



**Shriram Shikshan Sanstha's**  
**Shriram Institute of Information Technology, Paniv**  
 Tel-Malshiras Dist-Solapur, [MH], 413113  
Academic Calendar 2021-22



Sr. No	Date	Activity	Month																																																								
1	1 August	Academic Year Start (First Semester)	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="7">August</th> </tr> <tr> <th>S</th> <th>M</th> <th>T</th> <th>W</th> <th>T</th> <th>F</th> <th>S</th> </tr> </thead> <tbody> <tr> <td></td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> </tr> <tr> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> </tr> <tr> <td>15</td> <td>16</td> <td>17</td> <td>18</td> <td>19</td> <td>20</td> <td>21</td> </tr> <tr> <td>22</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> </tr> <tr> <td>29</td> <td>30</td> <td>31</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	August							S	M	T	W	T	F	S		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31											
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3	3 August	Principal Meeting with Staff Members for academic year																																																									
4	7 August	Guidelines to student about COVID -19																																																									
5	15 August	Independent Day																																																									
6	31 August	Time Table display on Notice Board																																																									
7	5 September	Teacher Day	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="7">September</th> </tr> <tr> <th>S</th> <th>M</th> <th>T</th> <th>W</th> <th>T</th> <th>F</th> <th>S</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> </tr> <tr> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> </tr> <tr> <td>19</td> <td>20</td> <td>21</td> <td>22</td> <td>23</td> <td>24</td> <td>25</td> </tr> <tr> <td>26</td> <td>27</td> <td>28</td> <td>29</td> <td>30</td> <td></td> <td></td> </tr> </tbody> </table>	September							S	M	T	W	T	F	S				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30									
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8	6 September	Project Synopsis information for M.Sc. (Comp. Sci.) students																																																									
9	15 September	Scholarship Related Information to Student																																																									
10	25 September	Welcome Function for First year student B.Sc. (ECS), BCA, and M.Sc. (Comp. Sci.)																																																									
11	29 September	First Review of Project Progress																																																									
12	30 September	Syllabus Review																																																									
13	1 October	Blood Donation Camp.	<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th colspan="7">October</th> </tr> <tr> <th>S</th> <th>M</th> <th>T</th> <th>W</th> <th>T</th> <th>F</th> <th>S</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>2</td> </tr> <tr> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> </tr> <tr> <td>10</td> <td>11</td> <td>12</td> <td>13</td> <td>14</td> <td>15</td> <td>16</td> </tr> <tr> <td>17</td> <td>18</td> <td>19</td> <td>20</td> <td>21</td> <td>22</td> <td>23</td> </tr> <tr> <td>24</td> <td>25</td> <td>26</td> <td>27</td> <td>28</td> <td>29</td> <td>30</td> </tr> <tr> <td>31</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	October							S	M	T	W	T	F	S						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
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	2 October	Malatya Gaudhari Javalli Swichan Shikshan Sanstha's President, Dr. Jyoti B. Bhatnagar																																																									
15	4 To 7 October	First Unit Test																																																									
16	12 October	First Unit Test Result Declaration																																																									
17	22 October	Guest Lecture																																																									
18	29 October	Project Progress of M.Sc. (Comp. Sci.), B.Sc. (ECS), BCA Student																																																									
19	30 October	Syllabus Review																																																									



20	1 To 14 November	Diwali Holiday																																																		
21	15 November	Syllabus Review																																																		
22	16 November	Scholarship Related Information to Students																																																		
23	17 November	Parent Meeting																																																		
24	20 November	Syllabus Completion Report																																																		
25	23 November	IQAC Meeting																																																		
26	22 To 30 November	Preliminary Exam																																																		
27	1 To 20 December	University Exam onward (Tentative) Supervision and Assessment Examination related duties-Sr/Jr Supervisor, Internal Squad, Assessment at college and CAP	<table border="1"> <thead> <tr> <th colspan="7">November</th> </tr> <tr> <th>S</th> <th>M</th> <th>T</th> <th>W</th> <th>T</th> <th>F</th> <th>S</th> </tr> </thead> <tbody> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td></td> <td></td> <td>6</td> </tr> <tr> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>11</td> <td>12</td> <td>13</td> </tr> <tr> <td>14</td> <td>15</td> <td>16</td> <td>17</td> <td>18</td> <td></td> <td>20</td> </tr> <tr> <td>21</td> <td>22</td> <td>23</td> <td>24</td> <td>25</td> <td>26</td> <td>27</td> </tr> <tr> <td>28</td> <td>29</td> <td>30</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	November							S	M	T	W	T	F	S		1	2	3			6	7	8	9	10	11	12	13	14	15	16	17	18		20	21	22	23	24	25	26	27	28	29	30				
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29	3 January	IQAC Meeting																																																		
30	4 January	Principal Meeting with Staff Members for-Syllabus Distribution																																																		
31	5 January	Time Table Display On Notice Board																																																		
32	7 January	Gathering Selection Program																																																		
33	8 January	Gathering Selected Student List Display																																																		
34	13 To 15 January	Sarthak – 2020 (Gathering)																																																		
35	17 To 22 January	Different Days Celebration																																																		
36	23 January	Traditional Day (Tentative)																																																		
37	25 January	Republic Day																																																		
38	24 To 30 January	Internal college sports competition (Tentative)																																																		
39	31 January	Anand Melava																																																		

