

CHAPTER 6

APPLICATIONS OF DERIVATIVES

1. The side of a square is increasing at the rate of 0.2 cm/sec. Find the rate of increase of perimeter of the square.
2. The radius of the circle is increasing at the rate of 0.7 cm/sec. What is the rate of increase of its circumference?
3. If the radius of a soap bubble is increasing at the rate of $\frac{1}{2}$ cm/sec. At what rate its volume is increasing when the radius is 1 cm.
4. A stone is dropped into a quiet lake and waves move in circles at a speed of 4 cm/sec. At the instant when the radius of the circular wave is 10 cm, how fast is the enclosed area increasing?
5. The total revenue in rupees received from the sale of x units of a product is given by
$$R(x) = 13x^2 + 26x + 15.$$
 Find the marginal revenue when $x = 7$.
6. Find the maximum and minimum values of function $f(x) = \sin 2x + 5$.
7. Find the maximum and minimum values (if any) of the function
$$f(x) = -|x - 1| + 7 \quad \forall x \in R.$$
8. Find the value of a for which the function $f(x) = x^2 - 2ax + 6$, $x > 0$ is strictly increasing.
9. Write the interval for which the function $f(x) = \cos x$, $0 \leq x \leq 2\pi$ is decreasing.
10. What is the interval on which the function $f(x) = \frac{\log x}{x}$, $x \in (0, \infty)$ is increasing?
11. For which values of x , the functions $y = x^4 - \frac{4}{3}x^3$ is increasing?

12. Write the interval for which the function $f(x) = \frac{1}{x}$ is strictly decreasing.
13. Find the sub-interval of the interval $(0, \pi/2)$ in which the function $f(x) = \sin 3x$ is increasing.
14. Without using derivatives, find the maximum and minimum value of $y = |3 \sin x + 1|$.
15. If $f(x) = ax + \cos x$ is strictly increasing on R , find a .
16. Write the interval in which the function $f(x) = x^9 + 3x^7 + 64$ is increasing.
17. What is the slope of the tangent to the curve $f = x^3 - 5x + 3$ at the point whose x co-ordinate is 2?

V. Children and Women in Sports

1. Which muscles are involved in child body for gross motor development?
(a) Small (b) Large
(c) Medium (d) None of the above
2. Fine motor skill involves?
(a) Large muscles (b) Bones of the body
(c) Organs of the body (d) Small muscles
3. What is the cause of knock-knee?
(a) Weakness of muscles (b) Weakness of skeleton
(c) Weakness of legs (d) Weakness of foot
4. What is the cause of flat foot?
(a) Loss of tone in muscle supporting the arch
(b) Due to over weight
(c) Stress on the knee
(d) None of the above
5. Hunch on the back is known as?
(a) Flat foot (b) Knock knee
(c) Lordosis (d) None of the above
6. Hollow back is also known as?
(a) Flat foot (b) Lordosis
(c) Scoliosis (d) Knock-knee
7. Name the motor development stages in children?
(a) Infancy (b) Early childhood
(c) Middle and late childhood (d) All the above
8. Who was the first Indian woman participated in olympics?
(a) P.T. Usha (b) Karnam Malleswari
(c) P.V. Sindhu (d) Geeta Phogat
9. Menopause is related to?
(a) Physiological change in women
(b) Psychological change in women
(c) Anatomical change in women
(d) None of the above

10. What is Menarche?
(a) Start of a menopause (b) Biological change
(c) First menstruation (d) Anatomical change
11. What do you mean by amenorrhea?
(a) Absence of menstrual period
(b) Normal menstrual cycle
(c) Irregular periods
(d) All the above
12. What is osteoporosis?
(a) Anatomical disorder (b) Muscular disorder
(c) Weakness of the bones (d) None of the above
13. What is Bulimia?
(a) Excess exercise (b) Excess eating
(c) Excess sleeping (d) None of the above
14. What is anorexia?
(a) Over eating (b) Dieting
(c) Restricting diet (d) None of the above

Answer

- | | | | | | |
|---------|---------|--------|---------|---------|---------|
| 1. (b) | 2. (d) | 3. (a) | 4. (a) | 5. (d) | 6. (b) |
| 7. (d) | 8. (b) | 9. (a) | 10. (c) | 11. (a) | 12. (c) |
| 13. (d) | 14. (c) | | | | |

O.P. JINDAL SCHOOL, ANGUL

Question Bank Class 12

Q1. Which of the following statement is Transposing the DataFrame 'DF1'?

