PM SHRI KENDRIYA VIDYALAYA BOWENPALLY

HOLIDAY HOME WORK-Winter Break-2025-26

CLASS XII ENGLISH

1. Complete your investigatory/Art-integrated Projects
2. Prepare a PPT on your project.
3. Practice at least 5 Previous papers.
4. Write a diary entry in about 80-100 words sharing your experience about memorable moment spent in the week.
5. You are a qualified accountant seeking a job in a reputed firm. Draft a job application with a resume.
6. Write a letter to the editor expressing concern over the rising cases of cybercrime.
7. Write a letter to the editor regarding the increasing traffic jams and suggest solutions
8. Write an article on "The Role of Technology in Modern Education."
9. Write an article on "Fitness and Healthy Living in the Modern Age."
10. Write a report on the Annual Science Exhibition held in your school.
11. Write a report for your school magazine about the Swachh Bharat Abhiyan drive carried out in your school.
12. Comic Strip What to do? Make a comic strip of the chapter Tiger King.
13. Being Innovative with ideas:- What to do? What could be the alternate ending of the lesson The Third Level?
14. Read any one chapter of your choice and write the review. A) The Rattrap. B) The Enemy

Class XII CHEMISTRY

1.Solve Model Papers 6 to 10

2.Chemistry Investigatory project & Record completion

3.Biomolecules: Exercise questions

4.Organic chemistry Revision

BIOLOGY: **Revise (ORAL),** the given concepts 1 hour per day from 23rd Dec to 28th Dec.

29th and 30th -Write Sample Paper 11 and 12 answers in HW book. Can avoid repetition .

23-12-2025 -*Sexual Reproduction in Flowering Plants*: Double fertilization, embryo sac development, pollination types, parthenocarpy.

24-12-2025 -*Human Reproduction*: Hormonal control of menstrual cycle, , reproductive health issues, contraception.

25-12-2025 -*Principles of Inheritance*: Mendel's laws, monohybrid/dihybrid crosses, Test cross Linkage & Crossing over, genetic disorders (Down's, Turner's, Klinefelter's).

26-12-2025 -*MBI*: DNA structure/replication, Central Dogma, gene expression ,Transcription, Translation, DNA fingerprinting.

27-12-2025 Evolution: Evidence for evolution, origin of life, adaptive radiation, Hardy-Weinberg principle, human evolution.

28-12-2026 Biotechnology - rDNA tech, vectors, Gel electrophoresis, PCR, GMOs, gene therapy.

कक्षा 12 विषय - हिंदी

* सैंपल पेपर 1,2,3,4 और 5 में से अभिव्यक्ति और माध्यम के सभी प्रश्न।

* अपठित गद्यांश और पद्यांश के प्रश्न।

* पठित गद्यांश और पद्यांश के प्रश्न।

Physics :

1)Practice 1 to 5 Model sample papers of Physics supplied by KVS RO, Hyderabad in Physics

Home-work notes.

2) Prepare well for 2nd Pre-Board exams.

COMPUTER SCIENCE

CHAPTER 1, 2 & 3

PYTHON REVISION TOUR I & II, WORKING WITH FUNCTIONS

ERROR FINDING QUESTIONS

Q1. Find error in the following code(if any) and correct code by rewriting code and underline the correction;-

```
x= int("Enter value of x:")
for in range [0,10]:
    if x=y
print( x + y)
    else:
```

```
print( x-y)
```

Q2. Rewrite the following program after finding and correcting syntactical errors and underlining it.

```
a, b = 0
if (a = b)
a +b = c
print( z)
```

Q3. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
250 = Number
WHILE Number<=1000:
    if Number=>750
        print (Number)
        Number=Number+100
    else
        print( Number*2)
Number=Number+50
```

Q4. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
Val = int(rawinput("Value:"))
Adder = 0
for C in range(1,Val,3)
        Adder+=C
        if C%2=0:
                Print (C*10)
        Else:

print (Adder)  print (C*)
```

Q5. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
25=Val
for I in the range(0,Val)
        if I%2==0:
                print( I+1)
        Else:
                print (I-1
```

Q6. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
STRING=""WELCOME
NOTE""
for S in range[0,8]:
        print (STRING(S))
```

Q7. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
a=int{input("ENTER FIRST NUMBER")}
b=int(input("ENTER SECOND NUMBER"))
c=int(input("ENTER THIRD NUMBER"))
if a>b and a>c
   print("A IS GREATER")
if b>a and b>c:
   Print(" B IS GREATER")
if c>a  and c>b:
  print(C IS GREATER)
```

Q8. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
i==1
a=int(input("ENTER FIRST NUMBER"))
FOR i in range[1, 11];
  print(a,"*=", i ,"=",a * i)
```

