



"Dissemination of Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunkhe

Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)



**Department
of
Computer Science**

2024-25

Class Tests

Shri Swami Vivekanand Shiksha Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

DATE: 31/05/2025

CLASS : B.Sc. PART-I YEAR 2024-2025

Sr.No	Roll No	Gender	Student Name	Subject/Grade	Mark
1	7267	Male	CHANDREKAR VIGHNESH RAJESH	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
2	7268	Female	INDULKAR KSHITIJ ATUL	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
3	7269	Male	KUMBHAR JAYDEEP SHANKAR	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
4	7270	Male	KUWALEKAR Koustubh Bhaskar	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
5	7271	Female	LOKHANDE APURVA DILIP	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
6	7272	Male	MALAGE PRATIKRAJ JAYKUMAR	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
7	7273	Male	MANE AVIRAJ BALKRISHNA	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
8	7274	Female	MASARANKAR SAMIKSHA GOVIND	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
9	7275	Male	MOHITE ARJUN KIRAN	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
10	7276	Male	PATIL ADITYA SHIVAJI	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
11	7277	Male	PATIL RAJWARDHAN SHRIRAM	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
12	7278	Male	PATIL SANKET SANDIP	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
13	7279	Female	RAUT SIDDHI SHIVAJI	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
14	7280	Male	THORAWADE SHIVRAJ RAMCHANDRA	Maths I, Electronics I, Computer Science I, Chemical Science I OF 105	
15	7281	Female	BHOJE SHRADHA SACHIN	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
16	7282	Male	BOGARE SARTHA VISHWANATH	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
17	7283	Male	CHOUGALE AYUSH BALAVANT	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
18	7284	Female	GARDI SAYMA RASHID	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
19	7285	Female	HAVALDAR HARSHA BALASO	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
20	7286	Male	KAMAT SHRIVEN SANDIP	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
21	7287	Female	KIRAMATE SAKSHI SURESH	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
22	7288	Female	KOLI SAMIKSHA SANTOSH	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
23	7289	Female	KUMBHAR GOURI TANAJI	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
24	7290	Female	KUMBHAR SIDDHI UDAY	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
25	7291	Male	KUPALE AKSHAY SHIVAJI	Maths I, Electronics I, Computer Science I, Life Science I OF 105	
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30	7296	Female	BALLAL PURVA MURALIDHAR	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
31	7297	Female	BALLAL RADHIKA VASANT	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
32	7298	Female	DESAI SHRUTI PRADEEP	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
33	7299	Female	FARAKATE ANKITA SHANTARAM	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
34	7300	Female	KALE ARPITA PRAVIN	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
35	7301	Male	KENAVADE ADITYA ANANDA	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
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37	7303	Male	MULAGE SHIVAM RAHUL	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
38	7304	Male	PARIT SANSKAR SHITAL	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
39	7305	Female	PATIL APURVA SUNIL	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
40	7306	Female	PATIL ASHWINI BABURAO	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
41	7307	Female	PATIL SANSKRUTI PRAMOD	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
42	7308	Male	PATIL SHIVRAJ VINAYKUMAR	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
43	7309	Female	TIPUGADE SANIKA YUVRAJ	Maths I, Statistics I, Computer Science I, Chemical Science I OF 105	
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48	7314	Male	KALANTRE RAJ BABASO	Maths I, Statistics I, Computer Science I, Physical Science I OF 105	
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50	7316	Female	MAGDUM SAMIKSHA SHIVAJI	Maths I, Statistics I, Computer Science I, Physical Science I OF 105	
51	7317	Female	MANE SRUSHTI SANTOSH	Maths I, Statistics I, Computer Science I, Physical Science I OF 105	
52	7318	Male	NAIK SAKSHI CHAKOR	Maths I, Statistics I, Computer Science I, Physical Science I OF 105	
53	7319	Female	NAYAKWADI SAMINA RAJEKHAN	Maths I, Statistics I, Computer Science I, Physical Science I OF 105	
54	7320	Female	SHAIKH TAMANNA IRFAN	Maths I, Statistics I, Computer Science I, Physical Science I OF 105	



Samiksha Shivaji Mogdum



॥ ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार ॥

- शिक्षणमहर्षी डॉ. बापूजी साबुंबे

VIVEKANAND COLLEGE, KOLHAPUR.
(Empowered Autonomous)

SUPPLIMENT

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Suppliment No. : 1

46075

Centre

प्र. क्र.