- a. `DF1.transpose`
- b. `DF1.T`
- c. `DF1.Trans`
- d. `DF1.t`

Ans. b. `DF1.T`

Q2. Following statement will display _____ rows from DataFrame 'DF1'.

`>>> DF1.head()`

- a. All
- b. 2
- c. 3
- d. 5

Ans. d. 5

Q3. Which of the following function display the last 'n' rows from the DataFrame?

- a. `head()`
- b. `tail()`
- c. `Tail()`
- d. None of the above

Ans. b. `tail()`

Q4. Which property of dataframe is used to check that dataframe is empty or not?

- a. isempty
- b. isEmpty
- c. empty
- d. Empty

Ans. c. empty

Q5. Write the output of the statement
>>>df.shape , if df has the following structure.

	Name	Class	Rollno
0	Amit	6	1
1	Anil	7	2
2	Ravi	8	3

- a. (3, 4)
- b. (4, 3)
- c. (3, 3)
- d. None of the above

Ans. c. (3, 3)

Python dataframe MCQ Class 12

Q6. Write the output of the statement
>>>df.size , if df has the following structure:

	Name	Class	Rollno
0	Amit	6	1
1	Anil	7	2
2	Ravi	8	3

- a. 9
- b. 12
- c. 6
- d. None of the above

Ans. a. 9

Q7. Write the output of the statement
>>>df.empty , if df has the following structure:

	Name	Class	Rollno
0	Amit	6	1
1	Anil	7	2
2	Ravi	8	3

- a. True
- b. False
- c. Yes
- d. None of the above

Ans. b. False

Q8. Parameters of read_csv() function
is _____

- a. sep
- b. header
- c. Both of the above
- d. None of the above

Ans. c. Both of the above

Q9. Which of the following function is used
to load the data from the CSV file into a
DataFrame?

- a. read.csv()
- b. readcsv()
- c. read_csv()
- d. Read_csv()

Ans. c. read_csv()

Q10. The default value for sep parameter is _____

- a. comma
- b. semicolon
- c. space
- d. None of the above

Ans. c. space

Python dataframe MCQ Class 12

Q11. Write statement to display the row labels of 'DF'.

- a. DF.Index
- b. DF.index()
- c. DF.index
- d. DF.row_index

Ans. c. DF.index

Q12. Write statement to display the column labels of DataFrame 'DF'

- a. DF.Column
- b. DF.column
- c. DF.columns
- d. DF.Columns

Ans. c. DF.columns

Q13. Display first row of dataframe 'DF'

- a. print(DF.head(1))
- b. print(DF[0 : 1])
- c. print(DF.iloc[0 : 1])
- d. All of the above

Ans. d. All of the above

Q14. Display last two rows from dataframe 'DF'

- a. `print(DF[-2 : -1])`
- b. `print(DF.iloc[-2 : -1])`
- c. `print(DF.tail(2))`
- d. All of the above

Ans. c. `print(DF.tail(2))`

Q15. Write statement to display the data types of each column of dataframe 'DF'.

- a. `DF.types()`
- b. `DF.dtypes`
- c. `DF.dtypes()`
- d. None of the above

Ans. b. `DF.dtypes`

Python dataframe MCQ Class 12

Q16. Write statement to display the dimension of dataframe 'DF'.

- a. `DF.dim`
- b. `DF.ndim`
- c. `DF.dim()`
- d. None of the above

Ans. b. `DF.ndim`

Q17. Write statement to transpose dataframe DF.

