ गा सकते हैं।

**सूचना:-** स्वयं अध्ययन के पाठों और उनसे संबंधित प्रश्नों को मूल्यमापन में ना पूछें। इन पाठों में आए भाषा बिंदु (व्याकरण), उपयोजित लेखन, अपठित गद्यांश से संबंधित कृतियाँ मूल्यमापन में पूछ सकते हैं।



# मराठी अक्षरभारती



	पाठ	पृष्ठ क्र.
गद्य	६. चुडीवाला	१९ ते २२
	१०. रंग साहित्याचे	३६ ते ४०
	१४. बीज पेरले गेले	५२ ते ५४
स्थूलवाचन	जगणं कॅक्टसचं	४७ ते ४९

- टीप – १) शालेय वर्ष २०२०-२१ करिता होणाऱ्या मूल्यमापनातून मराठी अक्षरभारती इयत्ता दहावी करिता वरील पाठ्यघटक वगळण्यात आलेले आहेत. अंतर्गत मूल्यमापन तसेच वार्षिक परीक्षा यांमध्ये या घटकांवर आधारित कोणत्याही कृती विचारल्या जाऊ नयेत.
- २) वगळण्यात आलेल्या वरील घटकांना / पाठांना जोडून असलेले व्याकरणाचे कोणतेही घटक, कृती (व्याकरणाची उजळणी व नवीन व्याकरण) तसेच इतर भाषिक कृती इत्यादी वगळण्यात आलेले नाहीत. त्यांचे अध्ययन-अध्यापन आणि मूल्यमापन होणे आवश्यक आहे. केवळ गद्य व पद्य पाठ व त्या पाठांसंबंधित स्वाध्याय / कृती मूल्यमापनातून वगळण्यात आलेल्या आहेत.





# HISTORY & POLITICAL SCIENCE



<b>Lesson No.</b>	<b>Title of reduced Lesson</b>
	<b>History</b>
4	History of Indian Arts
6	Entertainment and History
	<b>Political Science</b>
5	Challenges faced by Indian Democracy



# GEOGRAPHY



## Chapter 1: Field Visit

Sr. No.	Page No.	Column	Matter of Self Study	Remark
1.	2	-	<ul style="list-style-type: none"><li>• What precautions will you take continuously during the field visit?</li></ul>	Consider for internal evaluation
		-	<ul style="list-style-type: none"><li>• Correlate pulse cropping with low rainfall.</li></ul>	Consider for internal evaluation
2.	3	-	<ul style="list-style-type: none"><li>• Obtain information regarding multi-purpose project.</li></ul>	Consider for internal evaluation
		-	<ul style="list-style-type: none"><li>• 'Vegetation is an indicator of difference in precipitation'.</li><li>• What are the other indicators of difference in precipitation?</li></ul>	Consider for internal evaluation
3.	7	-	<ul style="list-style-type: none"><li>• What precautions have to be taken while going to the sea coast?</li><li>• What is the simplest method of understanding the timings of the tides?</li></ul>	Consider for internal evaluation
4.	8	-	<ul style="list-style-type: none"><li>• What type of photographs will you click with respect to the field visit?</li><li>• On the basis of which points will you write the tour report?</li><li>• During field visit, how will you obtain various type of information?</li></ul>	Consider for internal evaluation



## Chapter 2: Location and Extent

Sr. No.	Page No.	Column	Matter of Self Study	Remark
5.	10	1,2	With the help of figure 2.1 ..... to .....°25' E longitudes.	Consider for internal evaluation
6.	10,11	2,1	Observe figure 2.1 ..... South (full table)	Consider for internal evaluation
7.	11	2	Observe figure 2.2 ..... East (full table)	Consider for internal evaluation
8.	12	2	Show the following ..... show the symbol for direction.	Consider for internal evaluation
9.	13	1	Give it a try..... Find out when that part of India achieved independence?	Consider for internal evaluation

## Chapter 3: Physiography and Drainage

Sr. No.	Page No.	Column	Matter of Self Study	Remark
10.	16	2	Can you tell? ..... Across which states has the Deccan Plateau spread?	Consider for internal evaluation
11.	19	1, 2	Try this..... Any other points	Consider for internal evaluation

## Chapter 4: Climate

Sr. No.	Page No.	Column	Matter of Self Study	Remark
12.	27	1	Can you tell? ..... What type of climate will be found in Rio De Janerio?	Consider for internal evaluation
		2	Give it a try..... Southern most region of Brazil (full table)	Consider for internal evaluation
13.	28	1, 2	Can you tell?..... Classify the cities as cities with equable and extreme climates.	Consider for internal evaluation



