

JUNE 2025

SUMMER VACATION HOLIDAY HOMEWORK

2025-2026

CLASS : - XII COMMERCE

SESSION: 2025-2026

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!

ACTIVITIES

















		Homewor	PR S		
SUMMERCE FORM					
Sr. No.	Subjects	Name of Subject Teacher	Phone No.		
1	ENGLISH	MS. RAMA	7007903761		
2	ACCOUNTANCY	MR. AMIT LUTHRA	9718438787		
	$- \wedge \checkmark$	(Class Teacher)			
3	B.STUDIES	MR. AMIT LUTHRA	9718438787		
4	ECONOMICS	MR. SATYAM	8317051636		
5	I.P.	MR. ANIL KUMAR	8222911803		
6	MUSIC	MR. NAVDEEP	9876205809		
7	FINE ARTS	MS. RIYA RAJ	9341814286		
8	PHYSICAL Ed.	MR. PANKAJ	- 8168121826		
	+4	DLIDAYS*			

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



		Section C - Literature			
		1. Hornbill: Read and prepare summaries of the following:			
		The Portrait of a Lady			
		We're Not Afraid to Die			
		2. Snapshots:			
		Read The Summer of the Beautiful White Horse and write a			
		character sketch of John Byro			
2	ACCOUNTANCY	 Read and Explain the Concept of Partnership meaning and Partnership Deed and explain the principles regarding absence of partnership deed. Explain the meaning, factors and valuation of goodwill. Do the worksheet attached below. 			
3	B. STUDIES	 Write 40 case study related to nature and meaning of management. Write 20 case study related to Principle of Management. 			
4	ECONOMICS	 Complete the Project Work assigned in Class. (a)Government Budget (b) RBI (c)Foreign Exchange Do proper revision of Ch-National Income, Banking, Indian Economy: On eve of Independence, Ch-Indian Economy 1950 to 1990. 			
5	<u>I.P.</u>	Do the Given reading, revision & project file work according to the attached document.			
	\sim	1. Complete the practical file of Music (sample copy attached			
6	MUSIC	here for the same) https://drive.google.com/file/d/1BrSfOXsZOEfuNUKBVIXKE_sE4-vUYce_/view?usp=sharing			
		1. Make Practical File of any of the 2 games			
7	PHY. EDU.	 (Football, Badminton, Cricket, Basketball) 2. Learn relaxation technique for improving concentration 3. Learn and perform 7 sitting yoga asana Make Notes of Ch-2 in Fair Notebook. 			
8	FINE ARTS	 Make 2 landscape with human composition on A3 paper and colour it with water colour Make 2 still life in two different mediums. 			

Work Sheet -1

Class- 12th Commerce

Multiple Choice Questions

1. A, B and C are partners. A's capital is 3,00,000 and B's capital is 1,00,000, Chas not invested any amount as capital but he alone manages the whole business. C wants 30,000 p.a. as salary, though the deed is silent. Firm earned a profit of 1,50,000. How much will each partner receives as an appropriation of profits?

(a) A 60,000; B 60,000; C 30,000

(b) A 90,000; B30,000; C30,000

(c) A 40,000; B40,000 and C70,000

(d) A 50,000; B50,000 C50000

2. Which of the following is true regarding Salary to a partner when the firm maintains fluctuating capital accounts?

(a) Debit Partner's Loan A/c and Credit Profit and Loss Appropriation A/c

(b) Debit Profit and Loss A/c and Credit Partner's Capital A/c

(c) Debit Profit and Loss Appropriation A/c and Credit Partner's Current A/c

(d) Debit Profit and Loss Appropriation A/c and Credit Partner's Capital A/c

3. Vihaan and Mann are partners sharing profits and losses in the ratio of 3:2. The firm maintains fluctuating capital accounts and the balance of the same as on 31st March, 2022, is ₹ 4,00,000 and 4,65,000 for Vihaan and Mann respectively. Drawings during the year were 65,000 each. As per the partnership Deed, Interest on capital @ 10% p.a. on Opening Capital has been allowed to them. Calculate the opening capital of Vihaan given that the divisible profits during the year 2021-22 was :