- a. `DF.T`
- b. `DF.transpose`

- c. DF.t
- d. DF.T()

Ans. a. DF.T

Q18. Write statement to display first two columns of dataframe 'DF'.

- a. DF[DF.columns[0 : 2]]
- b. DF.columns[0 : 2]
- c. Both of the above
- d. None of the above

Ans. a. DF[DF.columns[0 : 2]]

Q19. Write statement to display the shape of dataframe 'DF'.

- a. DF.Shape
- b. DF.shape
- c. DF.shapes
- d. DF.Shapes

Ans. b. DF.shape

Q20. Write a statement to Check if DF is empty or it contains data.

- a. DF.Empty
- b. DF.empty()
- c. DF.empty
- d. None of the above

Ans. c. DF.empty

Python dataframe MCQ Class 12

Python dataframe MCQ Class 12

Consider the DataFrame 'DF' given below and answer the questions .Following DataFrame 'DF' containing year wise sales figures for five sales persons

	2014	2015	2016	2017
Madhu	100.5	12000	20000	50000
Kusum	150.8	18000	50000	60000
Kinshuk	200.9	22000	70000	70000
Ankit	30000	30000	10000	80000
Shruti	40000	45000	125000	90000

Python DataFrame 'DF'

Q21. Write a statement to append the DataFrame 'DF2' to the DataFrame 'DF'

- a. `DF.append(DF2)`
- b. `DF2.append(DF)`
- c. `DF2.update(DF)`
- d. None of the above

Ans. a. `DF.append(DF2)`

Q22. Write a statement to display the sales made by all sales persons in the year 2017.

- a. `print(DF.loc[:, 2017])`
- b. `print(DF[2017])`
- c. Both of the above
- d. None of the above

Ans. `print(DF.loc[2017])`

Q23. Write a statement to add new column for another year '2018' with values 55000, 65000, 75000, 85000, 95000

- a. `DF[2018] = 55000, 65000, 75000, 85000, 95000`**
- b. `DF[2018] = [55000, 65000, 75000, 85000, 95000]`**
- c. `DF[2018] = (55000, 65000, 75000, 85000, 95000)`**
- d. All of the above**

Ans. d. All of the above

Q24. Write a statement to add new row for 'Raman' with values 55000, 66000, 77000, 88000

- a. `DF.loc['Raman'] = 55000, 66000, 77000, 88000`**
- b. `DF.loc['Raman'] = [55000, 66000, 77000, 88000]`**
- c. Both of the above**
- d. None of the above**

Ans. c. Both of the above

Q25. Raman was caught in the case of cheating so his Boss decided to set his sales of all years to 0(Zero). Help him to write the code for same.

- a. `DF.loc['Raman'] = {0}`**
- b. `DF.loc['Raman'] = [0]`**
- c. `DF.loc['Raman'] = 0`**
- d. All of the above**

Ans. c. `DF.loc['Raman'] = 0`

Python dataframe MCQ Class 12

Q26. Write a statement to delete the record of 'Shruti'

- a. `print(DF.drop('Shruti',axis=0))`
- b. `print(DF.drop('Shruti'))`
- c. both of the above
- d. none of the above

Ans. c. both of the above

Q27. Write a statement to delete a column having column label as 2017.

- a. `print(DF.drop(2017,axis=0))`
- b. `print(DF.drop(2017,axis=1))`
- c. `print(DF.drop('2017',axis=1))`
- d. All of the above

Ans. b. `print(DF.drop(2017,axis=1))`

Q28. Write a statement to delete two columns having column label as 2017 and 2016

- a. `print(DF.drop([2017, 2016], axis=1))`
- b. `print(DF.drop((2017, 2016), axis=1))`
- c. Both of the above
- d. `print(DF.drop([2017,2016],axis=0))`

Ans. a. `print(DF.drop([2017, 2016], axis=1))`

Q29. Replace the row label 'Ankit' with 'Ankita' in dataframe 'DF'

- a. `DF.Rename({'Ankit' : 'Ankita'})`

- b. `DF.rename({'Ankit' : 'Ankita'})`
- c. `DF.repalce({'Ankit':'Ankita'})`
- d. None of the above

Ans. b. `DF.rename({'Ankit' : 'Ankita'})`

Q30. Replace the column label from 2016 to 2020.