14.	29	2	Use your brain power! ..... For example, what is summer?	Consider for internal evaluation
15.	31	1	Give it a try..... Write a short note on it.	Consider for internal evaluation
		2	Give it a try.....How is this related to the rainfall over there?	Consider for internal evaluation

### Chapter 5: Natural Vegetation and Wildlife

Sr. No.	Page No.	Column	Matter of Self Study	Remark
16.	35	1, 2	Try this..... why is their habitat found in these region?	Consider for internal evaluation
17.	36	2	Give it a try..... Make a presentation of their possible places.	Consider for internal evaluation
18.	36	-	Use your brain power! ..... By what names are they called?	Consider for internal evaluation

### Chapter 6: Population

Sr. No.	Page No.	Column	Matter of Self Study	Remark
19.	39	2	Use your brain power! .....in 'a' and 'b' each	Consider for internal evaluation
20.	40	-	Give it a try..... Is this condition found in all the states of India? Find out!	Consider for internal evaluation
21.	41	1	Try this..... In which age group is this difference the maximum?	Consider for internal evaluation
22.	43	1	Use your brain power! ..... If yes, how?	Consider for internal evaluation



23.	44	2	Try this..... the earlier conversations.	Consider for internal evaluation
		2	Use your brain power! ..... the economy of a country?	Consider for internal evaluation
		2	Give it a try..... what conclusions can you draw?	Consider for internal evaluation

### Chapter 7: Human Settlements

Sr. No.	Page No.	Column	Matter of Self Study	Remark
24.	46	1	Think about it..... are urban or rural.	Consider for internal evaluation
		2	Let's recall..... University (full table)	Consider for internal evaluation
25.	47	1	Try this..... Writ a comment on their density and types.	Consider for internal evaluation
26.	50	1	Use you brain power!..... in Brazil?	Consider for internal evaluation

### Chapter 8: Economy and Occupations

Sr. No.	Page No.	Column	Matter of Self Study	Remark
27.	52	-	Give it try..... Calculate the difference between the national incomes of developed and developing countries in 2016.	Consider for internal evaluation
		1	Try this..... about the type of these economies?	Consider for internal evaluation
		2	Let's recall..... Providing lodging and boarding facilities (full table)	Consider for internal evaluation
28.	53	2	Think about it..... of a country's economy?	Consider for internal evaluation
29.	53	2	Make friends with maps! ..... Fruits and Vegetables (full table)	Consider for internal evaluation



30.	55	1	Let's recall..... Brazilian coasts.	Consider for internal evaluation
		2	Give it a try..... in Brazil or India.	Consider for internal evaluation
31.	56	1	Try this..... Name the map.	Consider for internal evaluation
32.	58	1	Use your brain power! ..... it produce salt?	Consider for internal evaluation

### Chapter 9: Tourism, Transport and Communication

Sr. No.	Page No.	Column	Matter of Self Study	Remark
33.	61	1	Try this..... increase in tourists in India after the year 2010?	Consider for internal evaluation
		2	Can you tell? ..... but contributes desser in GDP?	Consider for internal evaluation
34.	63	-	Make friends with maps! .....	Consider for internal evaluation
		2	Think about it..... its topography and drainage?	Consider for internal evaluation
35.	65	2	Give it a try..... call at Jaisalmer?	Consider for internal evaluation
36.	65,66	2,1	Try this..... between the two points in minutes.	Consider for internal evaluation
37.	67	2	Think about it..... local time in Brasilia?	Consider for internal evaluation



# SCIENCE & TECHNOLOGY - I



## Chapter 1: Gravitation

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
1.	1		Box	Use of ICT	Self Study - Excluded from evaluation
2.	2		Box	Introduction to scientist	Additional reading - Excluded from evaluation
3.	2	1	11th line from above	Try this: Tie a stone to one.....earth towards itself	Self Study - Excluded from evaluation
4.	4		Box	An introduction to scientists: Johannes Kepler	Additional reading - Excluded from evaluation
5.	5		7th line from above till 6th line from below	Uniform circular motion.....the inverse square law of gravitation	Self Study (Take the help of teacher if required)- Excluded from evaluation
6.	5		Box	Use your Brain power!	Self Study - Excluded from evaluation
7.	6		Box	Use your Brain power!	Self Study - Excluded from evaluation
8.	6		Box	Do you know?	Additional reading - Excluded from evaluation
9.	7		1st line from above	Collect information about ..... hold an exhibition.	This activity has been omitted for academic year 2020-21
10.	9		21st line from above	Mass: Mass is the ..... earth attracts the object	Students have to read this part of the chapter before learning in the class
11.	9		Box	Colloquially we use .....	Self Study - Excluded from evaluation
12.	10		Box	Do you know?	Additional reading - Excluded from evaluation