(a) ₹3,30,000

(b) 4,00,000

(c) ₹4,40,000

(d) 3,00,000

4. A, B and C were partners in a firm. As per the partnership deed, interest on drawings is to be annum. B withdrew a fixed amount at the end of every quarter. Interest on his charged @ 10% per drawings amounted to ₹9,000. The amount of his drawings per quarter were:

(a) 2,40,00

(6) 1,80,000

(c) 60,000

(d) 80,000

5. Abhay and Baldwin are partners sharing profit in the ratio 3:1. On 31st March 2021, the firm's profit is 1,25,000. The partnership deed provided interest on capital to Abhay and Baldwin 15,000 & 10,000 respectively and Interest on drawings for the year amounted to 6000 from Abhay and 4000 from Baldwin. Abhay is also entitled to commission @ 10% on net divisible profit Calculate profit to be transferred to Partner's Capital A/cs
(a) 1,10,000
(b) 1,00,000
(c) 1,07,000
(d) 90,000
6. In a partnership firm, 65,000 is to be transferred to General Reserve from Net profit of 90,000 journal entry would be:
(a) General Reserve A/c
Dr. ₹65,000
To Profit and Loss Appropriation A/c
65,000
(b) Profit and Loss Appropriation A/c
Dr. 65,000
To General Reserve A/c
*65,000
(c) Profit and Loss A/c
Dr. ₹65,000
To General Reserve A/c
₹65,000
(d) Profit and Loss Appropriation A/c
Dr. ₹90,000
90,000 OLIDRY
To General Reserve A/c
Short Answer Questions
7. State any four features of a partnership.
8. Explain the provision applicable in the absence of Partnership Deed.
9. List any four contents of a partnership deed.
10. Distinguish between fixed and fluctuating capital.

11. How would you calculate interest on drawings of equal amounts drawn in the middle of every month?

12. Neena and Sara were partners in a firm with fixed capitals of 5,00,000 and 4,00,000 respectively It was discovered that interest on capital @ 6% p.a. was credited to the partners for the two-year ending 31st March 2018 and 31st March 2019 whereas there was no such provision in the partnership deed. Their profit-sharing ratio during the last two years was:

2017-18	4:5
2018-19	5:1

Pass an adjustment entry and show the workings clearly.

[Ans. Dr. Ajay's Capital A/c 52,000, Cr. Manish's Capital A/c 74,000 and Sachin's Capital A 48,000]

13. Explain the rules for Calculation of Drawings of equal amount made Quarterly.

14. A and B are partners in a firm sharing profits and losses in the ratio of 3:2. The following was the

Balance Sheet of the firm as on 31-3-2017:

Liabilities Capitals: A

Liabilities	Assets
Capital A= 60,000	Sundry Assets 80,0000
B= 20,000	

The profits 30,000 for the year ended 31-3-2017 were divided between the partners without allowing interest on capital @ 12% p.a. and salary to A @ 1,000 per month. During the year, A withdrew 10,000 and B 20,000.

Pass the necessary adjustment journal entry and show your working clearly

[Ans. Dr. B's Capital A/c 5,280, Cr. A's Capital Ac 5.280.) [CBSE Delhi 2017(C))

15. Prem, Param and Priya were partners in a firm. Their fixed capitals were Prem 2,00,000; Param 3,00,000 and Priya ₹5,00,000. They were sharing profits in the ratio of their capitals. The firm was engaged in the sale of ready-to-eat food packets at three different locations in the city, each being managed by Prem, Param and Priya. The outlet managed by Prem was doing more business than the outlets managed by Param and Priya. Prem requested Param and Priya for a higher share in the profits of the firm which Param and Priya accepted. It was decided that the new profit sharing ratio will be 2: 1:2 and its effect will be introduced retrospectively for the last four y years. The profits of the last four years were 2,00,000; 3,50,000; 4,75,000 and 5,25,000 respectively. Showing your calculations clearly, **Pass a necessary adjustment entry** to give effect to the new agreement between Prem, Param and Priya. [CBSE (AI) 2015]

[Ans. Dr. Param's Current A/c, 1,55,000 and Priya's Current A/c 1,55,000, Cr. Prem's Current A/c 3,10,000]

16. E, F and G were partners in a firm sharing profits in the ratio of 3: 3: 4. Their respective fixed capitals were E 3,00,000; F 4,00,000 and G 5,00,000. The partnership deed provided for allowing interest on capital @ 12% p.a. even if it results into a loss to the firm. The net profit of the firm for the year ended 31st March 2018 was 2,10,000. **Pass necessary journal entries** for allowing (CBSE 2019(67/4/3) interest on capital and division of profit/loss in the books of the firm.