- a. `DF.rename({2016 : 2020}, axis = 'columns')`
- b. `DF.rename({2016 : 2020}, axis = 'index')`
- c. `DF.rename({2016 : 2020}, axis = 'column')`
- d. `DF.rename({2016 : 2020}, axis = columns)`

Ans. a. `DF.rename({2016 : 2020},axis = 'columns')`

Python dataframe MCQ Class 12

Consider the DataFrame 'DF' given below and answer the questions . Following DataFrame 'DF' containing marks of five students in three subjects.

	Harry	Kiran	Anuj	Karan	Rounaq
Science	85	82	65	60	90
Maths	90	95	85	80	75
English	80	85	75	70	60

Python DataFrame

Q31. Display the marks of Harry in Maths Subject.

- a. `print(DF.loc['Maths', 'Harry'])`
- b. `print(DF.Loc['Maths', 'Harry'])`
- c. `print(DF.loc('Maths', 'Harry'))`
- d. None of the above

Ans. a. `DF.loc['Maths', 'Harry']`

Q32. Display the marks of Karan in all Subjects

- a. `print(DF.loc['Science' : 'English', 'Karan'])`**
- b. `print(DF['Karan'])`**
- c. Both of the above**
- d. None of the above**

Ans. c. Both of the above

Q33. Display marks of Karan and Rounaq in Maths and Science

- a. `print(DF.loc['Science' : 'Maths', 'Karan' : 'Rounaq'])`**
- b. `print(DF.loc['Science' : 'Maths', ['Karan' : 'Rounaq']])`**
- c. Both of the above**
- d. None of the above**

Ans. a. `print(DF.loc['Science' : 'Maths', 'Karan' : 'Rounaq'])`

Q34. Display marks of all students in Maths and Science.

- a. `print(DF.loc['Maths' : 'Science'])`**
- b. `print(DF.loc['Science' : 'Maths'])`**
- c. Both of the above**
- d. None of the above**

Ans. b. `print(DF.loc['Science' : 'Maths'])`

Q35. Write a statement to check that in which subject kiran scored more than 90.

- a. `DF.loc[: , 'Kiran'] >= 90`**
- b. `DF.loc[:, 'Kiran'] < 90`**
- c. `DF.loc[: , 'Kiran'] > 90`**

d. None of the above

Ans. c. `DF.loc[:, 'Kiran'] > 90`

Python DataFrame MCQ

Q36. Write a statement to rename the subject 'Maths' to 'Mathematics'

- a. `DF.ren({"Maths" : "Mathematics"})`**
- b. `DF.Rename({"Maths":"Mathematics"})`**
- c. `DF.rename({"Maths":"Mathematics"})`**
- d. `DF.replace({"Maths":"Mathematics"})`**

Ans. c. `DF.rename({"Maths":"Mathematics"})`

Q37. Write a statement to remove column labelled as 'Harry'

- a. `print(DF.drop('Harry', axis = 0))`**
- b. `print(DF.drop('Harry', axis = 1))`**
- c. Both of the above**
- d. None of the above**

Ans. b. `print(DF.drop('Harry', axis = 1))`

Q38. Write a statement to increase five marks of all students in all subjects.

- a. `DF[:] = DF[:]+5`**

- b. `DF[:] = DF[:]+[5]`
- c. Both of the above
- d. None of the above

Ans. a. `DF[:] = DF[:]+5`

Q39. Write a statement to add new column labelled 'Ruby' with values 85, 75, 79.

- a. `DF[Ruby]=[85, 75, 79]`
- b. `DF['Ruby'] = [85, 75, 79]`
- c. `DF['Ruby']=[85,75,79]`
- d. None of the above

Ans. b. `DF['Ruby'] = [85, 75, 79]`

Q40. Write a statement to increase marks of 'Anuj' in 'Maths' Subject by 10.

