

JUNE 2025

SUMMER VACATION HOLIDAY HOMEWORK

2025-2026

CLASS: - XII HUMANITIES

ACTIVITIES





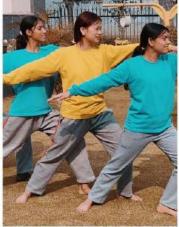
























SESSION: 2025-2026

DEAR PARENTS

Vacation is the time for the children to explore their myriad interest and indulge in various activities which would lead to their all-round development.

Summer Vacation is the most awaited time for both parents and kids. We have tried to keep the homework simple, informative, interesting and fun filled.

Here are a few tips for parents to act as a facilitator to help your child balance his/her eagerness in pursuing adventure, creativity and self-expression with development of responsibility.

- Make sure that you are spending quality time with your wards.
- Teach them the importance of moral value in their life.
- Motivate them to read good books.
- Encourage and help your child in shouldering responsibilities in household chores. It will
 aid them to be independent.
- Keeping in view the prevailing situation, indulge yourself in various indoor games with them.
- Encourage the child to wish 'Good Morning' and 'Good Night' to everybody.
- · Encourage the child to speak simple sentences in English
- ·Talk respectfully with the child and encourage your child to do the same.
- ·Motivate the child to use polite words such as 'Please', 'Thank You', 'Sorry', 'May I'.
- Revise the work done in the classes.

<u>Please note:</u> Use resources (rough notebook) only which are available at home to complete all homework including project work. Prepare a systematic time table and follow it religiously from the very first day. Allow them to complete homework on their own under your guidance. Make these holidays memorable for the young learners by providing a nurtured and stimulated environment at home which is full of fun, excitement, and learning. Wish you all safe and healthy holiday ahead!





XII - HUMANITIES

Sr. No.	Subjects	Name of Subject Teacher	Phone No.
1	ENGLISH	MS. RAMA	7007903761
2	HISTORY	MR. SONU	8010484824
3	POL. SCIENCE	MR. SONU	8010484824
		MR. CHANDER MOHAN	7814414066/
4	GEO/ECO	(Class Teacher)	
		MR. SATYAM	8317051636
5	I.P.	MR. ANIL KUMAR	8222911803
6	PHY. EDU.	MR. PANKAJ	8168121826
7	FINE ARTS	MR. RIYA RAJ	9341814286
8	MUSIC	MR. NAVDEEP	9876205809
9	MATHS	MR. AMIT GAUR	7876780134

NOTE: IF YOU HAVE ANY QUERY RELATED TO ANY SUBJECT, YOU CAN CONTACT WITH SUBJECT TEACHER.





SUBJECT WISE HOLIDAY HOMEWORK

Sr.	Subject	Holiday Home Work
No 1	English	 Lost Spring – Reflection Writing (8 Marks) Answer in 100–120 words: What message does Anees Jung want to convey through the story "Lost Spring"? Do you think the children like Saheb deserve better opportunities? Share your thoughts. The Last Lesson – Diary Entry (8 Marks) (a) Imagine you are Franz. Write a diary entry about the day of the last lesson. (b) Describe your feelings, what you learned, and how you felt about your language and school. My Mother at Sixty-Six – Poem Appreciation (8 Marks) Answer the following briefly: (a) What emotions does the poet express in the poem? (b) Write 4–5 lines about how you would feel if you were in the poet's place. The Third Level – Creative Task (8 Marks) Suppose you found a secret way into another world or time. Describe it in 100–120 words. What did you see there? Would you like to go back? Why/why not?
2	History	 Make a Project on Scheduled Topic Aanya – Bhakti Movement Interpretation & Commentaries) Abha – History & legacy of Mauryan Empire) Chakshika – Life of a Woman in Mughal Society) Raghav – Buddha Charita) Rakshit – The Philosophy of Guru Nanak Dev) Ridhi – Revolt of 1857) Ronak – An insight into the Indian Constitution) Saransh Malik – The vision of Kabir) Sarowar Mathur – Comprehensive history of Jainism) Srishti Dutta – Vijayanagara Architecture) Samariah – Mahabharata: The Great Epic of India) Yasobanta – Comparative Study of Stupas and Pillar edicts) Points to be taken in consideration: - Project file should not be less than 35 pages. It must contain following items: -