[Ans. Divisible Profit = 766,000]

17. A and B are partners in the ratio of 3:2. The firm maintains fluctuating capital accounts and the balance of the same as on 31st March 2020 amounted to 1,60,000 and 1,40,000 for A and B respectively. Their drawings during the year were ₹30,000 each.

As per partnership deed interest on capital @ 10% p.a. on opening capitals had been provided to [CBSE Sample Question Paper 2021] them. Calculate opening capitals of partners given that their profits were 90,000. **Show your workings clearly.**

[Ans. Opening Capitals: A 1,38,364 B 1,31,636]

18. Mohan, Sohan and Suresh were partners in a firm sharing profits in the ratio of 2:2:1. Suresh was guaranteed a profit of 70,000. Any deficiency on account of guarantee to Suresh was to be borne by Mohan and Sohan in 3:2 ratio. The profit of the firm for the year ended 31.3.2022 amounted to 72,00,000.

Prepare Profit and Loss Appropriation Account of the firm for the year ended 31.3.2022.

Ans. Profit transferred to Partners' Capital Accounts: Mohan 62,000, Sohan 768,000, Suresh 70,000]

19. Amay, Anmol and Rohan entered into partnership on 1st July 2021 to share profits and losses in the ratio of 3:2:1. Amay guaranteed that Rohan's share of profit after charging interest on capital pa. would not be less than 36,000 p.a. Their fixed capital balances are: 2,00,000, 1,00,000 and 21,00,000 respectively. Profit for the year ended 31st March, 2022 was 1,38,000.

Prepare Profit and Loss Appropriation Account.

[Ans. Profit transferred to Partners' Current Accounts: Amay 53,000, Anmol 40,000, Rohan 27,000

20. Kanika and Gautam are partners in a dry cleaning business in Lucknow, sharing profits in the ratio 2:1 with capitals 5,00,000 and 4,00,000 respectively. Kanika withdrew the following amounts during the year to pay the hostel expenses of her son:

1 st April	10	10,000	5.	
1 st June		9,000		0
1 st November	\sim	14,000		\smile
1 st December	\sim	5,000	\sim	\sim

Gautam withdrew 15,000 on the first day of April, July, October and January to pay rent for the accommodation of his family. He also paid 20,000 per month as rent for the office of partnership firm which was in a nearby shopping complex.

Calculate interest on the Drawings @ 6% p.a.

[Ans. Interest on Kanika's drawings 1,500, Interest on Gautam's drawings 2,250]

21. Vikas and Vivek were partners in a firm sharing profits in the ratio of 3: 2. On 1st April 2014 the admitted Vandana as a new partner for 1/8th share in the profits with a guaranteed profit o 1,50,000. The new profit-sharing ratio between Vivek and Vikas will remain the same but the decided to bear any deficiency on account of guarantee to Vandana in the ratio 2: 3. The profit the firm for the year ended 31st March 2015 was 9,00,000.

Prepare Profit and Loss Appropriation Account of Vikas, Vivek and Vandana for the year end 31st March, 2015. [Ans. Net Profit transferred to: Vikas 4,57,500; Vivek 2,92,500 and Vandana 1,50,000]

Long Answer Questions

22. A, B and C were partners in a firm having capitals of 80,000; 780,000; and 740,000 respectively. Their Current Account balances were A: 10,000; B: 75,000 and C: 2,000 (Dr). According to partnership deed, the partners were entitled to an interest on capital @5% p.a. C, being the work partner was also entitled to a salary of 26,000 p.a. The profits were to be divided as follows:

(a) The First 20,000 in proportion to their capitals.

(b) Next 30,000 in the ratio 5:3:2.

(c) Remaining profits to be shared equally.