- a. `DF.loc['Maths', 'Anuj']=DF.loc['Maths', 'Anuj']+10`
- b. `DF.loc['Anuj', 'Maths']=DF.loc['Maths', 'Anuj']+10`
- c. `DF.loc['Anuj', 'Maths']=DF.loc['Anuj', 'Maths']+10`
- d. None of the above

Ans. a. `DF.loc['Maths', 'Anuj']=DF.loc['Maths', 'Anuj']+10`

Python dataframe MCQ Class 12

Q1. What is DataFrame?

Ans. A DataFrame is a two-dimensional labelled data structure like a table of MySQL. It contains rows and columns, and therefore has both a row and column index.

Q2. Write code to create empty DataFrame named 'DF1'.

Ans.

```
import pandas as pd
DF1 = pd.DataFrame()
```

Q3. Which method is used to create DataFrame in Python?

Ans. DataFrame() method is used to create DataFrame in Python

Q4. Write two differences between Series and DataFrame.

Ans Differences are :

Series	DataFrame
It is one dimensional data structure.	It is two dimensional data structure.
It has only row index	It has row as well as column index.

Pandas DataFrame

Q5. Create the following dataframe using List of Dictionaries.

	A	B	C
0	1	2	3
1	5	6	8

Pandas DataFrame

Ans.

```
import pandas as pd
LoD = {'A' : [1, 5], 'B' : [2, 6], 'C' : [3, 8]}
DF = pd.DataFrame(LoD)
print(DF)
```

Pandas Dataframe Questions Class 12 IP

Q6. Which data types can be used to create DataFrame?

Ans. DataFrame can be created from :

1. **List**
2. **Dictionary**
3. **Tuple**
4. **Series**
5. **Numpyndarrays**

Q7. Which library is to be imported to create dataframe from Numpyndarrays ?

Ans. Two libraries is to be imported to create dataframe from Numpyndarrays :

1. **pandas**
2. **numpy**

Q8. _____ method in Pandas is used to change/modify the index of rows and columns of a Dataframe

Ans. rename()

Q9. Give an example to create dataframe from a single ndarray.

Ans.

```
import numpy as np
import pandas as pd
A = np.array([35, 40, 71, 25])
DF = pd.DataFrame(A)
print(DF)
```

OUTPUT:

```
   0  1  2  3
0 35 40 71 25
```

Q10. Give an example to create dataframe from two ndarray.

Ans.

```
import numpy as np
import pandas as pd
A = np.array([35, 40, 71, 25])
B = np.array([27, 34, 56, 73])
DF = pd.DataFrame([A,B])
print(DF)
```

OUTPUT:

```
   0  1  2  3
0 35 40 71 25
1 27 34 56 73
```

Pandas Dataframe Questions Class 12 IP

Q11. Write the output of the following code:

```
import numpy as np
import pandas as pd
A = np.array([35, 40, 71, 25])
B = np.array([27, 34, 56, 73])
C = [11, 22, 33, 44]
DF = pd.DataFrame([A, B, C])
print(DF)
```

Ans.

```
   0  1  2  3
0 35 40 71 25
1 27 34 56 73
2 11 22 33 44
```

Q12. Write the code in python to create dataframe from given list.

```
L1 = ["Anil", "Ruby", "Raman", "Suman"]  
L2 = [35, 56, 48, 85]
```

Ans.

```
import pandas as pd  
L1 = ["Anil", "Ruby", "Raman", "Suman"]  
L2 = [35, 56, 48, 85]  
DF = pd.DataFrame([L1, L2])  
print(DF)
```

Q13. Fill in the blank to produce the Output.

```
import pandas as pd  
L1 = ["Anil", "Ruby", "Raman", "Suman"]  
L2 = [35, 56, 48, 85]  
DF = pd.DataFrame([L1, L2], _____ )  
print(DF)
```