January						
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40	2 January		
41	14 February	Syllabus Review	
42	17 February	Project Progress of M.Sc. (Comp. Sci.), B.Sc. (ECS), BCA Student	
43	19, 20 February	College Trip (Tentative)	
44	21 to 27 February	NSS Camp.	
45	2 To 5 March	Unit Test	
46	10 March	Result Declaration of Unit Test	
47	14 March	Guest Lecture	
48	20 March	Syllabus Review	
49	12 April	Syllabus Review	
50	13 March	Syllabus Completion Report	
51	18 To 25 April	Preliminary Exam - II	
52	26 April	Farewell Program For Third Year B.Sc(ECS), B.C.A & second year M.Sc(Comp. Sci)	
53	29 April	Preliminary Exam Result Declaration	
54	31 April	Project Completion report	
55	29 April	Staff Meeting	
56	30 April	IQAC Meeting	
57	1 <sup>st</sup> May	Maharashtra Day	
58	3 May To Onward	Practical and Theory Examination by University (Tentative)	
59	3 May to onward	Examination related duties-Sr/Jr Supervisor, Internal Squad, external for practical examination Assessment at college and CAP	

February						
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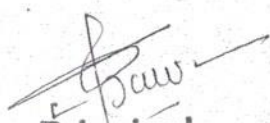
  

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- Every First Friday Sari Day to all girl's student
- Attendance checkup at every Saturday and end of month.
- **This is Tentative Academic Calendar due to COVID-19. Runtime changes made as per Guidance of UGC and University.**

  
**Principal**  
 Shriram Institute of Information Technology  
 Paniv, Tal. Malshiras, Dist. Solapur



॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥  
Shriram Shikshan Santha's



**Shriram Institute of Information Technology, Paniv.**

Tel. - Malshiras, Dist. - Solapur, [MH] - 413113

Date :- 20 December 2021

### Student Notice

All the students of B.Sc. (ECS) – II/III, BCA – II/III and M.Sc. - II, here by inform that our preliminary exam December 2021 will be conducted on **23 December to 31 December 2021**.

The Exam Time Table will be sent on what's app group and also display on notice board.

#### **Note:-**

- 1) The exam will be conducted online.
- 2) All questions are Objective type only.
- 3) Question papers will be sent to the classroom and group daily according to the schedule.
- 4) **100 rupees fine** per paper will be charged for **absent students**.
- 5) All the students must attend exam as per time table.
- 6) Attendance must be compulsory for all the students.
- 7) Student must submit their question paper on the given day only.
- 8) Only one and first response is considered for result.
- 9) Do not submit two or more responses for one paper (Subject).

**Head of Exam Department**

Shriram Institute of Information Technology, Paniv  
Tal. Malshiras, Dist. Solapur, Maharashtra - 413113

**Principal**

Shriram Institute of Information Technology  
Paniv, Tal. Malshiras, Dist. Solapur

① B.Sc (ECS) - II - ~~Shiradgaon~~ 20/12/21

② B.Sc (ECS) - III - ~~Rith~~ Shiradgaon 20/12/21

① BCA - II - ~~Shiradgaon~~ 20/12/21

② BCA - III - ~~Shiradgaon~~ 20/12/21



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**Shriram Institute of Information Technology, Paniv.**

Tel. - Malshiras, Dist. - Solapur, [MH] - 413113

Date :- 20 December 2021

### Staff Notice


All the staff member of SIIT, here by inform that our B.Sc. (ECS) – II/ III, BCA – II/ III and M.Sc. - II year preliminary Examination December 2021 will be conducted on **23 December to 31 December 2021.**


All teachers should create their subject related question papers on Google Forms and upload them on Google Drive on or before 21 December 2021.

Examination time table is displayed on notice board and also will be sent on what's app group.

#### **Note:**

- 1) Question paper format is shared on what's app group and Google Drive.
- 2) Total number of questions 20.
- 3) Each paper should be of 40 marks.
- 4) Each question carry 2 marks.
- 5) All subject Question papers are set in following folder in Google Drive. Staff member only need to open his / her subject related question paper and type questions only.
- 6) Folder Name - Preliminary Exam - I, BCS-II/III and BCA- II/III December 2021
- 7) Exam Mail id - [siitpexam1@gmail.com](mailto:siitpexam1@gmail.com)
- 8) Password – Siit@12345

  
**Head of Exam Department**  
Shriram Institute of Information Technology, Paniv  
Tal. Malshiras, Dist. Solapur, Maharashtra - 413113