The firm made a profit of 1,56,000 before charging any of the above items. **Prepare Profit and Appropriation Account and pass the necessary Journal Entry** for the apportionment of profit **[Ans. Share in profit: A 53,000, B 47,000, C 40,000**

23. A, B and C were partners. Their fixed capitals were 60,000, 40,000 and 20,000 respectively. Their profit-sharing ratio was 2:2:1. According to the partnership deed, they were entitled to interest on capital @ 5% p.a. In addition, B was also entitled to draw a salary of 1,500 per month. C was entitled to a commission of 5% on the profits after charging the interest on capital, but before charging the salary payable to B. The net profits for the year, 80,000, were distributed in the ratio of their capitals without providing for any of the above adjustments. **Showing your workings clearly pass the necessary adjustment entry.**

[Ans. Divisible Profits 52,300, C's Commission 3.700, Dr. A's Current A/c 16,080, Cr. B's Current A/c 14,253 and C's Current A/c 1,827]

24. Singh and Gupta decided to start a partnership firm to manufacture low cost jute bags as plastic bags were creating many environmental problems. They contributed capitals of 21,00,000 and 50,000 on 1st April, 2012 for this. Singh expressed his willingness to admit Shakti as a partner without capital, who is specially abled but a very creative and intelligent friend of his. Gupta agreed to this. The terms of partnership were as follows:

(1) Singh, Gupta and Shakti will share profits in the ratio of 2:2:1.

(i) Interest on capital will be provided @6% p.a.

Due to shortage of capital, Singh contributed 25,000 on 30th September 2012 and Gupta contributed 10,000 on 1st January, 2013 as additional capital. The profit of the firm for the year ended 31st March 2013 was ₹1,68,900. Prepare Profit and Loss Appropriation Account for the year ending 31st March, 2013.

[Ans. Profit transferred to: Singh's Capital A/c 763,600, Gupta's Capital A/c 63,600, Shakti's Capital A/c 31,800]

25. On 31st March, 2014, the balances in the Capital Accounts of Esha, Manav and Daman after making adjustments for profits and drawings were 3,20,000, 2,40,000 and 1,60,000 respectively. Subsequently it was discovered that interest on capital and drawings had been omitted.

(i) The profit of the year ended 31st March, 2014 was ₹90,000.

(i) During the year, Esha and Manav each withdrew a sum of 48,000 in equal instalments in the middle of every month and Daman withdrew 760,000.

(ii) The interest on drawings was to be charged @5% p.a. and interest on capital was to be allowed @ 10% p.a.

(iv) The profit-sharing ratio among the partners was 3:2:1. Showing your workings clearly, pass the necessary rectifying entry. (CBSE (AI) 2015 (C))

[Ans. Esha's Capital A/c (Dr.) ₹6,250, Manav's Capital A/c (Dr.) 300, Daman's Capital A/c (Cr.) *6,550]

26. Ankur, Bhavna and Disha are partners in a firm. On 1st April 2016 the balance in their capital accounts stood at 14,00,000, 76,00,000 and 4,00,000 respectively. They shared profits in the proportion of 7:3: 2 respectively. Partners are entitled to interest on capital @ 6% per annum and salary to Bhavna @ 50,000 p.a. and a commission of ₹3,000 per month to Disha as per the provisions of the partnership deed.

Bhavna's share of profit (excluding interest on capital) is guaranteed at not less than 1,70,000 p.a. Disha's share of profit (including interest on capital but excluding salary) is guaranteed at not less than 1,50,000 p.a. Any deficiency arising on that account shall be met by Ankur. The profits of the [CBSE (AI) 2013 firm for the year ended 31st March 2017 amounted to 9,50,000. Prepare 'Profit and Loss Appropriation Account' for the year ended 31st March, 2017.

[Ans. Profit transferred to Ankur's Capital ₹4,14,000, Bhavna's Capital 1,80,000 and Disha's Capital 1,26,000]

27. A, B and C were partners in a firm sharing profits and losses in the ratio of 3:3:4. On 1st April, 2017 the balances in their Capital and Current Accounts were as follows:

Name of Partners	Capital Accounts	Current Accounts
A	4,00,000 Cr	20,000 Dr
B	5,00,000 Cr	10,000 Dr
с С	6,00,000 Cr	15,000 Dr

Their partnership deed provided for the following:

(i) Interest on Capital @ 9% p.a.

