

DAV CENTENARY PUBLIC SCHOOL, HALDWANI
SUMMER HOMEWORK ASSIGNMENT
2024-25
CLASS XII C

SUBJECT	ASSIGNMENT
ACCOUNTANCY	<p>Students will prepare a Project File to record their work related to the problems attempted by them in the following format:</p> <ol style="list-style-type: none"> 1. First page of the file should describe the title of work, identity of student, school, and the teacher concerned. 2. Index to indicate columns for title of work, page no., date, teacher's remarks and signature. 3. The format for Project Work will be : <ul style="list-style-type: none"> ● Statement of the problem/Name of the Project ● Objectives ● Period of Study ● Source Material ● Tools of Analysis used ● Processing and Tabulation of data ● Diagrammatic/graphic presentation- pie-diagrammes, bar diagrams and graphs. ● Derivations, Interpretation and Conclusion. ● Assumptions (if any) <p>Project File should be neatly handwritten and presentable with page numbers. Each step of the solution needs to be highlighted. Conclusions drawn should be placed in boxes at the end.</p> <p>ASSIGNMENT</p> <ol style="list-style-type: none"> 1) A Partnership deed provides for the payment of interest on capital but there was a loss instead of profit during the year 2013-14. At what rate will the interest on capital will be allowed to the partners. 2) What is meant by Unlimited Liability for a Partner? 3) X and Y are partners in a firm having no partnership deed. X And Y Have contributed Rs.2,00,000 and Rs.4,00,000 respectively as capitals. Y wants that profit should be distributed in the ratio of capitals and interest on capital should be %01 p.a. but X does not agree to this. State giving reason who is correct in this case. 4) X and Y are partners in a firm having no partnership deed. X desires that Y should not participate in the conduct of the firm's business and will not get any interest on capital but Y does not agree to this. State giving reason who is correct in this case. 5) X and Y started business on 1.1.2013 with capitals of Rs.1,20,000 and Rs.80,000 respectively. During the year, A introduced Rs.20,000 to the firm as additional capital on 1.7.2013. They withdrew Rs.1,000 per month for the house expenses in lieu of profit. Interest on capital is to be allowed @ 10% per annum. Calculate the interest payable to X And Y For the year ending 31.12.2013. 6) Vinod and Kumar started business on 1st April, 2013 with capitals fo Rs.5,00,000

	<p>and Rs.3,00,000 respectively. On 1st October 2013 they decided that their capitals should be 4,00,000 each. The necessary adjustment in the capitals were made by introducing or withdrawing cash. Interest on capital is allowed at 8% p.a. Calculate the interest on Kumar's Capital on 31st March 2014.</p> <p>7) A And B are partners and they had Rs.2,00,000 and Rs.3,00,000 in their respective capital accounts as on 1s April 2013. A paid in further Rs.25,000 on 1 November 2013 and another Rs.25,000 on 15 February 2014. Calculate the Interest on capital for A when the rate of interest on capital is 6 % p.a.</p> <p>8) X and Y are partners sharing profit and loss in the ratio 3:2. Their capitals on 1 April 2013 were Rs.1,00,000 and Rs.80,000. On 1st July 2013 X introduced Rs.20,000 as his additional capital and Y introduced Rs.2,000 only. Find out interest on capital for Both the partners @ 6% p.a.</p> <p>9) M and R are partners in a firm. Their capital accounts showed the balance on January 1 , 2000 as Rs.40,000 and Rs.30,000 respectively. During the year, M introduced additional capital of Rs.20,000 on May , 1 2000 and R brought in further capital of Rs.30,000 on July , 1 2000. R withdrew Rs.10,000 from her capital in October , 12000. Interest is allowed @ 6 % p.a. On the capitals. Calculate The Interest To Be Paid On capital.</p> <p>10) X and Y are partners in a firm sharing profits equally. Their capitals on 31st March 2014 were Rs.2,40,000 and Rs.1,80,000 respectively. Drawings of the partners to the date were Rs.40,000 and Rs.60,000 respectively. Profit for the year was Rs.1,60,000. Calculate interest on capital @ 8% p.a. for the year ended 31st March 2014.</p>
<p>BUSINESS STUDIES</p>	<p>DO THE FOLLOWING PROJECT AS PER THE GUIDELINES GIVEN BELOW</p> <p>I. Principles of Management Enquire into the application of scientific management techniques by F.W. Taylor in the unit. Scientific techniques of management.</p> <ol style="list-style-type: none"> 1 Functional foremanship. 2. Standardization and simplification of work. 3. Method study. 4. Motion Study. 5. Time Study. 6. Fatigue Study 7. Differential piece rate plan. <p>Students may use worksheets, questionnaires, interviews and organizational charts etc.</p> <p>II. Marketing</p> <p>Students can select any one of the following product- Adhesives, Air conditioners, Bathing Soap, Bathroom cleaner , Bike, Blanket, Body Spray, Bread, Breakfast cereal The students are required to make a project on the identified product/service keeping in mind the following:</p> <ol style="list-style-type: none"> 1. Why have they selected this product/service? 2. Find out '5' competitive brands that exist in the market.