13.	11		Box	Do you know?	Additional reading - Excluded from evaluation
14.	14		Box	Do you know?	Additional reading - Excluded from evaluation

## Chapter 2: Periodic Classification of Element

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
15.	16		5th line from top	Can you recall?	Self Study - Excluded from evaluation
16.	16		11th line from top	Paragraph: We have learnt .....different methods of classification.	Self Study - Excluded from evaluation
17.	16		Table 2.1	Example 2 and 3	Self Study
18.	17		Box	Do you know?	Self Study - Excluded from evaluation
19.	17		Table 2.2	Entire Table	Additional reading - Excluded from evaluation
20.	18		Box	Introduction to scientist	Additional reading - Excluded from evaluation
21.	19		Box	Use your brain power!	Self Study - Excluded from evaluation
22.	21		Box	Use your brain power!	Self Study - Excluded from evaluation
23.	22		15th line from top	Can you tell? Questions 1 to 4	Self Study
24.	22		Box	Do you know?	Additional reading - Excluded from evaluation
25.	23		Below Table 2.7	Can you tell? Questions 1 to 3	Self Study
26.	24		10th line from top	Can you recall? Questions 1 to 3	Self Study



27.	27		Box	Internet my friend	This activity has been omitted for academic year 2020-21.
28.	27		Box	Box below 'Internet my friend'	Additional reading
29.	28		Box	Do you know?	Additional reading - Excluded from evaluation

### Chapter 3: Chemical reactions and equations

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
30.	30		4th line from top	Can you recall? Questions 1 to 3 and paragraph 'In earlier standards ..... with each other.'	Self Study - Excluded from evaluation
31.	30		13th line from top	Paragraph: Some of the scientists ..... in nature.	Self Study - Excluded from evaluation
32.	30		Table 3.1	Entire Table	Self Study - Excluded from evaluation
33.	31		Below Table 3.3	Find out	This activity has been omitted for academic year 2020-21.
34.	33		8th line from top	Try this.	Self Study
35.	33		2nd line from bottom	Do you know?	Additional information - Excluded from evaluation
36.	33		1st line from bottom	Find out	This activity has been omitted for academic year 2020-21.
37.	35		21st line from top	Use your brain power! Questions 1 to 3	Self Study - Excluded from evaluation



38.	36		23rd line from top	Use your brain power! Questions 1 to 3	Self Study
39.	36		32nd line from top	Try this.	Self Study
40.	37		11th line from bottom	Can you recall?	Self Study - Excluded from evaluation
41.	39		2nd line from top	Try this. Complete procedure	Discuss during practicals
42.	39		16th line from bottom	Use your brain power! Questions 1 to 2	Self Study - Excluded from evaluation
43.	39		11th line from bottom	Can you tell? Questions 1 to 6	Self Study
44.	41		Box	Do you know?	Additional information - Excluded from evaluation
45.	42		Box	Do you know?	Self Study - Excluded from evaluation
46.	42		Box	Use your brain power!	Self Study - Excluded from evaluation
47.	43		1st line from top	Can you tell?	Self Study
48.	43		Box	Do you know?	Additional information - Excluded from evaluation



49.	44		2nd line from bottom	Find out	Self Study
50.	46		3rd line from bottom	Project	Self Study

### Chapter 4: Effects of electric current

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
51.	47		5th line from the top	Can you recall?	Self Study
52.	47		9th line from the top	We have learnt in earlier.....electric motor and generator.	Self Study- Excluded from evaluation
53.	47		17th line from the top	Observe and Discuss	Self Study
54.	48		Box	Think about it	Self Study- Excluded from evaluation
55.	49		Box	Always remember	Self Study
56.	49		Box	Find out	Self Study
57.	50		Box	Do you know?	Self Study- Excluded from evaluation
58.	51	1,2	Examples 1,2	Examples 1 and 2	Self Study



