

Kendriya Vidyalaya N.A.D. Karanja
Winter Break Holiday Homework 2023 - 2024
Class :- XI (All Section)

Subject :- English

- Solve your November HY Question Paper.**
- Read remaining lessons, poems and stories other than prescribed for HY and based on your reading, write a paragraph of 10 lines for each.**
- Attempt any 2 Note-making passages with summary.**
- Write any 4 classified advertisements on different themes.**

Subject :- Hindi (हिंदी)

1. अप्रत्याशित लेखन

अ. प्रकृति के मध्य मेरा विद्यालय

ब. मेरे विद्यालय में वार्षिक खेल दिवस

2. डायरी लेखन

अ. मेरे प्रिय मित्र से मेरा झगड़ा हो गया

ब. अर्द्धवार्षिक परीक्षा में कम अंक प्राप्त किए

3. औपचारिक पत्र

आपका मोहल्ला निरंतर पीने के पानी की समस्या से जूझ रहा है। जल विभाग के अधिकारी को पत्र लिखकर इस समस्या से अवगत करवाएं।

Subject :- Accountancy

- 1. Revision of depreciation chapter**
- 2. Practice question (1,3,5,7,9,11,13,15,17,19) of rectification of error chapter**
- 3. Assignment work:**

Types of account

- a. Journal entry explained with example**
- b. Ledger preparation with an example**
- c. Subsidiary books with an example**

Subject :- Business Studies

Business study subject:

1. Revision of formation of company
2. Revision of source of finance
3. Assignment work:

Any chapter with a real example of company

Subject :- Economics

1. Read “The Economic Times” newspaper in a daily basis and note down the headlines & its interpretation your homework notebook. (Microeconomics)
2. Solve illustrations and unsolved question of Median, Mode and Elasticity of supply from Reference Book (statistics book) in homework notebook.
3. All students must make projects as per CBSE pattern (2023-2024) on given topics for final exam.

Subject :- History

(1) Find out whether the soil or sand from a given place contains particles that have iron. Try this activity near your home school or the places you visited on your holidays . Make a table of what you find.

(2) Collect pictures Relating to floods or droughts from old magazines or newspapers. Paste them in your notebook and write about the problems that people would have faced.

Subject :- Computer Science

General Instructions

1. This question paper has 7 pages.
2. This question paper contains five sections, Section A to E.
3. All questions are compulsory.
4. Section A has 18 questions carrying 01 mark each.
5. Section B has 07 Very Short Answer questions carrying 02 marks each.
6. Section C has 05 Short Answer type questions carrying 03 marks each.
7. Section D has 03 Long Answer type questions carrying 05 marks each.
8. Section E has 02 questions carrying 04 marks each.
9. All programming questions are to be answered in Python Language only.

Section -A

1. The physical components of computer system are known as _____

- a) Software
- b) Hardware
- c) Humanware
- d) Drivers

2. 8 bits makes _____

- a) 1 Byte
- b) 1 KB
- c) 1 MB
- d) 1 Nibble

3. Which of the following is not a logical gate?

- a) AND
- b) OR
- c) NOT
- d) NONE

4. When python was developed?

- a) 1990
- b) 1991
- c) 1992
- d) 1993

5. To run python program which of the following key is used?

- a) Ctrl + F5
- b) Alt + F5
- c) Ctrl + F9
- d) F5

6. Which of the following is not a python tokens?

- a) Keyword
- b) Literals
- c) List
- d) Operators

7. What will be the output of the following code segment?

```
a,b=5,6  
b,a=a,b  
print(a,"+",b)
```

- a) 5 + 6
- b) 6 + 5
- c) 11
- d) None

8. Kriza wants to divide a number and store the result without decimal places into an integer variable. Suggest her an appropriate operator from the following:

- a) /
- b) %
- c) //
- d) Both a) & b)