	T	
		a. Hard cover
		b. Cover page with proper details of student / Research work
		c. Acknowledgement
		d. Certificate
		e. Index
		f. Conclusion (last page of project)
		g. Bibliography/webliography (end page)
		1. Make a Project on Scheduled Topic
		i) Aanya – Pandemics: Covid -19 It's Global Impacts with newspaper
		cutting.
		ii) Abha – Arab Spring.
		iii) Chakshika – NAM 1961 to Present Time.
		iv) Raghav – ASEAN
		v) Rakshit – SAARC
		vi) Ridhi – NDA III and IV Social and Economic Welfare Programs.
		vii) Ronak – Disintegration of USSR with special focus on Gorbachev.
		viii)Saransh Malik – UN Agencies UNESCO, UNICEF & WHO.
	Pol.	ix) Sarowar Mathur – India and Russia Relationship with Current updates.
3	Science	x) Srishti Dutta – Partition of India and it's legacy.
		xi) Samariah – Imposition of Emergency in India.
		xii) Yasobanta – BRICS.
		2. Project file should not be less than 35 pages.
		It must contain following items: -
		3. Hard cover
		4. Cover page with proper details of student / Research work
		5. Acknowledgement
		6. Certificate
		7. Index
		8. Conclusion (last page of project)
		9. Bibliography/webliography (end page)
		1. Make a project work by depth research on any one of the following topics
		 Primary Activities – (Rakshit, Raghav, Sarowar, Saransh, Yasobanta)
		 Secondary Activities (Ridhi, Ronak, Shrishti, Samairah)
		 Tertiary Activities (Aanya, Abha, Chakshika, Plak).
		Points to be taken consideration; -
		Project file should not be less than 32 pages.
		It must contain following items: - a. Hard cover
4	GEO	
	GEO	b. Cover page with proper details of student / Research work
		c. Acknowledgement d. Certificate
		e. Index
		f. Conclusion (last page of project)
		g. Bibliography/webliography (end page)
		2. Make the Practical File of Geography
		(pdf will be shared in the broadcast group)
		3. Complete the worksheets attached at the end in your geography notebook.

5	I.P.	Do the given worksheets (1 to 6) in fair notebook. All the worksheets are attached with this document.
6	PHY. EDU.	 Make Practical File of any of the 2 games (Football, Badminton, Cricket, Basketball) Learn relaxation technique for improving concentration Learn and perform 7 sitting yoga asana Make Notes of Ch-2 in Fair Notebook.
7	FINE ARTS	 Unit-1 Ch-2 Rajasthani school of miniature painting Ch-3 Pahari school of miniature painting Make a note on Ch-2 and Ch-3 Practical Work Make two landscape with human composition on A3 paper and colour it with water colour. Make two still life in two different mediums.
8	MUSIC	Complete the practical file of Music (sample copy attached here for the same) https://drive.google.com/file/d/1BrSfOXsZOEfuNUKBVIXKE_sE4-vUYce_/view?usp=sharing

GEOGRAPHY

Worksheet-1

1. Read the text carefully and answer the questions: [1x3-3	1
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The decades 1951-1981 are referred to as the period of population explosion in India, which was caused by a rapid fall in the mortality rate but a high fertility rate of population in the country. The average annual growth rate was as high as 2.2 percent. It is in this period, after Independence, that developmental activity was introduced through a centralized planning process and the economy started showing up ensuring the improvement of living conditions of people at large. Consequently, there was a high natural increase and a higher growth rate. Besides, increased international migration bringing in Tibetans, Bangladeshis, Nepalese and even people from Pakistan contributed to the high growth rate.

i. Why the decades 1951-1981 are referred to as the period of population explosion in India?
ii. After Independence, what has been introduced for the improvement of the living conditions of people?
iii. Which country migrated to India the most between the 1951-1981 periods?

- 2. Assertion (A): India has an uneven spatial distribution of population. [1] Reason (R): It is due to physical, socioeconomic, and historical factors.
- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false. d) A is false but R is true.
- 4. Assertion (A): Dependence on farm-based occupations has decreased and moved to non-farm ones. [1]

Reason (R): Participation rate in secondary and tertiary sector has registered an increase.

