

**HOLIDAYS HOMEWORK**

**CLASS-XI**

**(2022-2023)**



***"Winter is a season  
of  
recovery and preparation."***

ECONOMICS

1. Complete Project Work
2. Solve 1,2 Sample Papers in Economics Note Book. (Already shared in class group)
3. Write All NCERT Questions in Note Book.(Micro Economics)
4. Question -

Calculate the correlation coefficient between the heights of fathers in inches (X) and their sons (Y).

<b>X</b>	65	66	57	67	68	69	70	72
<b>Y</b>	67	56	65	68	72	72	69	71

Question -

Calculate the correlation coefficient between X and Y and comment on their relationship.

<b>X</b>	-3	-2	-1	1	2	3
<b>Y</b>	9	4	1	1	4	9

Question --.

Calculate the correlation coefficient between X and Y and comment on their relationship.

<b>X</b>	1	3	4	5	7	8
<b>Y</b>	2	6	8	10	14	16

Question -

If the arithmetic mean of the data given below is 28, find (a) the missing frequency and (b) the median of the series

<b>Profit Per Retail Shop (in ₹)</b>	0-10	10-20	20-30	30-40	40-50	50-60
<b>Number of Retail Shops</b>	12	18	27	—	17	6

5. Question -

The following table gives production yield in kg per hectare of wheat of 150 farms in a village. Calculate the mean, median and mode production yield.

<b>Production Yield (kg per hectare)</b>	50-53	53-56	56-59	59-62	62-65	65-68	68-71	71-74	74-77
<b>Number of Farms</b>	3	8	14	30	36	28	16	10	5

6. Calculate the index numbers from the following data using:
  - (i) Laspeyre's method,
  - (ii) Paasche's method,
  - (iii) Fisher's ideal method:

Commodity	Base year		Current year	
	Price (in ₹) $p_0$	Quantity $q_0$	Price (in ₹) $p_1$	Quantity $q_1$
A	8	100	10	120
B	4	60	5	80
C	10	20	12	25
D	12	25	15	30
E	3	5	4	6

7. Construct cost of index number for 2019 on the basis of 2011 from the following data using Aggregate Expenditure Method and Family Budget Method.

Article	Quantity (kg.)	Prices in ₹	
		2011	2019
A	10	20	30
B	7	21	28
C	5	20	25
D	2	10	12
E	2	6	8

8. Revise Complete Syllabus for Mock Paper.

#### ACCOUNTANCY

- Complete Project Work.
- Chapter-1,2,3,4,16( Theory Section Revise)
- Chapter-5 (Accounting Equation )
  - Practice Questions-4,7,10,15,21Chapter-8,9 Journal and Ledger
  - Practice Ques.-4,9,12,17,20 (CH-8)
  - Practice Ques.-2,6(Ch-9)Chapter -10 Cash Book
  - Pra.Ques.-5,7,9,11Chapter-13 BRS
  - \*Pra. Ques.-5,11,18,27Chapter- 15 Depreciation
  - \*Pra.Ques.-4,7,10,18,21Chapter- 19 Final Accounts with Adjustments
  - \*Pra. Ques.-4,8,12,16
- Revise Complete Syllabus for Mock Paper.

#### HOLIDAY HOMEWORK Class XI- IP

- Which of the following statement is incorrect?

- (a) 1 Byte = 8 bits
- (c) 1 MB = 1024 KB

- (b) 1 KB = 1024 bytes
- (d) 1 GB = 1024 KB

2. Which of the following is/are the valid variable name(s):

- (i) global
- (ii) 99flag
- (iii) sum
- (iv) an\$wer

3. What data type is the object below?

L = [1, 23, 'hello', 1]