9. What will be the output of following code:

```
if True:  
print("true")  
else:  
print("false")
```

- a) True
- b) False
- c) true
- d) false

10. Dhyana wants to terminates the while loop at the end of program. Suggest her a suitable keyword from the following:

- a) terminate
- b) break
- c) continue

d) stop

11. Observe the given code and select an appropriate output:

```
a='hello'  
b=str(30)  
print(a+b)  
a) h
```

b) hello

c) 30

d) hello30

12. Rudra wants to access a second last list element of list object L. Help him to select an appropriate option to accomplish his task.

a) L[2]

b) L[-2]

c) L[len(l)-2]

d) L-2

13. Consider these statements:

```
a=56,78,32,12
```

```
print(type(a))
```

What will be the output?

a) <class 'int'>

b) <class 'tuple'>

c) <class 'list'>

d) <class 'str'>

14. Observe the given declarations: i. d={}

ii. d=dict()

iii. d=Dict()

iv. d=dict.fromkeys()

Which of the following are correct ways to create an empty dictionary?

a) i and ii

b) i,ii and iv

c) i,iii and iv

d) i and iii

15. Jay forgot to sign off from his email account on his laptop. Later, his classmate Rishi started using the same computer. He is now logged in as Jay. He sends inflammatory email messages to few of his classmates using Jay's email account. Rishi's activity is an example of which of the following cybercrime? Justify your answer. a) Hacking

b) Identity theft

c) Cyber bullying

d) Plagiarism

16. Which act protects against cybercrime in India?

- a) Indian IT Act
- b) India Computer Security Act
- c) Indian Cyber Law
- d) Indian Data Security Law

17 and 18 are ASSERTION AND REASONING based questions. Mark the correct choice as

- (A)** Both (A) and (R) are true and (R) is the correct explanation (A)
- (B)** Both (A) and (R) are true and R is not the correct explanation (A)
- (C)** (A) is True but (R) is False
- (D)** (A) is false but (R) is True

17. Assertion(A): Data submitted online intentionally known as active digital foot print.

Reasoning(R): Active digital footprints includes emails, replies, comments or posts made on different websites or apps.

18. Assertion(A): Python lists allows to modify their elements by indexes easily.

Reasoning(R): Python lists are mutable.

Section B

19. Write equivalent ASCII code for the following:

- a) CAB
- b) Dad
- c) FUN
- d) ego

20. Draw logical circuit for the following equation:

- a) $AB' + C'$
- b) $P'Q' + R$

21. What do you mean by tokens? List out python tokens.

22. Consider the following string mySubject:

```
mySubject = "Computer Science"
```

What will be the output of:

- a) `print(mySubject[:3])`
- b) `print(mySubject[-5:-1])`
- c) `print(mySubject[::1])`
- d) `print(mySubject*2)`

OR

Differentiate between `append()` and `extend()` methods with example.

23. Create a dictionary to assign day number as key and day name as value.

24. List any four benefits of e-waste management.

OR

Mention any four net etiquettes.

25. Differentiate between copyright and plagiarism.

Section C

26. Draw the basic architecture of computer system. Explain memory unit in detail.

27. Explain the numeric data types used in python with example.

OR

Explain the following string operations in detail with example.

a) String Concatenation

b) String Replication

c) Membership

28. Find the output of the given code:

```
l = [6, 3, 8, 10, 4, 6, 7]
print('@', l[3] - l[2])
for i in range(len(l)-1, -1, -2):
    print('@', l[i], end=" ")
```

OR

What will be the output of the following code?

```
tuple1 = (11, 22, 33, 44, 55, 66)
list1 = list(tuple1)
new_list = []
for i in list1:
    if i%2==0:
        new_list.append(i)
new_tuple = tuple(new_list)
print(new_tuple)
```

29. What are the characteristics of dictionary?

30. Pranjal has downloaded an image from internet and used it in his PowerPoint presentation. But the owner of image does not permit the free uses of it.

a) What do you mean by IPR?

b) Which type of violation of IPR has been done by Pranjal here?

c) Can he use this image legally? Explain how?