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

- 5. Which one of the following is the largest linguistic group of India? [1]
 - a) Austric b) Dravidian c) Indo-Aryan d) Sino-Tibetan
- 6. The first complete population Census conducted in India in: [1]
- a) None of these b) 1883 c) 1882 d) 1881
- 7. What is the meaning of stationary growth of population? [1]
- a) The low growth rate of the population b) Stable population with a zero growth rate
- c) Stable population with a high growth rate d) Unstable population with a high growth rate
- 8. Which state in India has the lowest population (2011)? [1]
- 9. Differentiate between Marginal worker and Main worker. [3]
- 10. Define Population Growth. Explain four stages of population growth in India. [1+4=5]

Worksheet-2

1. Read the text carefully and answer the questions: [1x3-3]

Uneven spatial distribution of population in India suggests a close relationship between population and physical, Socio-economic and historical factors. As far as the physical factors are concerned, it is clear that climate along with terrain and availability of water largely determines the pattern of the population distribution. Consequently, we observe that the North Indian Plains, deltas and Coastal Plains have a higher proportion of the population than the interior districts of southern and central Indian States, Himalayas, some of the north-eastern and the western states. However, the development of irrigation (Rajasthan), availability of mineral and energy resources (Jharkhand) and development of transport network (Peninsular States) have resulted in moderate to a high concentration of population in areas that were previously very thinly populated. i) Why the North Indian Plains, deltas and Coastal Plains have a higher proportion of the population?

Categories	Population				
	Persons	% to total Workers	Male	Female	
Primary	26,30,22,473	54.6	16,54,47,075	9,75,75,398	
Secondary	1,83,36,307	3.8	97,75,635	85,60,672	
Tertiary	20,03,84,531	41.6	15,66,43,220	4,37,41,311	

- i. Which sector has the lowest percent of total workers? -
- ii. The proportion of workers in agricultural sector in India has declined from 58.2% in 2001 to % in 2011

- iii. What conclusions can you draw based on the information provided?
- 2. How many stages/phases of population growth in India? [1] a) Two b) Four c) One d) Three
- 3. According to 2011 the highest number of tribes is found in-[1]
 - a) Madhya Pradesh b) Assam c) Mizoram d) Goa
- 4. Assertion (A): Natural increase (death rate minus birth rate) is high in developing countries. [1]

Reason (R): These countries have high fertility levels.

a) Both A and R are true and R is the correct explanation of A.



- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false. d) A is false but R is true.
- 5. Assertion (A): Certain states and districts have large numerical strength of one religion. [1]

 Reason (R): Muslims form a majority in Kashmir valley and Lakshadweep.
- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false. d) A is false but R is true.
- 6. Explain how population density is closely related to physical and socio-economic factors.
 [3]
- 7. What is the density of population? Mention four states of India which have the highest density of population (2011). [1+2=3]

CLASS XII - IP NAME OF CHAPTER: Series

TOPIC: Series (Create Series, Access element, Filter value) **WORKSHEET NO. 1**

QN.	Questions	M
1	Write a program to create a series to print scalar value "5" four times.	2
2	Write a program to create a series object F1 using a dictionary that stores the number of furniture in each lab of your school. Note: Assume four furniture names are Table, Sofa, Chair and stool having 40, 2,45,26 items respectively and pandas library has been imported as pd.	2
3	What will be the output of the following code: import pandas as pd L= [9,10,12] S=pd.Series(L) Dbl=pd.Series(data = S*2) print("New Series: ") print(Dbl)	1
4	Write a program to create a series object using a dictionary that stores the number of students in each house of CLASS 12D of your school. Note: Assume four house names are Beas, Chenab, Ravi and Satluj having 18, 2, 20, 18 students respectively and pandas library has been imported as pd.	2
5	What will be the output of the following code: >>>import pandas as pd >>>A=pd.Series(data=[35,45,55,40]) >>>print(A==data) What will be the output: a. True b. False c. [35,45,55,40] d. Error	1
6	Find the output of following program. import numpy as np d=np.array([10,20,30,40,50,60,70]) print(d [-4:])	1
7	What will be the output of the following code: >>>import pandas as pd >>>A=pd.Series(data=[35,45,55,40]) >>>print (A[A>45])	1
8	Write the output of the given command: import pandas as pd s=pd.Series([1,2,3,4,5,6],index=['A','B','C','D','E','F']) print(s[s%2==0])	1
9	What will be the output of the following code: >>>import pandas as pd >>>A=pd.Series(data=[35,45,55,40]) >>>print ([A>45])	1
10	What will be the output of the following code: >>>import pandas as pd >>>A=pd.Series(data=[35,45,55,40]) >>>A[2:5]=25 >>>print (A)	1
11	Write a program to create a series object comp using a list that stores the number of quantity of computer item in lab of your school. Note: Assume four computer item names as index are KB, Mouse, computer and printer havingvalues are 30, 25, 20, 2 items respectively and pandas library has been imported as pd.	2