**[Note: Since the textbook page no. 51 does not include example 1 and 2 (as marked in the Reduction (Non Evaluative) in syllabus for academic year 2020-21 document) but instead contains example 3 and 4, students are requested to look for the updates regarding the same.]**

59.	52		Box	Introduction of Scientist - Oersted	Additional reading - Excluded from evaluation
60.	52		Box	Always remember	Self Study
61.	57		1st line from the top	Galvanometer is a sensitive ..... direction of the current.	Self Study- Excluded from evaluation
62.	58		Box	Introduction to Scientist - Michael Faraday	Additional reading - Excluded from evaluation
63.	59		1st line from top	Alternating current (AC) and Direct Current (DC) ..... while using the electricity.	Self Study
64.	60		19th line from top	What will be required ..... called as a DC generator.	Self Study

### Chapter 5: Heat

Sr. No.	Page No.	Column No.	Table/Line / Box	Content	Remark
65.	62		Line 13th from top	Try this 1 to 7	Study with the help of an experiment
66.	67		Box	Introduction to Scientist.... James Prescott Joule	Additional reading - Excluded from evaluation
67.	69		Box	ICT	This activity has been omitted for academic year 2020-21
68.	70,71		Example 3	Example 3 complete	Self study - Excluded from evaluation



## Chapter 6: Refraction of light

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
69.	73	2	Activity 2	Activity 2 (points 1 to 5)	Self study
70.	73		Activity 3	Activity 3 (Complete)	Study with the help of an experiment
71.	75		Table	Column no 3 to 6 from right	Self Study
72.	76		1st line from the top	Can you tell? 1 and 2, Local atmospheric conditions ..... appear to be moving.	Self Study- Excluded from evaluation
73.	77		5th line from the bottom	Use your brain power! 1 and 2	Self Study- Excluded from evaluation

## Chapter 7: Lenses

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
74.	82			Try this - 1 to 7 Complete	Study with the help of experiment
75.	87		Box	Do you know?	Self study
76.	90		9th row from bottom	c. Telescope ..... can be obtained	Self study- Excluded from evaluation





## Chapter 8: Metallurgy

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
77.	93		8th line from top	Think about it	Self Study – Excluded from evaluation
78.	93		14th Line from top	What are the physical properties ..... .....is a good conductor of electricity	Self Study – Excluded from evaluation
79.	94		Box	Do you know?	Additional reading – Excluded from evaluation
80.	94		8th line from top	Copper, Lead, Sodium – Excluded	This activity should not be performed for copper, lead and sodium,
81.	95		1st line from top	1st to 4th lines from top	These reactions have been omitted for academic year 2020-21
82.	96		14th line from top	Try This – Complete Procedure	Discuss during practicals
83.	98		7th line from bottom	Remove Procedure of potassium iodide	Self Study – Excluded from evaluation
84.	101		Box	Internet my friend	This activity has been omitted for academic year 2020-21
85.	102		Box	Do you know?	Additional reading – Excluded from evaluation



86.	105		Box	Do you know?	Additional information – Excluded from evaluation
87.	105		Box	Collect information	This activity has been omitted for academic year 2020-21
88.	108		Box	Do you know?	Additional information – Excluded from evaluation
89.	108		Box	Collect information	This activity has been omitted for academic year 2020-21

### Chapter 9: Carbon compounds

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
90.	110		5th line from top	Can you recall? 1 to 3	Self Study – Excluded from evaluation
91.	110	2	Box	Can you tell?	Self Study
92.	112		Box	Do you know?	Additional information – Excluded from evaluation
93.	116	2	Box	Do you know? In the course of millions..... fractional distillation.	Additional information – Excluded from evaluation
94.	127	1	Box	Do you know?	Additional information – Excluded from evaluation
95.	128		Box	Science	Self Study
96.	131,132, 133		Table, Intent	From page 131 Macromolecules to 133 deduce the name and structural formula of the corresponding monomer.	Self Study – Excluded from evaluation



## Chapter 10: Space Missions

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
97.	135		Box	Do you know?	Additional information - Excluded from evaluation
98.	135		Box	Can you recall?	Self study- Excluded from evaluation
99.	135		Box	Can you tell?	Self study- Excluded from evaluation
100.	136		Box	Use of ICT	This activity has been omitted for academic year 2020-21
101.	139		Box	Do you know?	Additional information - Excluded from evaluation
102.	139	1,2	Solved example 1, 2	Complete Solved example 1, 2	Self study- Excluded from evaluation
103.	141		Box	Do you know?	Additional information - Excluded from evaluation
104.	142		Box	Information about scientists	Additional reading - Excluded from evaluation
105.	143		Box	Introduction to scientists	Additional reading - Excluded from evaluation