Q9. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
a=”1”
while a>=10:
        print("Value of  a=",a)
        a=+1
```

Q10. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
Num=int(rawinput("Number:"))
sum=0
for i in range(10,Num,3)
Sum+=1
if i%2=0:
     print(i*2)
  Else:
print(i*3 print Sum)
```

Q11. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
weather='raining'
if weather='sunny':
        print("wear sunblock")
elif weather='snow':
        print("going skiing")
else:
        print(weather)
```

Q12. Write the modules that will be required to be imported to execute the following code in Python.

```
def main( ):
for i in range (len(string)) ):
if string [i] = = ‘’ “
        print
else:
        c=string[i].upper()
print( “string is:”,c)
print (“String length=”,len(math.floor()))
```

Q13. Observe the following Python code very carefully and rewrite it after removing all syntactical errors with each correction underlined.

```
DEF execmain():
x = input("Enter a number:")
if (abs(x)=x):
   print ("You entered a positive number")
else:
x=*-1
  print "Number made positive:"x
execmain()
```

Q14. Rewrite the following code in python after removing all syntax error(s).Underline each correction done in the code

```
x=integer(input('Enter 1 or 10'))
if x==1:
for x in range(1,11)
        Print(x)
Else:

        for x in range(10,0,-1):
                print(x)
```

Q15. Rewrite the following code in python after removing all syntax error(s). Underline each correction done in the code.

```
30=To
for K in range(0,To)
        IF k%4==0:
                print (K*4)
        else
                print (K+3)
```

OUTPUT FINDING QUESTIONS

Q1. Find output generated by the following code:

```
p=10
q=20
p*=q//3
```

```
q+=p=q**2
print(p, q)
```

Q2. Find output generated by the following code:

```
String Str=”Computer”
Str[-4:]
Str*2
```

Q3. Find out the output of the Following –

```
x=20
x=x+5
x=x-10
print (x)
x, y=x-1,50
print (x, y)
```

Q4. Find out the output of the Following –

```
for a in range(3,10,3):
        for b in range(1,a,2):
                print(b, end=’ ‘)
        print( )
```

Q5. FIND OUTPUT OF FOLLOWING

```
x=10
y=5
for i in range(x-y*2):
   print("%",i)
```

Q6. Find output generated by the following code:

```
x="one"
y="two"
c=0
while c<len(x):
   print(x[c],y[c])
   c=c+1
```

Q7. Find output generated by the following code:

```
for i in range(-1,7,2):
for  j in range(3):
      print(i,j)
```

Q8. Find output generated by the following code:

```
string=”aabbcc”
count=3

while True:

   if string[0]=='a':
      string=string[2:]

   elif string[-1]=='b':
      string=string[:2]

   else:

      count+=1
      break

print(string)
print(count)
```

Q9. Find output generated by the following code:

```
x="hello world"
print(x[:2],x[:-2],x[-2:])
print(x[6],x[2:4])
print(x[2:-3],x[-4:-2])
```

Q10. Find and write the output of the following python code :

```
Msg1="WeLcOME"
Msg2="GUeSTs"
Msg3=""
for I in range(0,len(Msg2)+1):
        if Msg1[I]>="A" and Msg1[I]<="M":
                Msg3=Msg3+Msg1[I]
        elif Msg1[I]>="N" and Msg1[I]<="Z":
                Msg3=Msg3+Msg2[I]
        else:
                Msg3=Msg3+"*"
print Msg3
```

Q11. Find and write the output of the following python code :

```
def Changer(P,Q=10):
        P=P/Q
        Q=P%Q
        print P,"#",Q
        return P
A=200
B=20
A=Changer(A,B)
print A,"$",B
B=Changer(B)
print A,"$",B
A=Changer(A)
print A,"$",B
```

Q12. Find and write the output of the following python code:

```
Data = ["P",20,"R",10,"S",30]
Times = 0
Alpha = ""
Add = 0
for C in range(1,6,2):
        Times= Times + C
        Alpha= Alpha + Data[C-1]+"$"
        Add = Add + Data[C]
print Times,Add,Alpha
```

Q13. Find and write the output of the following python code:

```
Text1="AISSCE 2018"
Text2=""
I=0
while I<len(Text1):
   if Text1[I]>="0" and Text1[I]<="9":
         Val = int(Text1[I])
         Val = Val + 1
         Text2=Text2 + str(Val)
elif  Text1[I]>="A" and Text1[I] <="Z":
        Text2=Text2 + (Text1[I+1])
else:
         Text2=Text2 + "*"
    I=I+1
print Text2
```

Q14. Find and write the output of the following python code:

```
TXT = ["20","50","30","40"]
CNT = 3
TOTAL = 0
for C in [7,5,4,6]:
    T = TXT[CNT]
    TOTAL = float (T) + C
    print TOTAL
    CNT-=1
```

Q15. Find output generated by the following code:

```
line = "I'll come by then."
eline = ""
for i in line:
   eline += chr(ord(i)+3)
print(eline)
```

Q16. Find output generated by the following code:

```
line =  "What will have so will"
L = line.split('a')
for i in L:
   print(i, end=' ')
```

Q17. Find output generated by the following code:

```
p=5/2
q=p*4
r=p+q
p+=p+q+r
q-=p+q*r
print(p,q,r)
```

Q18. Find output generated by the following code:

```
a=(2 + 3) ** 3 – 6 / 2
 b=(2 + 3) * 5// 4 + (4 + 6) / 2
 c=12 + ( 3 * 4 – 6 ) / 3
d=12 % 5 * 3 + (2 * 6) // 4
print(a, b, c, d)
```

Q19. Find the output of the following:

```
def main( ) :
    Moves=[11, 22, 33, 44]
    Queen=Moves
Moves[2]+=22
L=Len(Moves)
for i in range (L)
          print “Now@”, Queen[L-i-1], “#”, Moves [i]
```

Q20. Find the output of the following

```
L1 = [100,900,300,400,500]
START = 1
SUM = 0
for C in range(START,4):
      SUM = SUM + L1[C]
print(C, ":", SUM)
      SUM = SUM + L1[0]*10
```

```
print(SUM)
```

Q21. Find and write the output of the following python code:

```
def fun(s):
k=len(s) m=" "
for i in range(0,k): if(s[i].isupper()):
        m=m+s[i].lower()
elif s[i].isalpha():
        m=m+s[i].upper()
else:
        m=m+'bb' print(m)
fun('school2@com')
```

Q22. Find the output of the give program :

```
def Change(P ,Q=30):
        P=P+Q
        Q=P-Q
        print( P,"#",Q)
        return (P)
R=150
S=100
R=Change(R,S)
print(R,"#",S)
S=Change(S)
```

Q23. Find the output of the give program :

```
x = "abcdef"
i = "a"
while i in x:
        print(i, end = " ")
```

QUESTIONS BASED ON TUPLE

Q1: Find the output of following codes

1. t1=("sun","mon","tue","wed")
   a. print(t1[-1])

2. t2=("sun","mon","tue","wed","thru","fri")
   for i in range (-6,2):
   print(t2[i])

3. t3=("sun","mon","tue","wed","thru","fri") if "sun" in t3:
   for i in range (0,3):
   print(t2[i])
   else:
   for i in range (3,6):
   print(t2[i])

4. t4=("sun", "mon", "tue", "wed", "thru", "fri")
   if "sun" not in t4:
   for i in range (0,3):
   print(t4[i])
   else:
   for i in range (3,6):
   print(t4[i])

5. t5=("sun",2,"tue",4,"thru",5) if
   "sun" not in t4:
   for i in range (0,3):
   print(t5[i])
   else:
   for i in range (3,6):
   print(t5[i])

6. t6=('a','b')
   t7=('p','q')
   t8=t6+t7
   print(t8*2)

7. t9=('a','b')
   t10=('p','q')
   t11=t9+t10
   print(len(t11*2))

8. t12=('a','e','i','o','u')
   p, q, r, s, t=t12
   print("p= ",p)
   print("s= ",s)
   print("s + p", s + p)

9. t13=(10,20,30,40,50,60,70,80)
   t14=(90,100,110,120)
   t15=t13+t14
   print(t15[0:12:3])

Q2. Find the errors

1. t1=(10,20,30,40,50,60,70,80)
   t2=(90,100,110,120)
   t3=t1*t2
   Print(t5[0:12:3])

2. t1=(10,20,30,40,50,60,70,80)
   i=t1.len()
   Print(T1,i)

3. t1=(10,20,30,40,50,60,70,80)
   t1[5]=55
   t1.append(90)
   print(t1,i)

4. t1=(10,20,30,40,50,60,70,80)
   t2=t1*2
   t3=t2+4
   print t2,t3

5. t1=(10,20,30,40,50,60,70,80)
   str=""
   str=index(t1(40))
   print("index of tuple is ", str)
   str=t1.max()
   print("max item is ", str)

LIST BASED QUESTION

Q1. Give the output of the following code:-

```
list=['p','r','o','b','l','e','m']
list[1:3]=[]
print(list)
list[2:5]=[]
print(list)
```

Q2. Give the output of the following code:-

```
l1=[13,18,11,16,13,18,13]
print(l1.index(18))
print(l1.count(18))
l1.append(l1.count(13))
print(l1)
```

Q3. Find the error in following code. State the reason of the error.