Q. No.

- 1) What is list ? Explain characteristic of list
- 2) Explain following operators
 - i) Repetition
 - ii) Concatenation
 - iii) Iteration
 - iv) in not, in operators

- 3) Explain any four method of list with example, syntax

→ 1) List :-

The data structure in python which is mutable, changeable and ordered sequence of elements



प्र. क्र.
Q. No.

• Characteristics of list :-

- ① It is changeable.
- ② It is mutable type
- ③ The ordered sequence of element in the list.
- ④ The list can be store a number of various elements

→ 2] i) Repetition :-

In the repetition the values of elements repeated at multiple times.

Repetition of the list

declaring the list

```
>>> list = ['A', 'B', 'C', 'D', 'E', 'F', 'G', 'H']
```

print(list*2)

```
print(list)
```

['A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H']

ii) Concatenation :-

Concatenation appears in the list mentioned as





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प्र. क्र.

Q. No.

2) clear() method :-

The clear() method removes all the element of the list.

syntax

list.clear()

No parameter.

e.g.

>>> list = ['APPLE', 'BANANA']

>>> list.clear()

>>> print(list)

[]

3) copy() method :-

The copy() method return copy of the all the element.

syntax

list.copy(~~element~~) (element)

element: Required the type of C string, object, list).

e.g.

>>> list = [1, 2, 3, 4, 5]



02

Section

Q No.

Marks

Q No.

```
>>> list.copy()
>>> print(list)
>>> [1, 2, 3, 4, 5]
```

4) Reverse() method :-

The reverse() method return starting order of the element.

Syntax:

list.reverse()

element: Required type (string, list).

e.g

```
>>> list = [1, 2, 3, 4]
>>> list.reverse()
>>> print(list)
>>> [4, 3, 2, 1]
```

(अधिकातर प्रश्न स्वतंत्र)

कौलतापर



Vivekanand College Kolhapur
Department of Computer Science
BSc-II Sem -III
Surprise Test (Object Oriented Programming)

Sr	Roll No	Name	Sign
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3	7762	PATIL PRAVIN BAJIRAO	Ab
4	7763	SHINDE SHRISHAIL SHRIPATI	Ab
5	7764	ATTAR NASHRA ABDULLAH	Ab
6	7765	BIRJE NAMRATA NARAYAN	N. N. Birje
7	7766	CHARANKAR SHARVARI SANJAY	Charankar
8	7767	CHOUGALE SAKSHI SANTOSH	(Gul)
9	7768	CHOUGULE SWEJAL AMAR	Ab
10	7769	CHOUGULE SWEJAL AMAR	Ab
11	7770	GAIKWAD URVEE UMESH	Gaikwad
12	7771	GURAV SAHIL SAMIR	Rishi
13	7772	HANNAH PRISCILLA MINGOLI	HA
14	7773	KADAM PRITIKA SURESH	Pritam
15	7774	KAMBLE SAKSHI SAGAR	Kamble
16	7775	KANDALE AMRUTA ANANDRAO	Amruta
17	7776	KANUGADE ANUSHKA SHIVLING	ANUSHKA
18	7777	KHOT SIDDHESH PRAKASH	Shot
19	7778	LAHIGADE PARTH SAGAR	Lahigade
20	7779	MACHALE OMKAR SANGRAM	Machale
21	7780	MANE SATVIK VIKAS	Mane
22	7781	MORBALE VAISHNAVI PARSHRAM	Morba
23	7782	PATIL BHAKTI SAMBHAJI	Bhakti
24	7783	PATIL MADHURA ANANDA	Patil
25	7784	PATIL SANIKA DAGADU	Patil
26	7785	PATIL TEJAS POPAT	Patil
27	7786	PATIL UTKARSHA NITIN	Patil
28	7787	PATIL VIRAJ UTTAM	Ab
29	7788	PEDANEKAR SHIVAJI SATAPPA	Pedane
30	7789	POWAR SANIKA ASHOK	Powar
31	7790	SAMRAT ALLI ASHRAF	Ashraf
32	7791	SANKPAL ARATI BABAN	Sankpal
33	7792	SUTAR MANISHA BAJARANG	ms
34	7793	SUTHAR MAINA OMPRAKASH	Suthar
35	7794	TELEKE NITASI SULU	Shulo
36	7795	TORASKAR SHRADDHA SUBHASH	Toraskar
37	7796	VAGRE ROHAN SANJAY	Vagre
38	7797	VAIBHAV ANNASO KHOT	Ab
39	7798	VEER SNEHAL DILIP	Veer