# SCIENCE & TECHNOLOGY - II



## Chapter 1: Heredity and Evolution

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
1.	1	1	3 <sup>rd</sup> Line from below	Besides, there is uracil in RNA instead of thymine of DNA.	Additional reading- Excluded from evaluation
2.	3	1	3 <sup>rd</sup> Paragraph	3.5 billion years ago, life had been non.....till today of which theory of 'Gradual development of living organisms is accepted.	Self Study- Excluded from evaluation
3.	3	2	Box	A peek into history	Self Study- Excluded from evaluation
4.	4	1	Box	Can you tell?	Self Study- Excluded from evaluation
5.	4	1	Box	Use of ICT	Self Study- Excluded from evaluation
6.	5	1	Box	Use of ICT	Self Study- Excluded from evaluation
7.	6	1	Box	Introduction to Scientists Willard Libby	Students have to find information on the given topic.
8.	8	1	Box	Introduction to Scientists Charles Darwin	Additional reading- Excluded from evaluation
9.	8	1	Box	Introduction to Scientists Jean Lamarck	Additional reading- Excluded from evaluation
10.	8	1	Box	Internet My Friend	Self Study- Excluded from evaluation
11.	9	1	Diagram 1.12	Diagram 1.12 Journey of Human	Students have to observe the diagram and write information



## Chapter 2: Life Process In Living Organisms Part I

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
12.	12	1	Box	Can you recall?	Students have to read at home before starting chapter.
13.	12	1	Box	Use your brain power!	Self Study- Excluded from evaluation
14.	12	1	Box	Can you recall?	Self Study- Excluded from evaluation
15.	13	1	Box	Observe	Self Study- Excluded from evaluation
16.	13	1	Box	Can you tell?	Self Study- Excluded from evaluation
17.	14	2	Box	ATP	Additional reading- Excluded from evaluation
18.	15	1	Box	Introduction to Scientists Sir Hans Krebs	Additional reading- Excluded from evaluation
19.	16	1	Box	Can you tell?	Self Study- Excluded from evaluation
20.	16	1	Box	Always Remember	Self Study- Excluded from evaluation
21.	17	1	Box	Use your brain power!	Self Study- Excluded from evaluation
22.	17	1	Box	Internet My Friend	Self Study- Excluded from evaluation
23.	17	1	Box	Can you tell?	Self Study- Excluded from evaluation
24.	18	1	Box	Can you recall?	Self Study- Excluded from evaluation
25.	20	1	Box	Try this.	Discuss During Practicals
26.	20	1	Box	Use your brain power!	Self Study- Excluded from evaluation
27.	20	1	Box	Use of ICT	Additional reading- Excluded from evaluation
28.	20	2	Box	Books My Friend	Additional reading- Excluded from evaluation



### Chapter 3: Life Process In Living Organisms Part II

Sr. No.	Page No.	Column No.	Table/Line/Box	Content	Remark
29.	22	1	Box	Can you recall?	Students have to read at home before starting chapter
30.	24	1	2nd Paragraph from down	Whenever there is plenty of water..... develops into new sycon.	Additional reading- Excluded from evaluation
31.	25	1	Box	Try this.	Self Study- Excluded from evaluation
32.	26	1	Box	Let's Think	Self Study- Excluded from evaluation
33.	27	1	Lines 1 to 9	Many flowers have..... two haploid polar nuclei.	Additional reading- Excluded from evaluation
34.	27	1	Box	Do you know?	Additional reading- Excluded from evaluation
35.	27	1	Box	Use of ICT	Self Study- Excluded from evaluation
36.	28	1	Box	Try this.	Self Study- Excluded from evaluation
37.	29	2	Box	Surprising Facts	Additional reading- Excluded from evaluation
38.	30	1	Box	Do you know?	Self Study- Excluded from evaluation
39.	30	1	Last Paragraph	Development and Birth	Self Study- Excluded from evaluation
40.	31	2	Box	Can you tell?	Self Study- Excluded from evaluation
41.	33	1	Box	Internet My Friend	Self Study- Excluded from evaluation
42.	34	1	Lines 1 to 5	Among the various sexual diseases ..... symptoms of gonorrhoea.	Additional reading- Excluded from evaluation
43.	34	1	Box	Do you know?	Additional reading- Excluded from evaluation



