

D.A.V. Centenary Public School , Haldwani
Summer Vacation Assignment (2024-25)
Class XII D

SUBJECT	ASSIGNMENT
HISTORY	<p>Prepare CBSE project allotted in the class. The students have been given topics by CBSE for their project. The students have to prepare the First draft during the holidays.</p> <ul style="list-style-type: none">• Describe any one protected historical site in India by Archaeological Survey of India. Description should include pictures too. Do it in your History notebook. <p>Revise all the chapters done in class.</p>
POLITICAL SCIENCE	<p>“Successful and Unsuccessful people don't vary greatly in their abilities. They vary in their desires to reach their potential.”</p> <p>Political Science begins and ends with State. In political science we study Constitution, Democracy, Thoughts, International Relations, Journalism and Various Political System. The method of Political science is the interpretation of Life; its Instrumental insight and understanding of Subtle, unformulated conditions.</p> <p>Make a Project on any one of the following Topics:</p> <p>India China Relations in Contemporary Era. UNO Basic Principal Organs and Agencies WHO, ILO, UNESCO and UNICEF. ASEAN Formation and role in Current Scenario. European Union Formation and Status of Development. India's Nuclear Policy. Pandit Deendayal Upadhayay and Integral Humanism. Stamps issued in 1950 to mark the First Republic Day. Different Political Parties in India with their</p>

	<p>Symbols. Different Lok Sabha Speakers. Green and White revolutions. Scheme and programmes for the educational welfare of SC, ST and Minority communities. India's relation with neighbouring countries Role of SAARC. Note: 1.Submit your Homework on 15 July 2024 . 2. Rubrics Subject Relevance and Research 4 marks. Subject clarity and Presentation Skills 4 marks Viva 2 marks Happy Summer Vacations.</p>
GEOGRAPHY	<p>I.Prepare a Practical File on the following topics of Geography Practical Book 1. Data it's source and compilation 2. Data processing 3. Graphical representation 4.Spatial information and technology II.Revise all the chapters done in class</p>
ECONOMICS	<p>Prepare Project in any one of the following topics 1.National Income 2.Money and Banking 3.Government Budget 4.BOTand BOP 5.Foreign Exchange</p>
ENGLISH	<p>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 note book) 6. ENGLISH PROJECT TO BE DONE IN GROUPS AS DIISCUSED IN CLASS(File)</p>
PHYSICAL EDUCATION	

	<p>Physical Education. Project file. Any one game of ur choice out of the following. Basket ball, Football, kabaddi, kho kho, volleyball,</p>
PAINTING	
HINDI	<p>ग्रीष्म अवकाश गृहकार्य कक्षा :बारह सत्र 2024 -25</p> <p>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।</p> <p>2)अपनी पाठ्यपुस्तक आरोह भाग 2 के किसी भी एक रचनाकार का जीवन परिचय लिखें। समस्त कार्य फाइल पेपर पर करें।विद्यालय खुलने पर अध्यापक को जमा करें।</p>
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

	<p>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='@')</p> <p>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]</p>
<p>MUSIC</p>	<p>Life sketch and contribution of great Indian musician's</p>