NAME OF CHAPTER: Series

TOPIC: Series Attribute and methods

Q. No	Questions	М
1	Which attribute is used to get total number of elements in a Series? a. size b. itemsize c. shape d. ndim	1
2	To display last five rows of a series object 'S', you may write: a. S.Head() b. S.Tail(5) c. S.Head(5) d. S.tail()	1
3	To display top five rows of a series object 'S' , you may write: a. S.head() b. S.Tail(5) c. S.Head(5) d. S.tail()	1
4	method in Pandas can be used to change the index of rows and columns of a Series or DataFrame: (i) rename() (ii) reindex() (iii) reframe() (iv) none of the above	1
5	CSV stands for	1
6	Pandas Series is: a. 2-Dimensional b. 3-Dimensional c. 1 Dimensional d. Multidimensional	1
7	Python pandas was developed by: a. Guido van Rossum b. Travis Oliphant c. Wes McKinney d. Brendan Eich	1
8	The command to install the pandas is: a. install pip pandas b. install pandas c. pip pandas d. pip install pandas	1
9	The name "Pandas" is derived from the term: a. Panel Data b. Panel Series c. Python Document d. Panel Data Frame	1
10	We can analyse the data in pandas with a. Series b. Data Frame c. Both of the above d. None of the above	1
11	Pandas is a: a. Package b. Language c. Library d. Software	1
12	Which of the following import statement is not correct? a. import pandas as CLASS12 b. import pandas as 1pd c. import pandas as pd d. import pandas as pd	1
13	Which of the following is not an attribute of pandas data frame? a. length b. T c. Size d. shape	1
14	import pandas as pd s=pd.Series([1,2,3,4,5], index=['akram','brijesh','charu','deepika','era'])	1

	print(s['charu']) a. 1 b. 2 c. 3 d. 4	
15	Assuming the given series, named stud, which command will be used to print 5 as output? Amit 90 Ramesh 100 Mahesh 50 john 67 Abdul 89 Name: Student, dtype: int64 a. stud.index b. stud.length c. stud.values d. stud.size	1
16	A social science teacher wants to use a pandas series to teach about Indian historical monuments and its states. The series should have the monument names as values and state names as indexes which are stored in the given lists, as shown in the code. Choose the statement which will create the series: import pandas as pd Monument=['Qutub Minar','Gateway of India','Red Fort','Taj Mahal'] State=['Delhi','Maharashtra','Delhi','Uttar Pradesh'] a. S=df.Series(Monument, index=State) b. S=pd.Series(State, Monument) c. S=pd.Series(Monument, index=State) d. S=pd.series(Monument, index=State)	1
17	Difference between loc() and iloc().: a. Both are Label indexed based functions. b. Both are Integer position-based functions. c. loc() is label-based function and iloc() integer position-based function. d. loc() is integer position-based function and iloc() index position-based function.	1
18	Method or function to add a new row in a Series is: alocate() bloc() c. join d. add()	1
19	Rasha wants to set all the values to zero in Series, choose the right command to do so: a. $S1=0$ b. $S1[]=0$ c. $S1[:]=0$ d. $S1[:]=0$	1
20	Write the output of the given program: import pandas as pd S1=pd.Series([5,6,7,8,10],index=['v','w',' x','y','z']) Output required (5,) a. print(S1.shape()) b. print(S1.shape) c. print(S1.values) d. print(S1.size())	1
21	To check if the Series object contains NaN values, attribute is display. a. hasnan b. nbytes c. ndim d. hasnans	1
	***	_