## Chapter 4: Environmental Management

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
44.	36	1	Box	Can you recall?	Self Study- Excluded from evaluation
45.	36	1	Box	Think and Answer	This part has been studied in 9 <sup>th</sup> Revise by asking questions
46.	37	1	Flowchart	Complete the chart	Self Study- Excluded from evaluation
47.	38	1	Box	Can you recall?	Self Study- Excluded from evaluation
48.	38	1	Box	Observe and fill the information	Self Study- Excluded from evaluation
49.	39	1	Table	Complete the chart	Self Study- Excluded from evaluation
50.	40	1	Box	Do you know?	Additional reading- Excluded from evaluation
51.	40	1	Box	A peek into history	Additional reading- Excluded from evaluation
52.	40	1	Box	Complete the chart	Self Study- Excluded from evaluation
53.	41	1	Box	Do you know?	Additional reading- Excluded from evaluation
54.	41	2	Box	Let's Discuss	Additional reading- Excluded from evaluation
55.	41	2	Box	Always Remember	Additional reading- Excluded from evaluation
56.	41	2	Box	Internet My Friend	Additional reading- Excluded from evaluation
57.	42	1	Box	There should be positive attitude..... for that role.	Self Study- Excluded from evaluation
58.	43	2	Box	How can biodiversity be conserved?	Self Study- Excluded from evaluation





59.	43	1	Box	Voluntary organizations and Environmental organizations	Additional reading- Excluded from evaluation
60.	44	1	Box	Think and Answer	Self Study
61.	45	1	Box	Recall a little	Self Study- Excluded from evaluation
62.	45	1	Box	Do you know?	Self Study- Excluded from evaluation
63.	45	1	Box	Always Remember	Self Study- Excluded from evaluation
64.	45	2	Box	Think	Self Study- Excluded from evaluation
65.	46	1	Box	Project	Additional Study- Excluded from evaluation

### Chapter 5: Towards Green energy

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
66.	47	1	Box	Can you recall?	Self Study - Excluded from evaluation
67.	47	1	Box	Make a Table	Self Study - Excluded from evaluation
68.	49	1	From 2nd paragraph	If you see a .....from certain problems	Self Study
69.	49	1	Box	Use of ICT	Self Study - Excluded from evaluation
70.	50	2	Box	Do you know?	Additional reading- Excluded from evaluation
71.	51	1	Box	Internet is my friend	Self Study - Excluded from evaluation
72.	51	1	Box	Compare	Self Study - Excluded from evaluation
73.	52	1	Box	Some natural gas.....	Additional reading - Excluded from evaluation
74.	53	1	Line no. 1 to 32	Electricity generation based on.....nuclear fuels are not environment friendly	Self Study - Excluded from evaluation



75.	53	2	Box	Towards environment friendly energy.....towards green energy	Self Study
76.	54	1	Box	Use your Brain power!	Self Study - Excluded from evaluation
77.	55	1	Box	Do you know?	Additional reading - Excluded from evaluation
78.	56	2	Box	Get information	Self Study - Excluded from evaluation
79.	56	1	Figure 5.22	Wind Turbines of different capacities	Additional reading - Excluded from evaluation
80.	57	1	Whole page	If two solar cells.....power station of MW capacity	Students should read this part of chapter at home and discuss it in class
81.	58	1	Box	Find out	Self Study - Excluded from evaluation
82.	59	1	Box	Do you know?	Additional reading - Excluded from evaluation

### Chapter 6: Animal Classification

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
83.	61	1	Box	Can you recall?	Students have to read this part before starting chapter.
84.	62	1	Paragraph 1	Time to time.. .... proposed the animal classification	Self study - excluded from evaluation
85.	62	1	Paragraph 2	Traditionally, depending upon .. ... it is on dorsal side	Additional reading - Excluded from evaluation
86.	63	1	Last paragraph	This system of animal classification ... ..... Segmentation, etc.	Additional reading - Excluded from evaluation