Section D

31. Write an algorithm and flow chart to find the square of given number.

OR

Write a program to print the following pattern up to n terms:

```
1
1 2
1 2 3
1 2 3 4
```

32. Write a program to accept n number of elements and add them into a list. Find the maximum and minimum values and print them.

OR

Write a program to create a dictionary as follows:

```
d={'empno':123,'ename':'Smit','salary':45000}
```

Print the names of employees who earns more than 20000 salary.

33. Prakash has created a group on whatsapp to share the study material. But his friend Jahan is posting rumours in the group.

- a) Which term is used for the task done by Jahan?
- b) Write any three safety measures Prakash has to follow for this situation.
- c) What do you mean by cyberstalking?
- d) What do you mean by cyberbullying?
- e) Which government portal helps to control cybercrime in India?

Section E

34. Observe the code given below and write answer of the following questions:

```
a,b=0,1
n=_____ # Statement 1
if _____: #Statement 2
print("Please enter a positive number")
elif _____: #Statement 3
print("You have entered 0")
else:
_____ #Statement 4
c = a+b
a = b
b = c
print(b)
```

- i i. Write input statement to accept n number of terms – Statement 1
- ii ii. Write if condition to check whether input is positive number or not - Statement 2
- i iii. Write if condition to check whether input is 0 or not -

Statement 3

OR (For iii Only)

Write for loop for to iterate the values up to n terms

35. Dhruvin is learning python modules. Help him to complete the given partial code:

```
import _____ # Statement 1
TEXT="Class XI"
COUNT=_____ # Statement 2
C=9
while TEXT[C]!='L':
print(TEXT[C]+TEXT[COUNT]+'*')
COUNT=COUNT+1
C=C-1
```

- i (i) Write the name of module required to be imported – Statement 1
- ii (ii) Write the random function to generate random number between 0 and 3 – Statement 2
- iii (iii) Write the possible output for the given code
- iv (iv) What are the minimum and maximum values can be generated from this module

Subject :- Informatics Practices

Important QnA List Manipulations class 11

As usual we will start our important QnA session with objective type questions, so here we begin Important QnA List Manipulations class 11.

Objective type questions

This section of Important QnA List Manipulations class 11 consists of objective type questions of one marks in the form of fill in the blanks, MCQs and True/False. Here we start!

1. Accessing list element through it's index is known as traversing list. (True/False)

2. If the list index is starting with 0,1,2 and so on for the list, is known as _____ indexing.

3. To access list from reverse order is known as _____ indexing.

4. You can traverse the list in for loop without range function. (True/False)

5. Slicing means displaying list elements from a start position to end position with specified step values. (True/False)

6. `s1= l[0:4]` will return

1. First four elements

2. First three elements

3. Elements between 0 and 4

4. All of these

7. `s1=[1:-1]` will return

1. First to the last element

2. Second to second last element

3. First to the second element

4. First index to index 2

8. What will be the output of `l * 2`, if `l=[7,5]`

1. `[14,10]`

2. `[14,10,14,10]`

3. `[7,7,5,5]`

4. `[7,5,7,5]`

9. If `l1=[4,6]` and `l2=[3,5]`, what will the output of `l1 + l2`

1. `[7,11]`

2. `[4,6,3,5]`

3. [3,4,5,6]

4. [3,5,4,6]

10. `s = l[:-1]` will return,

1. a list in reverse order

2. a list in the same order but ignore the last element

3. a list in the reverse order and ignore the first element

4. all element with decrement value 1

11. Ms. Priya is working with the list. Now she wants to print the entire list in reverse order using slice. Which of the following statement will print the element in reverse order?