NAME OF CHAPTER: Series TOPIC: Vector operation, slicing

QN	Questions	М
1	Consider the following series named animal: L Lion B Bear E Elephant T Tiger W Wolf dtype: object Write the output of the command: print(animal[::-3])	2
2	Write the output of the given program: import pandas as pd S1=pd.Series([5,6,7,8,10], index=['v','w',' x','y','z']) $I=[2,6,1,4,6]$ $S2=pd.Series(I,index=['z','y','a','w','v'])$ $print(S1-S2)$	2
3	Give the output: import pandas as pd name=['Raj','Ankur','Harsh'] p=pd.Series(name,index=[2,5,6]) print(p) p1=p.reindex([2,5]) print (p1)	2
4	Give the output: list1=["Dance','Music','violin', 'guitar','drums'] list2=[100,200,300,400,500,600] list3=list1[:2] list4=list2[2:5] print(list3) print(list4)	2
5	Consider the following series named color: Color Red Green Orange Yellow Black dtype: object Write the command that generates the output as: 2 Green 4 Yellow	1
6	<pre>dtype: object What will be the output of the given code? import pandas as pd s=pd.Series([3,6,9,12,14],index=['a',' b','c','d','e'])print(s['a']+s['c'])</pre>	2

7	Given two series S1 and S2	2
	S1 S2	
	A 39 A 10	
	B 41	
	C 42 D 10	
	D 44 F 10	
	Find the output for following python pandas statements?	
	a. S1[:2]*100	
	b. S1 * S2	
	c. S2[::-1]*10	١.
8	How many elements will be there in the series named "S1"? >>> S1 = pd.Series(range(5,10))	1
	>>> print(S1)	
9	Consider the following series	4
	CapCntry = pd.Series(['NewDelhi', 'WashingtonDC', 'London', 'Paris', 'Tokyo', 'Beijing'], index=['India', 'USA', 'UK', 'France', 'Japan', 'China'])	
	Write the output of the following statements:	
	i) CapCntry[: : 2] ii) CapCntry[5:1:-1] iii) CapCntry[: :-1] iv) CapCntry[3:]	
10	Consider the following code. Write appropriate words to complete	3
	Line1: import pandas as pd	
	Line2: import # Library name Line3: A=np(2,11,2) # function name to get numpy array	
	Line 4: S=pd.Series(, Index=[]) # Data name and indexes	
	Line 5: Print(S)	
		_
	TOTAL	

NAME OF CHAPTER: DATA FRAME

TOPIC: CREATE DATA FRAME by various method

Remove row and column of DataFrame

QN		М		
1	import pandas as pd	2		
	d=[[101,'Gurman',98],[102,'Rajveer',95],[103,'Samar',96],[104,'Yuvraj',88]]			
	c=['sno','Name','Score']			
	stock=pd.DataFrame(d,columns=c)			
	print(stock)			
2	import pandas as pd	2		
	d=[['Nancy Drew',150],\			
	['Hardy boys',180],\			
	['Diary of a wimpy kid',225],\			
	['Harry Potter',500]]			
	c=['Name','Price']			
	stock=pd.DataFrame(d,columns=c)			
	print(stock)			
3	d={'Name':['Nancy Drew','Hardy boys','Diary of a wimpy kid','Harry Potter] 'Price':[150,180,225,500]}	2		
	stock =pd.DataFrame(d)			
	print(stock)			
4	s1=pd.Series(['Nancy Drew','Hardy boys','Diary of a wimpy kid','Harry Potter'])	2		
	s2=pd.Series([150,180,225,500])			
	d ={'Name':s1,'Price':s2}			
	stock=pd.DataFrame(d)			
	print(stock)			
5	Q1 Q2 Q3 Q4	2		
	0 5000 8000 12000 18000			
	1 10 20 30 40			
6	1	2		