OUTPUT

	Ist	IIInd	IIIrd	IVth
a	Anil	Ruby	Raman	Suman
b	35	56	48	85

Ans.

```
import pandas as pd  
L1 = ["Anil", "Ruby", "Raman", "Suman"]  
L2 = [35, 56, 48, 85]  
DF = pd.DataFrame([L1,L2], index=['a', 'b'],columns=["Ist", "IIInd", "IIIrd",  
"IVth"])  
print(DF)
```

Q14. Aman store some data in the form of nested list. Later on he created dataframe "DF" from the list given below by writing the following code. How many columns will be there in "DF"

```
L1 = [{"Aman", "Cricket", "7th"}, {"Ankit", "Hockey", "11th"},  
      {"Sunita", "Basket ball", "9th"}]  
import pandas as pd  
L1 = [{"Aman", "Cricket", "7th"}, {"Ankit", "Hockey", "11th"}, {"Sunita",  
      "Basket ball", "9th"}]  
DF = pd.DataFrame(L1)  
print(DF)
```

Ans. There will be three columns in Dataframe "DF"

Q15. Which attribute of DataFrame is used to give user defined index value?

Ans. index

Pandas Dataframe Questions Class 12 IP

Q16. Which attribute of DataFrame is used to give user defined column name?

Ans. Columns

Q17. Complete the following code to get the Output given below:

```
import pandas as _____
L1 = [ ["Aman", 45], ["Ankit", 56], [ "_____", 67]]
DF = pd._____(L1, _____=["Name", "Marks"],
index=[_____] )
print(DF)
```

OUTPUT :

	Name	Marks
1	Aman	45
2	Ankit	56
3	Sunita	67

Ans.

```
import pandas as pd
L1 = [ ["Aman", 45], ["Ankit", 56], [ "Sunita", 67]]
DF = pd.DataFrame(L1, columns = ["Name", "Marks"], index = [1, 2, 3])
print(DF)
```

Q18. Complete the following code to get the Output given below:

```
import pandas as pd
L1 = { "Name" : ["Aman", "Ankit", "Sunita"], "Marks" : [45, 56, 67]}
DF = pd.DataFrame(L1, columns = [_____], index = [1, 2, 3])
print(DF)
```

OUTPUT :

	Marks	Name
1	45	Aman
2	56	Ankit
3	67	Sunita

Ans.


```
import pandas as pd
L1 = {"Name" : ["Aman", "Ankit", "Sunita"], "Marks" : [45, 56, 67]}
DF = pd.DataFrame(L1, columns = ["Marks", "Name"], index = [1, 2, 3])
print(DF)
```

Q19. Consider the code given below and answer the following questions:

```
Ld = [{'a' : 10, 'b' : 20}, {'a' : 5, 'b' : 10, 'c' : 20}]
DF = pd.DataFrame(Ld)
print(DF)
```

- How many rows will be there in dataframe "DF"
- How many columns will be there in dataframe "DF"
- How many NaN will be there in dataframe "DF"
- Write the missing import statement in the above code.
- How many dictionaries are used in the above code.

Ans.

- There will be 2 rows in dataframe "DF".
- There will be 3 columns in dataframe "DF".
- There will be 1 NaN in dataframe "DF".
- import pandas as pd
- 2

Q20. Give an example of creating dataframe from two series.

Ans.

```
import pandas as pd
Name=["A", "B", "C"]
Marks = [23, 34, 43]
S1=pd.Series(Name)
S2=pd.Series(Marks)
```

```
DF = pd.DataFrame([S1, S2], index = ["Name", "Marks"])
print(DF)
```

OUTPUT:

	0	1	2
Name	A	B	C
Marks	23	34	43

Pandas Dataframe Questions Class 12 IP

Q21. Write five attributes of DataFrame.

Q22. Which attribute of dataframe is used for the following.

1. To display row labels.
2. To display column labels.
3. To display data type of each column in the DataFrame.
4. To display all the values in the DataFrame.
5. To display number of rows and columns in a tuple.
6. To display total number of values in the dataframe.
7. To transpose the dataframe.
8. To returns the value True if DataFrame is empty and False otherwise

Ans.