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42	7801	BHOSALE RAJLAXMI UDAYSINH	AB
43	7802	BORKAR ILA ASHISH	ILA
44	7803	DESAI ATHARV ASHOK	ATHARV
45	7804	DONGARE SAHIL SAMIR	AB
46	7805	DRAKSHE VEDANT SANJAY	VZ
47	7806	GHUNAKE PRIYANKA VASANT	Ghuna
48	7807	GIRIGOSAVI AMRUTA ANIL	Amrigasavi
49	7808	HATGINE SHREYA RAHUL	Shreya
50	7809	JADHAV ANUJA DHANAJI	Anudhar
51	7810	KAMBLE PRANALI PRADIP	Pranali
52	7811	KATAKAR SAIRAJ SUNIL	Sairaj
53	7812	KHOT KIRTI SANDEEP	Kirti
54	7813	KHOT SRUSHTI SACHIN	Srushti
55	7814	KOKITKAR PRAGATI NAMDEV	Pragati
56	7815	KUMBHAR PRASAD PANDURANG	PPKumbhar
57	7816	MANE PRUTHVIRAJ LAXMAN	Pruthvi
58	7817	MISAL SNEHAL UTTAM	Somisa
59	7818	NAYAKAWADE PRADNYA PANDURANG	P.D.N
60	7819	NILKANTH SARTHAK NANDKISHOR	Sarthak
61	7820	PATIL GAYATRI PRAKASH	Gayatri
62	7821	PATIL PAYAL ASHOK	Payal
63	7822	PATIL PRADNYA SARDAR	Pradny
64	7823	PATIL PRATIKSHA VIJAY	Pratiksha
65	7824	PATIL PRERANA GANPATI	Prerana
66	7825	PATIL RUTUJA RAJARAM	Rutuja
67	7826	PATIL SAKSHI SANJAY	Sakshi
68	7827	PATIL SANIYA PRAKASH	Saniya
69	7828	PATIL SHIVANI SARJERAO	Shivani
70	7829	PATIL SRUSHTI RAJESH	Srushti
71	7830	POWAR AMRUTA RAVSAHEB	Amruta
72	7831	POWAR ARYAN CHANDRAKANT	Aryan
73	7832	PUNEKAR MANSI SHAHU	Mansi
74	7833	RANDIVE DHANSHREE DEEPAK	Dhanika
75	7834	RAYAMANE ANURADHA RUDRANATH	Anu
76	7835	SALUNKHE DIGAMBAR SATISH	Digambar
77	7836	SASANE VARSHALI SAMPAT	VS
78	7837	SATPUTE RASIKA VISHWANATH	Rasika
79	7838	SAVANT TRUPTI MANAJI	Trupti
80	7839	SHAIKH SHAHID SALAUDDIN	AB
81	7840	SHETKE SWAPNIL SUDHAKAR	Swapnil
82	7841	SUTAR PRIYANKA PUNDLIK	Priyanka
83	7842	UKKOJI PRAJKATA VITTAL	Prajakta
84	7843	UNDALE AJINKYA KIRAN	Ajinkya



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SUPPLIMENT

॥ ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार ॥

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0041

Centre

OOP Test

प्र. क्र.

Q. No.

1. → 1) **objects**: In object oriented programming the objects an entity that has a state & behaviour associated with it may be any real world objects like keyboard, mouse.
- 2) **class**: A class is an collection of objects a class contain the blueprint or the prototype from which the objects are being created.
- 3) **Inheritance**: Inheritance is capability of one class to derive class or inherits the properties from another class. the class that derive properties is called derived class or child class & the class from which the properties are being derived is called the base class or parent class.
- 4) **polymorphism**: Contain of two words 'poly' & 'morphs'. poly means many & morph means shape by polymorphism many ways we understand that one task performed many ways.





(अधिकारप्रदत्त स्वायत्त)
कोल्हापूर

॥ ज्ञान, विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार ॥

- शिक्षणमहर्षी डॉ. बापूजी साळुंखे

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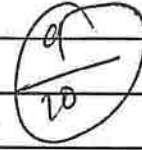
0038

Centre

प्र. क्र.
Q. No.

Name : - Sairaj Sunil Katakax

Subject - OOP



Q1. Explain features of OOP.

1. Encapsulation :-

In Encapsulation code and data are wrapped together within a single unit from being modified by accident. It is used to restrict access to method & variable.

2. Inheritance :

Inheritance is the capability of one class to derive or inherit the properties from another class. The class that derives properties is called the derived class or child class and the class from which the properties are being derived is called the base class or parent class.