Year2={'A' :13000,'B':14000,'C':12000} totSales={1:Year1,2:Year2} df=pd.DataFrame(totSales) print(df) 8 Consider the given DataFrame 'Stock': Name	4
print(df) 8	4
Name Price 0 Nancy Drew 150 1 Hardy boys 180 2 Diary of a wimpy kid 225 3 Harry Potter 500 Write suitable Python statements for the following: i. Add a column called Special_Price with the following data: [135,150,200,440]. ii. Add a new book named 'The Secret' having price 800. iii. Remove the column Price. iv.Remove first and third rows from DataFrame 9 Consider the given DataFrame df:	4
0 Nancy Drew 150 1 Hardy boys 180 2 Diary of a wimpy kid 225 3 Harry Potter 500 Write suitable Python statements for the following: i. Add a column called Special_Price with the following data: [135,150,200,440]. ii. Add a new book named 'The Secret' having price 800. iii. Remove the column Price. iv.Remove first and third rows from DataFrame 9 Consider the given DataFrame df:	
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iii. Remove the column Price. iv.Remove first and third rows from DataFrame 9 Consider the given DataFrame df:	
iv.Remove first and third rows from DataFrame 9 Consider the given DataFrame df:	
9 Consider the given DataFrame df:	
01 02 03 04	4
01 02 03 04	
41 42 43 44	
0 5000 8000 12000 18000	
1 10 20 30 40	
Write suitable Python statements for the following:	
i. Add a column called Q5 with the following data:	
[2000,44].	
ii. Add a new record with appropriate values.	
iii. Remove the column Q2, Q4.	
iv.Remove first and second rows from DataFrame.	
10 Write a python code to create empty DataFrame	1
TOTAL	

NAME OF CHAPTER: DATA FRAME

TOPIC: CREATE DATA FRAME by various method

Remove row and column of DataFrame

QN	Questions					М	
1	Write a Python code to create a DataFrame with appropriate column					2	
	hea	dings from th	ne csv file	given belov	w:		
		city	Maxtemp	Mintemp	Rainfall		
	0	Delhi	40	32	24.1		
	1	Bengaluru	31	25	36.2		
	2	Chennai	35	27	40.8		
	3	Mumbai	29	21	35.2		
2	Writ					p' by using list:	2
		city		Mintemp			
	0	Delhi	40	32	24.1		
	1	Bengaluru	31	25	36.2		
	2	Chennai	35	27	40.8		
	3	Mumbai	29	21	35.2		-
3	Write a Python code to create a DataFrame 'temp' by using dictionary method:					2	
		city		Mintemp			
	0	Delhi	40	32	24.1		
	1	Bengaluru	31	25	36.2		
	2	Chennai	35	27	40.8		
	3	Mumbai	29	21	35.2	/1	+-
4	Write a Python code to create a DataFrame 'temp' by using Series method:					2	
	met	city	Maytoma	Mintemp	Dainfall		
	0	Delhi	40	32	24.1		
	1	Bengaluru	31	25	36.2		
	2	Chennai	35	27	40.8		
	3	Mumbai	29	21	35.2		
5		output of fol	-	е			2
	import pandas as pd						
	x={'Qtr1':[5000,10],'Qtr2':[8000,20],'Qtr3':[12000,30],'Qtr4':[18000,						
	40]}						
	df=pd.DataFrame(x)						
_	print			20			-
6	Find output of following code					2	
	import pandas as pd						
	x={'Qtr1':[5000,10],'Qtr2':[8000,20],'Qtr3':[12000,30],'Qtr4':[18000,						
	40]}						
	totSales={1:x} df=pd.DataFrame(totSales)						
			(totSales)				
	print	(ur)					

```
What will be the output of following code and Answer the following:
                                                                              2
        i. List the index of the DataFrame df
        ii. List the column names of DataFrame df.
     import pandas as pd
     x={'Qtr1':5000,'Qtr2':8000,'Qtr3':12000,'Qtr4': 18000}
     y={'p':13000,'q':14000,'r':12000}
     totSales={1:x,2:y}
     df=pd.DataFrame(totSales)
     print(df)
8
     Consider the given DataFrame 'temp':
                      Maxtemp Mintemp Rainfall
     0
           Delhi
                         40
                                 32
                                           24.1
     1
                         31
                                 25
                                           36.2
           Bengaluru
     2
                         35
                                 27
                                           40.8
           Chennai
                         29
     3
           Mumbai
                                21
                                           35.2
     Write suitable Python statements for the following:
          Add a column called area with the following data:
          [135455,153330,225000,442540].
          Add a new city named 'calcutta having maxtemp 20, mintemp 12
          and rainfall
          Remove the column rainfall.
     iii.
          iv.Remove first and third rows from DataFrame
     Consider the given DataFrame df:
                                                                              4
         Qtr1
                 Qtr2
                         Qtr3
                                   Qtr4
         5000 8000 12000 18000
    0
         10
               20
                      30
                             40
    Write suitable Python statements for the following:
          Add a column called Qtr5 with the following data:
          [1444,20].
     ii.
          Add a new record with appropriate values.
          Remove the column Qtr1, Qtr3.
     iii.
          iv.Remove first and second rows from DataFrame.
10 Write a python code to create empty DataFrame
                                                                              1
```