- 3 .What permission and licenses would be required to make the product?
4. What are your competitors' Unique Selling Propositions?
5. Does your product have any range of details?
6. What is the name of your product?
7. Enlist its features.
8. Draw the 'Label of your product.
9. Draw a logo for your product.
10. Draft a tagline.
11. What is the selling price of your competitor's product?
12. Selling price to consumer
13. Selling price to retailer
14. Selling price to wholesaler
15. What is the profit margin in percentage to the
 - Manufacturer.
 - Wholesaler.
 - Retailer.
16. How will your product be packaged?
17. Which channel of distribution are you going to use? Give reasons for selection?
18. Decisions related to warehousing, state reasons.
19. What is going to be your selling price?
 - To consumer
 - To retailer
 - To wholesaler
20. List 5 ways of promoting your product.
21. Any schemes for
 - The wholesaler
 - The retailer
 - The consumer
22. What is going to be your 'U.S.P'?
24. What means of transport will you use and why?
25. Draft a social message for your label.
26. What cost effective techniques will you follow for your product?
27. What cost effective techniques will you follow for your promotion plan?

On the basis of the work done by the students the project report should include the following:

1. Type of product /service identified and the (consumer/industries) process involved therein.
2. Brand name and the product.
3. Range of the product.
4. Identification mark or logo.
5. Tagline.
6. Labeling and packaging.
7. Price of the product and basis of price fixation.
8. Selected channels of distribution and reasons thereof.
9. Decisions related to transportation and warehousing. State reasons.

ECONOMICS	<p>Prepare Project in any one of the following topics</p> <ol style="list-style-type: none"> 1.National Income 2.Money and Banking 3.Government Budget 4.BOTand BOP 5.Foreign Exchange
ENGLISH	<ol style="list-style-type: none"> 1. Write a brief character sketch of the following in about 100-120 words A. M. Hamel B. Franz C. Saheb-e- Alam D.Mukesh E. William Douglas F. Ironmaster G.Crofter H. Edla Willmansson I.Charley J.Tiger king 2. Notice- 2 3. Draft formal and Informal invitation- 2 4. Reply to invitation-2 5. Letter to Editor- 2(All work to be done in writing section copy) 6. ENGLISH PROJECT TO BE DONE IN GROUPS AS DISCUSSED IN CLASS (File)
HINDI	<ol style="list-style-type: none"> 1)पढ़ाए गए सभी पाठों में से किन्हीं दो पाठों के गद्यांश अथवा पद्यांश(कोई 2 गद्यांश/पद्यांश) पर आधारित बहुविकल्पीय प्रश्न(कम से कम 5 प्रश्न) बनाएं। 2)अपनी पाठ्यपुस्तक आरोह भाग 2 के किसी भी एक रचनाकार का जीवन परिचय लिखें। समस्त कार्य फाईल पेपर पर करें।विद्यालय खुलने पर अध्यापक को जमा करें।
PHYSICAL EDUCATION	<p>Project file.</p> <p>Any one game of ur choice out of the following. Basket ball, Football, kabaddi, kho kho, volleyball,</p>
MUSIC	Life sketch and contribution of great Indian musician's
PAINTING	
COMPUTER SCIENCE	<p>Solve the following questions in your Computer Science notebook(These questions are based on Python Revision Tour and working with functions).</p> <p>Q 1. State True or False. “Comments are not executed by Python Interpreter”.</p> <p>Q2. Which of the following is not a sequential datatype in Python ? (a)Dictionary (b)String (c)List (d)Tuple</p> <p>Q3. Given the following dictionary Day={1:"Monday", 2: "Tuesday", 3: "Wednesday"} Which statement will return "Tuesday". (a)Day.pop() (b)Day.pop(1) (c)Day.pop(2) (d)Day.pop('Tuesday')</p> <p>Q4.Consider the given expression : 7<4 or 6>3 and not 10==10 or 17>4 Which of the following will be the correct output if the given expression is evaluated ?</p>

(a)True (b)False (c)None (d)pass

Q5. Find the output of the code :

```
S="Amrit Mahotsav @ 75"
```

```
A=S.split(" ",2)
```

```
print(A)
```

Q6.What will the following expression be evaluated to in Python ?

```
print(6/3 + 4**3//8 4)
```

Q7.Which of the following functions is a valid built-in function for both list and dictionary datatype ?

(a)items() (b)len() (c)update() (d)values()

Q8.Given is a Python string declaration :

```
NAME = "Learning Python is Fun"
```

Write the output of : print(NAME[-5:-10:-1])

Q9. Write the output of the code given below :

```
dict1={1:["Rohit",20], 2:["Siya",90]}
```

```
dict2={1:["Rahul",95], 5:["Rajan",80]}
```

```
dict1.update(dict2)
```

```
print(dict1.values())
```

Q10.Write the output of the Python code given below :

```
g=0
```

```
def fun1(x,y):
```

```
    global g
```

```
    g=x+y
```

```
    return g
```

```
def fun2(m,n):
```

```
    global g
```

```
    g=m-n
```

```
    return g
```

```
k=fun1(2,3)
```

```
fun2(k,7)
```

```
print(g)
```

Q12. Write the output of the Python code given below :

```
a=15
```

```
def update(x):
```

```
    global a
```

```
    a+=2
```

```
    if x%2==0:
```

```
        a*=x
```

```
    else:
```

```
        a//=x
```

```
        a=a+5
```

```
print(a,end="$")
```

```
update(5)
```

```
print(a)
```

Q13.Write a function search_replace() in Python which accepts a list L of numbers and a number to be searched. If the number exists, it is replaced by 0 and if the number

does not exist, an appropriate message is displayed.