[illegible]

ex;

प्र. क्र.
Q. No.

class employee:

```
def __init__(self):
```

```
self.city = "kolhapur"
```

```
self.name = "priya"
```

$e = \text{employee}()$

```
print(e.city)
```

```
print(e.name)
```

② Parameterized constructor:

If a constructor is defined with a multiple parameters along with self is called parameterized constructor.

ex.

```
class employee:
```

```
def __init__(self, name, age):
```

```
self.name = name
```

```
self.age = age
```

```
e = employee("priya", 20)
```

```
print(e.name)
```

```
print(e.age)
```



Vivekanand College Kolhapur

Department of Computer Science

BSc-II Sem -IV

Surprise Test (Algorithm Analysis and Data Structure)

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5	7764	ATTAR NASHIK ABDULLAH	<i>Ab</i>
6	7765	BHIDE NAMIKATA NAHAYAN	<i>[Signature]</i>
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8	7767	CHOUGALE SAKSHI SANTOSH	<i>[Signature]</i>
9	7768	CHOUGALE SWEJAL AMAR	<i>Ab</i>
10	7769	CHOUGALE SWEJAL AMAR	<i>Ab</i>
11	7770	GAIKWAD URVEE UMESH	<i>[Signature]</i>
12	7771	GURAV SAHIL SAMIR	<i>[Signature]</i>
13	7772	HANNAH PRISCILLA MNGOLI	<i>Ab</i>
14	7773	KADAM PRITIKA SURESH	<i>[Signature]</i>
15	7774	KAMBLE SAKSHI SAGAR	<i>Ab</i>
16	7775	KANDALE AMRUTA ANANDRAO	<i>[Signature]</i>
17	7776	KANUGADE ANUSHKA SHIVLING	<i>[Signature]</i>
18	7777	KHOT SIDDHESH PRAKASH	<i>[Signature]</i>
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27	7786	PATIL UTKARSHA NITIN	<i>[Signature]</i>
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29	7788	PEDANEKAR SHIVAJI SATAPPA	<i>[Signature]</i>
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31	7790	SAMRAT ALI ASHRAF	<i>[Signature]</i>
32	7791	SANKPAL ARATI BABAN	<i>[Signature]</i>
33	7792	SUTAR MANISHA BAJARANG	<i>m30</i>
34	7793	SUTHAR MAINA OMPRAKASH	<i>[Signature]</i>
35	7794	TELEKE NITASI SULU	<i>[Signature]</i>
36	7795	TORASKAR SHRADDHA SUBHASH	<i>[Signature]</i>
37	7796	VAGRE ROHAN SANJAY	<i>[Signature]</i>
38	7797	VAIBHAV ANNASO KHOT	<i>Ab</i>
39	7798	VEER SNEHAL DILIP	<i>[Signature]</i>



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41	7800	BHATMARE VARSHARANI SANJAY	Varshab.
42	7801	BHOSALE RAJLAXMI UDAYSINH	Ab
43	7802	BORKAR ILA ASHISH	ILA
44	7803	DESAI ATHARV ASHOK	Asharv
45	7804	DONGARE SAHIL SAMIR	Ab
46	7805	DRAKSHE VEDANT SANJAY	Ab
47	7806	GHUNAKE PRIYANKA VASANT	Ghunka
48	7807	GIRIGOSAVI AMRUTA ANIL	Girigosavi
49	7808	HATGINE SHREYA RAHUL	Hatgina
50	7809	JADHAV ANUJA DHANAJI	Jadhav
51	7810	KAMBLE PRANALI PRADIP	Kamble
52	7811	KATAKAR SAIRAJ SUNIL	Sairaj
53	7812	KHOT KIRTI SANDEEP	Khot
54	7813	KHOT SRUSHTI SACHIN	Khot
55	7814	KOKITKAR PRAGATI NAMDEV	Pragati
56	7815	KUMBHAR PRASAD PANDURANG	P.Kumbhar
57	7816	MANE PRUTHVIRAJ LAXMAN	Mane
58	7817	MISAL SNEHAL UTTAM	Snehal
59	7818	NAYAKAWADE PRADNYA PANDURANG	P.P.N.
60	7819	NILKANTH SARTHAK NANDKISHOR	Nilkanti
61	7820	PATIL GAYATRI PRAKASH	Gayatri
62	7821	PATIL PAYAL ASHOK	Payal
63	7822	PATIL PRADNYA SARDAR	Pradny
64	7823	PATIL PRATIKSHA VIJAY	Pratiksha
65	7824	PATIL PRERANA GANPATI	Prerana
66	7825	PATIL RUTUJA RAJARAM	Rutuja
67	7826	PATIL SAKSHI SANJAY	Sakshi
68	7827	PATIL SANIYA PRAKASH	Saniya
69	7828	PATIL SHIVANI SARJERAO	Shivani
70	7829	PATIL SRUSHTI RAJESH	Srushti
71	7830	POWAR AMRUTA RAVSAHEB	Amruta
72	7831	POWAR ARYAN CHANDRAKANT	Aryan
73	7832	PUNEKAR MANSI SHAHU	Mansi
74	7833	RANDIVE DHANSHREE DEEPAK	Ab
75	7834	RAYAMANE ANURADHA RUDRANATH	Rayamane
76	7835	SALUNKHE DIGAMBAR SATISH	Salunkhe
77	7836	SASANE VARSHALI SAMPAT	Sasane
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79	7838	SAVANT TRUPTI MANAJI	Ab
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0040