87.	64	1	Paragraph 1 to 4	Criteria for new system of classification	Additional reading - Excluded from evaluation
88.	65	1	Box	Observe	Self study
89.	66	1	Page no. 65 - 66	Besides the four types of body organizations ..... .... Earthworm from phylum Annelida	Additional reading - Excluded from evaluation
90.	68	1	Box	Do you know	Self study - excluded from evaluation
91.	68	1	Box	Surprising information	Self study - excluded from evaluation
92.	69	1	Box	Internet my friend	Self study - excluded from evaluation
93.	69	1	Box	Get information	Self study - excluded from evaluation
94.	70	1	Box	Let's think	Self study
95.	70	1	Box	Surprising information	Additional reading - Excluded from evaluation
96.	70	2	Box	Books are my friend	Additional reading - Excluded from evaluation
97.	71	1	Box	Do you know	Additional reading - Excluded from evaluation
98.	74	1	Box	Use your brain power!	Self study - excluded from evaluation
99.	75	1	Box	Use of Information Technology	Additional reading - Excluded from evaluation
100.	75	2	Box	Always remember	Additional reading - Excluded from evaluation
101.	75	1	Box	Books are my friend	Additional reading - Excluded from evaluation



## Chapter 7: Introduction to Microbiology

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
102.	77	1	Last paragraph	These processes are performed .. .... .... has the flavour of butter	Self study - excluded from evaluation
103.	78	1	Box	Let's think	Self study - excluded from evaluation
104.	78	1	Box	Do you know	Self study - excluded from evaluation
105.	80	1	Table	Production of beverages	Additional reading - Excluded from evaluation
106.	81	1	Box	Use your brain power!	Self study - excluded from evaluation
107.	81	1	Box	Search	Additional reading - Excluded from evaluation
108.	82	1	Box	Can you tell?	Self study
109.	83	1	Box	Lets think	Self study
110.	84	1	Box	Can you tell?	Self study
111.	85	1	Box	Internet my friend	Additional reading - Excluded from evaluation



## Chapter 8: Cell Biology and Biotechnology

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
112.	88	1	Box	Can you recall?	Self study - excluded from evaluation
113.	88	1	Box	Observe	Self study - excluded from evaluation
114.	89	1	Paragraph 1	During further development ... .... with the help of these stem cells	Additional reading - Excluded from evaluation
115.	89	1	Box	Use your brain!	Additional reading - Excluded from evaluation
116.	90	1	Box	Internet my friend	Additional reading - Excluded from evaluation
117.	91	1	Box	Always remember	Additional reading - Excluded from evaluation
118.	91	1	Box	Recall a little	Self study - excluded from evaluation
119.	92	1	Box	Development of Biotechnology In India	Additional reading - Excluded from evaluation
120.	93	1	Box	Use of ICT	Self study - excluded from evaluation
121.	94	1	Box	Do you know	Self study - excluded from evaluation
122.	95	1	Box	Internet my friend	Additional reading - Excluded from evaluation
123.	95	1	Box	See the proteins produced ... .... viral infection	Additional reading - Excluded from evaluation



124.	95	1	Box	Peeking into History	Additional reading - Excluded from evaluation
125.	96	1	Box	Cleaning of oil spillage in oceans	Self study - excluded from evaluation
126.	97	1	Box	Collect information	Self study - excluded from evaluation
127.	97	1	Box	Internet my friend	Self study - excluded from evaluation

### Chapter 9: Social health

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
128.	101	1	Box	Observe and Discuss	Self study
129.	103	1	Box	Think	Self study - excluded from evaluation
130.	103	1	Box	Compare	Self study - excluded from evaluation
131.	104	1	Box	Recall a little	Self study - excluded from evaluation
132.	105	1	Box	Internet my friend	Additional reading - Excluded from evaluation
133.	105	1	Paragraph 4	Cyber crimes	Self study
134.	106	1	Box	Do you know	Additional reading - Excluded from evaluation
135.	107	1	Box	Always remember	Self study



## Chapter 10: Disaster Management

Sr. No.	Page No.	Column No.	Table/Line /Box	Content	Remark
136.	109	1	Box	Can you recall?	Students are studying disaster management from previous classes, so this part should be given for self study.
137.	110	1	Box	Lets Discuss	Self study
138.	111	1	Box	Lets Think	Self study
139.	113	1	Box	Objectives of disaster management	Self study
140.	115	1	Box	Try This	Self study - excluded from evaluation
141.	115	1	Paragraph 2	Structure of Disaster Management Authority	Additional reading - Excluded from evaluation
142.	115	1	Box	Get information	Self study - excluded from evaluation
143.	116	1	Box	Internet my friend	Additional reading
144.	116	1	Box	Who does what?	Self study
145.	117	1	Box	Observe	Self study - Covered in std. 9 <sup>th</sup> Discuss and review
146.	117	1	Box	Complete the chart	Self study
147.	118	1	Box	Get information	Perform activity in classroom
148.	118	1	Box	Internet is my friend	Self study - excluded from evaluation
149.	119	1	Box	Always remember	Self study