Example :

```
L = [10,20,30,10,40]
```

Number to be searched = 10

List after replacement :

```
L = [0,20,30,0,40]
```

Q14. What possible output(s) are expected to be displayed on screen at the time of execution of the following code ?

```
import random
```

```
S=["Pen","Pencil","Eraser","Bag","Book"]
```

```
for i in range (1,2):
```

```
    f=random.randint(i,3)
```

```
    s=random.randint(i+1,4)
```

```
    print(S[f],S[s],sep=":")
```

What possible output(s) are expected to be displayed on screen at the time of execution of the following code ?

(I) Pencil:Book

(II) Pencil:Book

Eraser:Bag

(III) Pen:Book

Bag:Book

(IV) Bag:Eraser

Q15. Predict the output of the code given below :

```
text="LearningCS"
```

```
L=len(text)
```

```
ntext=""
```

```
for i in range (0,L):
```

```
    if text[i].islower():
```

```
        ntext=ntext+text[i].upper()
```

```
    elif text [i].isalnum():
```

```
        ntext=ntext+text[i 1]
```

```
    else:
```

```
        ntext=ntext+'&&'
```

```
print(ntext)
```

Q16. State True or False

"Identifiers are names used to identify a variable, function in a program".

Q17. Which of the following is a valid keyword in Python?

(a)false (b)return (c)non_local (d)none

Q18. Given the following Tuple

```
Tup=(10,20,30,50)
```

Which of the following statements will result in an error?

(a)print(Tup[0]) (b)Tup.insert(2,3) (c)print(Tup[1:2]) (d)print(len(Tup))

Q19. Select the correct output of the code:

```
S="Amrit Mahotsav @ 75"
```

```
A=S.partition(" ")
```

```
print(a)
```

(a)('Amrit Mahotsav','@','75') (b)['Amrit','Mahotsav','@','75']
(c)('Amrit','Mahotsav @ 75') (d)['Amrit','','Mahotsav @ 75']

Q20. _____ function is used to arrange the elements of a list in ascending order.

Q21. Which of the following statement(s) would give an error after executing the following code?

```
Stud={"Murugan":100, "Mithu": 95"} #statement 1
```

```
print(Stud[95]) #statement 2
```

```
Stud['Murugan']=99 #statement 3
```

```
print(Stud.pop()) #statement 4
```

```
print(Stud) #statement 5
```

(a)Statement 2 (b)Statement 3 (c)Statement 4 (d)statement 2 and 4

Q22.Which of the following operators will return either True or False?

(a)+= (b)!= (c)= (d)*=

Q23.What will the following expression be evaluated to in Python?

```
print(4+3*5/3-5%2)
```

Q24. Which function returns the sum of all elements of a list?

(a)count() (b)sum() (c)total() (d)add()

Q25. Assertion(A): To use a function from a particular module, we need to import the module.

Reason(R): import statement can be written anywhere in the program, before using a function from that module.

Explain why Reason is the correct explanation of Assertion or not.

Q26. Atharva is a Python programmer working on a program to find and return the maximum value from the list. The code written below has syntactical errors. Rewrite the correct code and underline the corrections made.

```
def max_num(L):
```

```
    max=L(0)
```

```
    for a in L:
```

```
        if a > max:
```

```
            max=a
```

```
    return max
```

Q27. (a)Given is a Python list declaration:

```
Listofnames=['Aman','Ankit','Ashish','Rajan','Rajat']
```

Write the output of :

```
print(Listofnames[-1:-4:-1])
```

(b)Consider the following tuple declaration:

```
tup1=(10,20,30,(10,20,30),40)
```

Write the output of :

```
print(tup1.index(20))
```

Q28.Write the output of the code given below:

```
def short_sub(lst,n):
```

```
    for i in range(0,n):
```

```
        if len(lst)>4:
```

```
            lst[i]=lst[i]+lst[i]
```

```
        else:
```

```
            lst[i]=lst[i]
```

```
subject=['CS','HINDI','PHYSICS','CHEMISTRY','MATHS')
short_sub(subject,5)
print(subject)
```

Q29. Write the output of the code given below:

```
a=30
def call(x):
    global a
    if a%2==0:
        x+=a
    else:
        x-=a
    return x
```

```
x=20
print(call(35),end='#')
print(call(40),end='@')
```

Q30. Write a function EORreplace() in Python, which accepts a list L of numbers. Thereafter, it increments all even numbers by 1 and decrements all odd numbers by 1.

Example:

if sample input data of the list is:

```
L=[10,20,30,40,35,55]
```

Output will be:

```
L=[11,21,31,41,34,54]
```