Centre

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Q. No.

Name: shivani Sarjono Patil
ADT test

8
10

1) Explain singly linked list with example ?

- linked list is a collection of similar elements
- Each elements points to the next element
- A singly linked list is a linear combinations of nodes where each node contains 2 parts:

Data : the value stored in the node

Next : the references (or pointer) to the next node in the list

Data ← | → Next

Program :

class node :

def __init__(self, data):

self.data = data

self.next = None

def

class sll:

def __init__(self):



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प्र. क्र.

Q. No.

Name :- Prasad Pandurang Kumbhar

Sub :- ADT test

Q. Explain Singly Linked list with example.

A singly linked list is a type of linked list. A singly linked list is a collection of nodes where each node contain two parts.

- 1> Data - Actual data stored in node
- 2> Next - A reference to the next node in the list

The head of list point to the first node and the last node point to None, which indicates the end of the list



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Roll NO : 6322

Date : 22/01/25



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6988

Signature of Jr. Super.

विवेकानंद कॉलेज, कोल्हापूर. (अधिकारप्रदत्त स्वायत्त)

परीक्षेच्या

या विषयाच्या प्रयोग परीक्षा

Practical Examination in,

at the

Examination

उमेदवाराचा आसन क्रमांक
(Candidate's Seat No.)

विभाग
(Section)

उमेदवारांना सूचना

- प्रश्न काळजीपूर्वक वाचा आणि त्याप्रमाणे विचारलेला प्रयोग करा.
- उपकरणांच्या वापराबाबत तुम्हांला काही माहीत नसेल तर परीक्षक किंवा प्रयोगशाळा सहाय्यक यांना तुम्हाला मदत करण्याविषयी विनंती करा.
- कोणताही विद्युत्प्रयोग करण्यापूर्वी, प्रत्यक्ष पुरविलेली सर्व उपकरणे आणि सर्व 'कनेक्शन' नीट पाहून घेऊन संबंधित कामाची नीटनेटकी कार्ययोजना करण्याची नितांत आवश्यकता आहे आणि ह्यानंतर पुढे काम चालू करण्याविषयी परीक्षकांची परवानगी मिळविणे आवश्यक आहे.
- सर्व निरीक्षणे कोटकवजा तक्त्यात भरावी. मधल्या सर्व गणना आणि निर्णय हे क्य तितक्या सुवाच्यपणे आणि स्पष्टपणे नोंदविलेले असणे हे हितावह आहे.
- प्रारंभिक किंवा अंतिम निरीक्षणात संख्यावाचक आकडे एकावर एक लिहू नयेत. जर लिहिलेला कोणताही आकडा नको असेल तर त्यावर एक रेघ ओढून पाहिजे असलेला आकडा त्याच्याजवळ लिहा. प्रयोगशाळेतून बाहेर पडण्यापूर्वी आपले टेबल चांगल्या स्थितीत आहे याची खात्री करा.

INSTRUCTIONS TO CANDIDATES

- Read the question carefully and perform the experiment as required.
- If there by anything the apparatus that you do not know, ask the examiner or the laboratory assistant to help you.
- Before doing any electrical experiment, it is absolutely essential that you make a neat working sketch of all apparatus actually provided and of the necessary connection and obtain the examiner's permission to proceed.
- Express all observations in a tabular form. It is also desirable that all intermediate calculations and results should be entered as neatly and clearly as possible.
- No numerical figures should be written over either in the preliminary or final observations. If any figure is shought to be discarded it should be run through and the desired figure written near to it.
- Please see that your table is in good order before you leave the laboratory.

(येथून लेखनास सुरवात करा.) (Begin writing here.)

प्र. क्र.

Q. No.

Questions :

- Q 1 Explain in detail OOAD concept
- Q 2 Explain with neat labelled diagram VML Architecture
- Q 3 Explain Describe conceptual Modeling



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