(i) Salary to A @ 50,000 per quarter.

On 1st January, 2016 C had given a loan of 2,00,000 to the firm at 6% per annum interest. During the year their drawings were A 40,000, B75,000 and C 55,000. On 1st January, 2018, A introduced further capital 2,00,000. The net profit of the firm before allowing interest on C's loan was 4,00,000.

Prepare Profit and Loss Appropriation Account of the firm for the year ending 31st March, 2018 and the Current Accounts of the partners. [CBSE 2019 (67/5/2)]

[Ans. Divisible Profits 48,500, (Dr.) A's Current A/c (Cr.) ₹1,95,050, C's Current Account (Cr.) 3,400; (Cr) B's Current Account (Dr.) *25,450.]

CLASS XII - IP NAME OF CHAPTER: Series

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

10	DR	KS	HE	ET	N	0.	1
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ON	Questions	M
QIN.	Questions	
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	M
1	Which attribute is used to get total number of elements in a Series?a. sizeb. itemsizec. shaped. 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 CLASS12b. import pandas as 1pdc. import pandas as pd1d. 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']) l=[2,6,1,4,6] S2=pd.Series(l,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 1 Red 2 Green 3 Orange 4 Yellow 5 Black dtype: object Write the command that generates the output as: 2 Green 4 Yellow dtype: object	1
6	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'])	2

7	Given two series S1 and S2			2
	SI		82	
	A 39	A	10	
	B 41	R	10	
	C 42	D	10	
	D 44	E	10	
		r	10	
	Find the output for following python pandas state	mer	115?	
	a. S1[:2]*100			
	b. S1 * S2			
	c. S2[::-1]*10			
8	How many elements will be there in t	he	series named "S1"?	1
	>>> S1 = pd.Series(range(5,10))			
0	Source the following series			1
9	CapCntry = pd.Series(['NewDelh	i'.	'WashingtonDC', 'London', 'Paris', 'Tokyo',	4
	'Beijing'], index=['India', 'USA',	'ÚI	K', 'France', 'Japan', 'China'])	
	Write the output of the following	ng	statements:	
	i) CapCntry[::2]	į	i) CapCntry[5:1:-1]	
10	III) Capentry[::-1]	1	v) CapCntry[3:]	-
10	Line1: import pandas as pd	рг	opriate words to complete	5
	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)			
	ΤΟΤΑΙ			+
				-

NAME OF CHAPTER: DATA FRAME TOPIC: CREATE DATA FRAME by various method Remove row and column of DataFrame

QN						
1	import pandas as pd					
	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				
	<pre>stock =pd.DataFrame(d)</pre>					
	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])					
	<pre>d ={'Name':s1,'Price':s2}</pre>					
	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				

	<pre>import pandas as pd Year1={'Q1':5000,'Q2':8000,'Q3':12000,'Q4': 18000} Year2={'A' :13000,'B':14000,'C':12000} totSales={1:Year1,2:Year2} df=pd.DataFrame(totSales) print(df)</pre>	
8	Consider the given DataFrame 'Stock': 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	4
9	Consider the given DataFrame df: Q1 Q2 Q3 Q4 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.	4
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 c	ode to crea	ate a Data	Frame with	appropriate column	2
	headi	ngs from th	ne csv file g	given below	N:		
	1000	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	Write	a Python c	ode to crea	ate a Data	Frame 'tem	p' by using list:	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		
3	Write	a Python c	ode to crea	ate a Data	Frame `tem	p' by using dictionary	2
	meth	00:			D-1-6-11		
		CITY	Maxtemp	Mintemp	Rainfall		
	0	Deini	40	32	24.1		
	1	Bengaluru	31	25	36.2		
	2	Chennal	35	2/	40.8		
	J		29		33.2 Eromo \tom	n' by using Carios	
4	meth	a Python C		ale a Dala	Frame tem	p by using series	2
	meun	city	Maxtemp	Mintemn	Rainfall		
	0	Delbi	40	32	24.1		
	1	Bengaluru	31	25	36.2		
	2	Chennai	35	27	40.8		
	3	Mumbai	29	21	35.2		
5	Find or	utput of fol	lowing code	e			2
1115174	import	pandas as	pd				
	x={'Q	tr1':[5000,:	10],'Qtr2':[8000,201,	Qtr3':[1200	00,30],'Qtr4':[18000,	
	40]}						
	df=pd.	DataFrame	(x)				
	print(d	lf)					
6	Find o	utput of foll	lowing code	е			2
	import	: pandas as	pd				
	x={'Q	tr1':[5000,:	10],'Qtr2':[8000,20],	'Qtr3':[1200	00,30],'Qtr4':[18000,	
	40]}						
	totSale	es={1:x}					
	df=pd.	DataFrame	(totSales)				
	print(c	lf)					