```
aLst = { 'a':1 ,' b':2, 'c':3 }
print (aLst['a','b'])
```

Q4. Find the error in following code. State the reason of the error.

```
list1 =[1998, 2002, 1997, 2000]
list2 =[2014, 2016, 1996, 2009]
print"list1 + list 2 = : ", list1 +list2   #statement 1
print"list1 * 2 = : ", list1 *2             #statement 2
```

Q5. What is the output of the following:

```
list1 = [1, 2, 3, 4, 5]
list2 =list1
list2[0] =0;
print("list1= : ", list1)
```

Q6. What is the output of the following:

```
data =[2, 3, 9]
temp =[[x forx in[data]] forx inrange(3)]
print(temp)
```

a) [[[2, 3, 9]], [[2, 3, 9]], [[2, 3, 9]]]
b) [[2, 3, 9], [2, 3, 9], [2, 3, 9]]
c) [[[2, 3, 9]], [[2, 3, 9]]]
d) None of these

Q7. What is the output of the following:

```
Temp =['Geeks', 'for', 'Geeks']
arr =[i[0].upper() fori intemp]
print(arr)
```

a) ['G', 'F', 'G']
b) ['GEEKS']
c) ['GEEKS', 'FOR', 'GEEKS']
d) Compilation error

Q8. What will be the output?

1. d1 ={"john":40, "peter":45}
2. d2 ={"john":466, "peter":45}
3. d1 > d2

a) TRUE
b) FALSE
c) ERROR
d) NONE

Q9. What will be the error of the following code Snippet?

```
Lst =[1,2,3,4,5,6,7,8,9]
Lst[::2]=10,20,30,40,50,60
Print[Lst]
```

Q10. Find the error in following code. State the reason of the error

```
aLst={'a':1,'b':2,'c':3}
print(aLst['a','b'])
```

Q11. What Will Be The Output Of The Following Code Snippet?

```
a =[1,2,3,4,5]
print(a[3:0:-1])
```

A. Syntax error **B.** [4, 3, 2]

C. [4, 3] **D.** [4, 3, 2, 1]

Q12. What Will Be The Output Of The Following Code Snippet?

```
fruit_list1 = ['Apple', 'Berry', 'Cherry', 'Papaya']
fruit_list2 = fruit_list1
fruit_list3 = fruit_list1[:]
fruit_list2[0] = 'Guava'
fruit_list3[1] = 'Kiwi'
sum = 0
for ls in (fruit_list1, fruit_list2, fruit_list3):
   if ls[0] == 'Guava':
      sum += 1
   if ls[1] == 'Kiwi':
      sum += 20
print (sum)
```

A. 22 **B.** 21

Q13. What Will Be The Output Of The Following Code Snippet?

```
a = {(1,2):1,(2,3):2}
print(a[1,2])
```

A. Key Error **B.** 1

C. {(2,3):2} **D.** {(1,2):1}

Q14. What Will Be The Output Of The Following Code Snippet?

```
my_dict = {}
my_dict[1] = 1
my_dict['1'] = 2
my_dict[1.0] = 4
sum = 0
for k in my_dict:
   sum += my_dict[k]
print (sum)
```

A. 7 **B.** Syntax error

Q15. What Will Be The Output Of The Following Code Snippet?

```
my_dict = {}
my_dict[(1,2,4)] = 8
my_dict[(4,2,1)] = 10
my_dict[(1,2)] = 12
sum = 0
for k in my_dict:
   sum += my_dict[k]
print (sum)
print(my_dict)
```

A. Syntax error

B. 30
{(1, 2): 12, (4, 2, 1): 10, (1, 2, 4): 8}

C. 47
{(1, 2): 12, (4, 2, 1): 10, (1, 2, 4): 8}

D. 30
{[1, 2]: 12, [4, 2, 1]: 10, [1, 2, 4]: 8}