# ALGEBRA





## Chapter 1: Linear Equations in Two Variables

Sr. No.	Page No.	Column	Content	Remark
1.	2	-	Solved Example - 1	Self-study
2.	3	-	Solved Example - 2	Self-study
3.	4	-	Practice Set 1.1 - Q.1	Self-study
4.	5	-	Practice Set 1.1 - Q.2 (1, 2, 3, 4, 5, 6)	Self-study
5.	16	-	Activity box	Self-study
6.	17 & 18	-	Complete pages	Self-study
7.	19	-	Complete Practice Set 1.4 and Activity	Self-study
8.	28	-	Problem set 1 - Q.6 (all sub Questions)	Self-study

## Chapter 2: Quadratic Equations

Sr. No.	Page No.	Column	Content	Remark
9.	37	-	Let's learn (Line 7 onward complete page)	Self-study
10.	38	-	Complete page	Self-study
11.	39	-	Complete Practice Set 2.3 and Solved Example 2	Self-study
12.	42	-	Complete page	Extra Information
13.	43	-	Activity: Skip – 'completing the square method'	Extra Information
14.	46 & 47	-	Complete pages	Self-study
15.	49	-	Let's Remember – 1 <sup>st</sup> point (Line 2 to 4)	Self-study
16.	49	-	Practice Set 2.5 – Q.1 (3)	Self-study
17.	50	-	Practice Set 2.5 – Q.5, 6	Self-study
18.	53	-	Problem set 2 - Q.1 (6)	Self-study
19.	54	-	Problem set 2 - Q.10	Self-study

### Chapter 4: Financial Planning

Sr. No.	Page No.	Column	Content	Remark
20.	81 to 112	-	Whole chapter is omitted	Whole chapter is omitted

### Chapter 6: Statistics

Sr. No.	Page No.	Column	Content	Remark
21.	129 to 168	-	Whole chapter is omitted	Whole chapter is omitted



# GEOMETRY

## Chapter 1: Similarity

Sr. No.	Page No.	Column	Content	Remark
1.	8	-	Property of an angle bisector of a triangle	Self-study
2.	9	-	Complete page	Self-study
3.	10	-	Complete page	Self-study
4.	11	-	Remember this – Example 3 and 4	Self-study
5.	12	-	Solved Example 2 and Activity	Self-study
6.	13	-	Activity	Self-study
7.	13	-	Practice set 1.2 – Q.1 (1, 2, 3)	Self-study
8.	14 & 15	-	Practice set 1.2 – Q.3, 5, 6, 7, 8, 9, 11	Self-study
9.	28 & 29	-	Problem set 1 - Q.8, 9, 10	Self-study

## Chapter 2: Pythagoras Theorem

Sr. No.	Page No.	Column	Content	Remark
10.	40 to 42	-	Complete pages	Self-study
11.	43	-	Practice set 2.2 – Q.1 to 5	Self-study
12.	44	-	Problem set 2 - Q.1 (6)	Self-study
13.	45	-	Problem set 2 - Q.8, 9, 12	Self-study
14.	46	-	Problem set 2 - Q.17, 18	Self-study

## Chapter 3: Circle

Sr. No.	Page No.	Column	Content	Remark
15.	75	-	Theorem of angle between tangent & secant	Self-study
16.	76 to 82	-	Complete pages	Self-study
17.	83	-	Problem set 3 - Q.1 (7)	Self-study
18.	87 to 90	-	Problem set 3 - Q.13, 15, 16, 18, 22, 24	Self-study



## Chapter 5: Co-ordinate Geometry

Sr. No.	Page No.	Column	Content	Remark
19.	116	-	Slope of a line, Activity - I	Self-study
20.	117 to 121	-	Complete pages	Self-study
21.	122	-	Practice set 5.3 - Q.6, 7, 8 Problem set 5 - Q.1 (4), 2	Self-study
22.	123	-	Problem set 5 - Q.9, 10, 22	Self-study

## Chapter 6: Trigonometry

Sr. No.	Page No.	Column	Content	Remark
23.	132 to 137	-	Page no. 132 to 137 and related examples	Page no. 132 to 137 and related examples are omitted

## Chapter 7: Mensuration

Sr. No.	Page No.	Column	Content	Remark
24.	140 to 163	-	Whole chapter is omitted	Whole chapter is omitted