1. `l[len(l)-1,0]`

2. `l[-1:]`

3. `l[len(l)-1,0]`

4. `l[::-1]`

12. Suppose a list is having 7 elements. Then what will be the correct statement out of the following in case the slice is written in this manner: `l[1:11]`

1. Error

2. Ignore the first element and display the rest of all

3. Display the element starting from the second element to the length of elements and rest will be garbage values

4. No output, infinite loop

13. Ms. Suman wants to print only the last element of the list using slice. Which of the following statement is correct?

1. `l[0]`

2. `l[-1:]`

3. `l[:-1]`

4. `l[len(l)-1]`

14. What will be the output of `l[len(l)-2]`, if `l = [12,23,34,45,56,67,78,89]`:

1. 67

2. 23

3. 6

4. 78

15. Consider the same list given in the question no. 14 and what will be the output for the statement `print(45 in l)`:

1. True

2. False

3. Error

4. 45

16. You cannot compare two lists if they are of different length. (True/False)

17. The _____ keyword is used to make a true copy of the list.

18. What will be the output of `l[-1][-1]`, if `l=['Anand','Surat','Bhuj','Morbi']`:

1. Anand

2. Morbi

3. A

4. i

19. What will be the output of `print(l[0][1])` If `l=['Virat',[78,45,99]]`:

1. V

2. i

3. 78

4. 45

20. What will be the output of `print(l[0],l[1][1])`, consider the above list:

1. Virat 45

2. Virat 78

3. V 45

4. V 78 45

Now let us see the answer of the objective questions of QnA List Manipulations class

11.

1. True

2. positive

3. negative

4. True (By using in operator)

5. True

6. 1 First four elements

7. 2 Second to second last element

8. 4 [7,5,7,5]

9. 2 [4,6,3,5]

10. 2 a list in the same order but ignore the last element

11. 4 `l[::-1]`

12. 2 Ignore the first element and display the rest of all

13. 3 `l[:-1]`

14. 4 78

15. 1 True

16. False

17. copy

18.4 i

19.2 i

20.1 Virat 45

Now let us discuss short answer questions for Important QnA List Manipulations class 11.

Short answer questions

1. What do you mean by traversing a list? Explain with a suitable example.
2. Enlist the ways of traversing a list.
3. What do you mean by positive indexing and negative indexing? Explain with example.
4. How to traverse a list by using for loop? Explain with example.
5. How to traverse a list using membership operator in? Elaborate your answer with an example.
6. Explain the list slicing with example.
7. What is the difference between concatenation and replication operator?
8. What do you mean by making a true copy of a list?

Refer this article for the answers.

Traversing and Accessing list

More practical programs we will see in the practical.

That's all from Important QnA List Manipulations class 11. Share this article with your friends and in your social media groups.

Subject :- Geography

1. Mark these location on the outline map of India:
 - i. Tropic of Cancer
 - ii. Nilgiri
 - iii. Sunderban
 - iv. Gulf of Munnar
 - v. Panchmarhi
 - vi. Nokrek
2. Mark these location on the outline map of world:
 - i. Tropical Andes
 - ii. Queensland
 - iii. Indonesia
 - iv. Philippines
 - v. Eastern Himalaya
3. What is tropical evergreen forest and write its characteristics in details.
4. What are the steps we have taken to conserve forest of India?
5. What are the climatic variables Koppen used for classification of the climate?
6. Define Droughts, its types and areas prone to drought in India.
7. Discuss the vulnerability zones of landslides in India.
8. How tropical cyclone formed?
9. What is farm forestry?
10. Discuss reasons of declining wildlife.
11. Name the climatic groups classified by Koppen in details.
12. What type of vegetation would you find in the "B" and "D" types of climate?
13. Name high and very high-risk seismic areas of India.
14. Write short note on Sunderbans Biosphere Reserve.
15. How can we utilise our forests resources for future? Give four ways.

WISH YOU ALL THE BEST

STAY SAFE,

BE HAPPY AND HEALTHY

Submit holiday
homework on first day of
reopening of the
Vidyalaya