- (a) tuple
- (b) list
- (c) dictionary
- (d) array

4. What will be the output of the following:

```
print(len(str(17//4)))
```

- (a) 1
- (b) 3
- (c) 4.0
- (d) 4

5. A loop that never ends is called a:

- (a) Continue loop
- (b) Circle loop
- (c) Infinite loop
- (d) None of these

6. We can go back to the start of the loop by using \_\_\_\_\_

- (a) continue
- (b) break
- (c) start
- (d) loop

7. A character enclosed in quotes are considered as strings in Python. Which among the following is not a valid quotes:

- (a) single
- (b) triple single
- (c) double
- (d) double double

8. Which of the following types not qualify to be the keys of a dictionary?

- (a) Strings
- (b) list
- (c) integer
- (d) float

9. What are relational operators? Explain with the help of examples.

10. How are comments written in a python program?

11. Distinguish between the following:

- (a) Interactive mode and Script mode
- (b) Interpreter and Compiler

12. What does "immutable" mean? Which data type in python are immutable?

13. Find the output from the following code:  
L=[100,200,300,400,500]  
L1=L[2:4]  
print ( L1 )  
L2=L[1:5]  
print ( L2 )
14. Which string method is used to implement the following:  
a) To count the number of characters in the string.  
b) To change the first character of the string in capital letter.  
c) To check whether given character is letter or a number.  
d) To change lower case to upper case letter.
15. Write a function to find whether the dealer is in profit or loss for selling 100 notebooks.
16. Write a program using 'for loop' that calculates exponentials. Your program should ask for base and exponent values from user.  
**Note:** Do not use \*\* operator and math module.
17. Find the output of the following:  
(a) A = 10  
A = A + 1 if  
A == 10 :  
    print ("Value is Ten")  
else :  
    print ("Value is not Ten")  
(b) N = 50 ; I = 5; S = 0  
while I < N :  
    S+ = I  
    I+ = 10  
print (" I = ", I)  
print ("SUM = ", S)
18. (a) Rewrite the following for loop into while loop:  
for a in range (25,500,25):  
    print (a)  
(b) Rewrite the following while loop into for loop:  
i=88  
while( i >= 8 ):  
    print ( i )  
    i = i - 8

19. Input a string "Green Revolution".
- (a) Write a script to print the string in reverse order.
  - (b) Write a script to check if the string is a palindrome or not.
  - (c) Write a script to remove the space.
20. Consider the list given below and write the output:  
list = [10, 20, 30, 40, 50, 60]
- (a) print ( list [::2] )
  - (b) print ( list [::-1] )
  - (c) print ( list [-4:] )
  - (d) print ( list [:3] )
21. Create a list that contains the names of 5 students of your class. (Do not ask user to input the values)
- (a) Ask the user to input one name and append it to the list
  - (b) Delete a name from the list entered by the user
  - (c) Sort the names in the list and print the list
  - (d) Ask the user to input one name and insert at the front of the list
22. Find the errors and give reason:
- (a) List1 = [ 3, 4, 5 ]  
List2 = List1 \* 3  
print (List1 \* 3.0)  
Print (List2)
  - (b) LA = [3,3,8,1,3,0,'1','0','2','e','w','e','r']  
print ( LA [ : : -1] )  
print ( LA [ -1:-2 : -3] )  
print ( LA [ -1 : -2 : -3 : -4] )  
print ( LA [ -1 : -2 ; 3] )
23. Write two differences between Dictionary and List.
24. Write the output for the following codes. A={10:1000,20:2000,30:3000,40:4000,50:5000}
- ```
print (A.items())  
print ( A.keys())
```

Revise Complete Syllabus for Mock Paper.

## BUSINESS STUDIES

1. Complete the project work.
2. Answer the following questions:-
  - a. How do small scale industries contribute to the socio-economic development of India?

- b. What are the different parameters used to measure the size of business.
- c. How does market information provided by the wholesalers benefit the manufacturers?
- d. What are the services offered by retailers to wholesalers and consumers?

Revise Complete Syllabus for Mock Paper.

### ENGLISH

(All the questions to be done into note book)

1. Write the critical review of the play “ Mother’s Day”
2. Write a speech on the topic ‘Peace has no less victorious impact than war’ keeping in context to what is going between Ukraine and Russia.
3. Design a poster for your School Fete. You may use slogans. Do not exceed 50 words.
4. Design a poster in not more than 50 words for your school library on the value of books and good reading habits. You may use slogans

### PHYSICAL EDUCATION

1. Prepare for Mock Test.
2. Revise complete syllabus.
3. Complete the project file.

### ART EDUCATION

1. Prepare for Mock Test.
2. Revise complete syllabus.
3. Complete the project file.