7	<pre>What will be the output of following code and Answer the following: 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)</pre>	2
8	Consider the given DataFrame `temp':	4
	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	
	Write suitable Python statements for the following:	
	 Add a column called area with the following data: 	
	[135455,153330,225000,442540].	
	ii. Add a new city named 'calcutta having maxtemp 20, mintemp 12	
	and rainfall	
	iii. Remove the column rainfall.	
	iv. iv.Remove first and third rows from DataFrame	
9	Consider the given DataFrame df:	4
	Qtr1 Qtr2 Qtr3 Qtr4	
	1 10 20 30 40 Write suitable Duther statements for the following:	
	write suitable Python statements for the following:	
	I. Add a column called Qtr5 with the following data:	
	[1444,20]. ii Add a new record with appropriate values	
	iii Demove the column Otr1 Otr3	
	iv. iv. Remove first and second rows from DataFrame	
10	Write a nython code to create empty DataFrame	1
10	time a python code to create empty batarrane	-
	TOTAL	

NAME OF CHAPTER: DATA FRAME TOPIC: CREATE DATA FRAME by various method Remove row and column of DataFrame

Q. No	Questions			
1	Write a Python code to headings from the csv Pcd title 0 P01 Notebook	creat file g Price 85	e a DataFrame `lib' with appropriate column iven below: qty 500	2
	1 P02 Pencilbox 2 P03 WaterBottle	76 129	200 50	
_	3 P04 SchoolBag	/30	70	
2	Prd title	Price	e a Data-rame lib by using list:	2
	0 P01 Notebook	85	500	
	1 P02 Pencilbox	76	200	
	2 P03 WaterBottle	129	50	
	3 P04 SchoolBag	730	70	
3	Write a Python code to method:	creat	e a DataFrame 'lib' by using dictionary	2
	Pcd title F	Price	qty	
	0 P01 Notebook	85	500	
	1 P02 Pencilbox	76	200	
	2 P03 WaterBottle	129	50	
	3 P04 SchoolBag	730	70	
4	Write a Python code to	creat	e a DataFrame 'lib' by using Series method:	2
	Pcd title	Price	qty	
	0 P01 Notebook	85	500	
	1 P02 Pencilbox	76	200	
	2 PU3 WaterBottle	129	50	
-	3 P04 SchoolBag	/30		-
5	Ped title	aispia	ay output of Transpose of Data-rame.	2
	0 P01 Notebook	85	4LY 500	
	1 PO2 Pencilbox	76	300	
	2 PO3 WaterBottle	120	50	
	3 P04 SchoolBag	730	70	
6	Write a Python code to	creat	e a DataFrame 'lib' with appropriate column	2
(See and	headings save the Dat	aFran	ne in sample.csv:	25
	Pcd title F	Price	qty	
	0 P01 Notebook	85	500	
	1 P02 Pencilbox	76	200	
	2 P03 WaterBottle	129	50	
	3 P04 SchoolBag	730	70	
7	Write a Python code to	creat	e a DataFrame `temp' and save the	2
	DataFrame in temp.csv	/ file		

	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:	
	i. Add a column called ACC_NO with the following dat	a:
	[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
	A B C D	
	0 50 80 120 180	
	1 110 120 130 140	
	Write suitable Python statements for the following:	
	i. Add a column called E with the following data: [14	220].
	ii. Add a new record with appropriate values.	
	iii. Remove the column A, C.	
	iv. Remove first and second rows from DataFrame.	
10	Consider the given DataFrame df:	1
	A B C D	
	0 50 80 120 180	
	1 110 120 130 140	
	Write python code to Transpose df.	
	and the second se	