1. index
2. columns
3. dtypes
4. values
5. shape
6. size
7. T
8. empty

Q23. Name the function which is used to display first n rows in the DataFrame.

Ans. head()

Q24. Write a statement to display first 7 rows from dataframe "DF".

Ans. DF.head(7)

Q25. Write a statement to display last 7 rows from dataframe "DF".

Ans. DF.tail(7)

Pandas Dataframe Questions Class 12 IP

Q26. There are 7 rows in a dataframe "DF". How many rows will be displayed by the following statement?

DF.head(10)

Ans. 7 rows will be displayed

Q27. What is the default value of 'n' in tail(n) function?

Ans : 5

Q28. Write a statement in python to add a new column "Marks" with values (23, 34, 45, 12) in a dataframe "DF"

Q29. Consider the following dataframe "DF"

	A	B	C
0	1	2	3
1	5	6	8

Pandas DataFrame

a) Write a statement to change values of column "C". New values are (4, 9)

Ans. `DF["C"] = [4, 9]`

b) Write a statement to change all the values of column "B" to 0

Ans. `DF["B"] = 0`

c) Write a statement to add a new row with value (7, 8, 9)

Ans. `DF.loc[2] = [7, 8, 9]`

d) Write a statement that will return the result (2,3)

Ans. `DF.shape()`

e) Write the output of the statement :
`DF.size()`

Ans. 6

Pandas Dataframe Questions Class 12 IP

Q30. Fill in the blanks

```
import pandas as pd
import numpy as np
Name = _____.array(['Anil', 'Sumit', 'Akhil', 'Ananya'])
_____ = _____.DataFrame()
print(DF)
```

Ans.

```
import pandas as pd
import numpy as np
Name = np.array(['Anil', 'Sumit', 'Akhil'])
DF = pd.DataFrame(Name)
```

```
print(DF)
```

****A roadside stand ****

--

What does the speaker or narrator call the thought of the owner of the stand?

- (a) A child like longing
- (b) a very good thought
- (c) a wise thought
- (d) A childish longing in vain

[Answer](#)

Answer: (d) A childish longing in vain

A Roadside Stand MCQ Class 12 Question 2.

What would be the state of poor rural folk at new location ?

- (a) tension free as their needs will be looked after
- (b) they will be able to visit city malls
- (c) they will enjoy travelling malls and cinema halls
- (d) they will be happy

[Answer](#)

Answer: (a) tension free as their needs will be looked after

Roadside Stand MCQ Class 12 Question 3.

What was the news?

- (a) City people will give money
- (b) city people will help the poor
- (c) Relocation and resettlement of the rural folk to make them tension free by the government
- (d) None

[Answer](#)

Answer: (c) Relocation and resettlement of the rural folk to make them tension free by the government

A Roadside Stand MCQ Questions With Answers Class 12 Question 4.

Who wanted to feel the money at hand and from whom?

- (a) The rural folk from the government
- (b) The rural folk from the social agencies
- (c) The rural folk from the government officials
- (d) The rural folk from the city people

Answer

Answer: (d) The rural folk from the city people

MCQ Of A Roadside Stand Class 12 Question 5.

Why is the word pathetic used for road side stand?

- (a) for city people's attitude
- (b) for government's declaration
- (c) for city people's behavior
- (d) for poor condition of the owner of the stand

Q2.a) What are the usual complaints made by the city men when the stop at the roadside?

b) Why are the poor people angry with the city men when they ask for gas?

Q3a) Why are the cars called selfish?

b) Why didn't the polished traffic stop at the roadside stand?

c) Why can't the power the childish longing of the poor people?

d) What are the two significant roles of money in the lives of poor people?

Q4) How does the poet represent the pathetic state of mind of the people who run the roadside stand?

Q5) Write sum and substance of the poem.

Answer

Answer: (d) for poor condition of the owner of the stand

--