TOTAL

NAME OF CHAPTER: DATA FRAME

TOPIC: CREATE DATA FRAME by various method

Remove row and column of DataFrame

Q. No	Questions	М
1	Write a Python code to create a DataFrame 'lib' with appropriate column headings from the csv file given below: Pcd title Price qty Poli Notebook 85 500 Poli Poli Police Pencilbox 76 200 Police Police Police Price qty SchoolBag 730 70	2
2	Write a Python code to create a DataFrame 'lib' by using list: Pcd title Price qty 0 P01 Notebook 85 500 1 P02 Pencilbox 76 200 2 P03 WaterBottle 129 50 3 P04 SchoolBag 730 70	2
3	Write a Python code to create a DataFrame 'lib' by using dictionary method: Pcd title Price qty 0 P01 Notebook 85 500 1 P02 Pencilbox 76 200 2 P03 WaterBottle 129 50 3 P04 SchoolBag 730 70	2
4	Write a Python code to create a DataFrame 'lib' by using Series method: Pcd title Price qty 0 P01 Notebook 85 500 1 P02 Pencilbox 76 200 2 P03 WaterBottle 129 50 3 P04 SchoolBag 730 70	2
5	Write a Python code to display output of Transpose of DataFrame . Pcd title Price qty 0 P01 Notebook 85 500 1 P02 Pencilbox 76 200 2 P03 WaterBottle 129 50 3 P04 SchoolBag 730 70	2
6	Write a Python code to create a DataFrame 'lib' with appropriate column headings save the DataFrame in sample.csv: Pcd title Price qty 0 P01 Notebook 85 500 1 P02 Pencilbox 76 200 2 P03 WaterBottle 129 50 3 P04 SchoolBag 730 70	2
7	Write a Python code to create a DataFrame 'temp' and save the DataFrame in temp.csv file	2

	city Maxtemp Mintemp Rainfall				
	0 Delhi 40 32 24.1				
	1 Bengaluru 31 25 36.2				
	2 Chennai 35 27 40.8				
	3 Mumbai 29 21 35.2				
8	Consider the given DataFrame:	4			
	Pcd title Price qty				
	0 P01 Notebook 85 500				
	1 P02 Pencilbox 76 200				
	2 P03 WaterBottle 129 50				
	3 P04 SchoolBag 730 70				
	Write suitable Python statements for the following:				
	 Add a column called ACC_NO with the following data: 				
	[135,153,225,442].				
	ii. Add a new Record				
	iii. Remove the column qty.				
	iv. Remove first and third rows from DataFrame				
9	Consider the given DataFrame df:	4			
9	A B C D	4			
	0 50 80 120 180				
	1 110 120 130 140				
	The state of the s				
	Write suitable Python statements for the following: i. Add a column called E with the following data: [14,220].				
	ii. Add a rew record with appropriate values.				
	iii. Remove the column A, C.				
	iv. Remove the column A, C. iv. Remove first and second rows from DataFrame.				
10	그 마일 사람 보고 보는 것이 없는 아니는 이 바로에 다른 아니라 이 아니라 나는 아니라 나는 아니라 나를 하는 것이다. 그리는 아니라는 그리는 아니라 그리는 아니라 그리는 아니라 나를 하는데 아니라 그리는 아니라 그리는 아니라 그리는 아니라 그리는 아니라 그리는 아니라 아니라 그리는 아니라 그리는 아니라 그리는 아니라 그리는 아니라 그렇게 하는데 아니라 그리는 아니라 그렇게 되었다.				
10	Consider the given DataFrame df: A B C D				
	0 50 80 120 180				
	1 110 120 130 140				
	Write python code to Transpose df.				
	18 E				
	TOTAL				
	1				

+++