  
**Principal**  
Shriram Institute of Information Technology  
Paniv, Tal. Malshiras, Dist. Solapur



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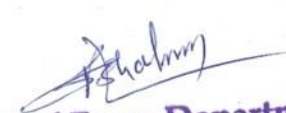


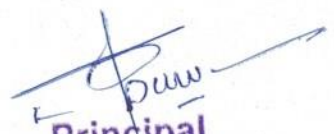
**Shriram Institute of Information Technology, Paniv.**

Tel. - Malshiras, Dist. - Solapur, [MH] - 413113

**Preliminary Exam – 23 December 2021**  
**B.Sc. (ECS) – II / III, Time Table**

Sr. No.	Day, Date	Time	Class	Subject
1.	Thursday, 23/12/2021	10:30 AM To 12:30 PM	B.Sc. (ECS) - II	Data Structure Using C++ - I
		10:30 AM To 1:30 PM	B.Sc. (ECS) - III	Data Communication & Networking
2.	Friday, 24/12/2021	10:30 AM To 12:30 PM	B.Sc. (ECS) - II	Data Structure Using C++ - II
		10:30 AM To 1:30 PM	B.Sc. (ECS) - III	Theory Of Computer Science
3.	Monday, 27/12/2021	10:30 AM To 12:30 PM	B.Sc. (ECS) - II	Software Engineering
		10:30 AM To 1:30 PM	B.Sc. (ECS) - III	Visual Programming
4.	Tuesday, 28/12/2021	10:30 AM To 12:30 PM	B.Sc. (ECS) - II	Software Testing
		10:30 AM To 1:30 PM	B.Sc. (ECS) - III	Advanced Java
5.	Wednesday, 29/12/2021	10:30 AM To 12:30 PM	B.Sc. (ECS) - II	Probability Theory - I
		10:30 AM To 1:30 PM	B.Sc. (ECS) - III	Advanced Python Programming
6.	Thursday, 30/12/2022	10:30 AM To 12:30 PM	B.Sc. (ECS) - II	Probability Theory - II
		10:30 AM To 1:30 PM	B.Sc. (ECS) - III	English
7.	Friday, 31/12/2022	10:30 AM To 12:30 PM	B.Sc. (ECS) - II	Introduction to Python Programming

  
**Head of Exam Department**  
Exam Section  
Shriram Institute of Information Technology, Paniv  
Tal. Malshiras, Dist. Solapur, Maharashtra - 413113

  
**Principal**  
Shriram Institute of Information Technology,  
Paniv, Tal. Malshiras, Dist. Solapur



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**Shriram Institute of Information Technology, Paniv.**

Tel. - Malshiras, Dist. - Solapur, [MH] - 413113

**Preliminary Exam – 23 December 2021**  
**B.C.A. – II / III Time Table**

Sr. No.	Day, Date	Time	Class	Subject
1.	Thursday, 23/12/2021	10:30 AM To 12:30 PM	B.C.A-II	OOP's With C++
		10:30 AM To 1:30 PM	B.C.A-III	Core Java
2.	Friday, 24/12/2021	10:30 AM To 12:30 PM	B.C.A-II	Data Structure Using - C
		10:30 AM To 1:30 PM	B.C.A-III	Visual Programming
3.	Monday, 27/12/2021	10:30 AM To 12:30 PM	B.C.A-II	Database Management System
		10:30 AM To 1:30 PM	B.C.A-III	Computer Graphics
4.	Tuesday, 28/12/2021	10:30 AM To 12:30 PM	B.C.A-II	Software Testing and Quality Assu.
		10:30 AM To 1:30 PM	B.C.A-III	Recent Trends in IT
5.	Wednesday, 29/12/2021	10:30 AM To 12:30 PM	B.C.A-II	Web Development using PHP
		10:30 AM To 1:30 PM	B.C.A-III	Linux and Shell programming
6.	Thursday, 30/12/2022	10:30 AM To 12:30 PM	B.C.A-II	Computer Network
		10:30 AM To 1:30 PM	B.C.A-III	English
7.	Friday, 31/12/2022	10:30 AM To 12:30 PM	B.C.A-II	Financial Accounting with Tally

  
**Head of Exam Department**  
Exam Section  
Shriram Institute of Information Technology, Paniv  
Tal, Malshiras, Dist. Solapur, Maharashtra - 413113

  
**Principal**  
Shriram Institute of Information Technology  
Paniv, Tal. Malshiras, Dist. Solapur

Shriram Shikshan Sanstha's  
Shriram Institute of Information Technology (S.I.I.T.), Paniv.  
Class - BCA - II  
Result  
Preliminary Exam -I, December -2021

Sr. No.	Roll No.	Name of the student	C++	DS	DBMS	ST	PHP	N/W	Tally	Total	OutOf	Per	Result
1	1	Bagal Ganesh Gorakh	38	40	38	38	34	36	30	254	280	90.71	Pass
2	2	Bhusare Akankasha Vinayak	30	20	40	38	16	34	34	212	280	75.71	Pass
3	3	Bhusare Vishal Sarjerao	26	20	36	40	18	36	34	210	280	75.00	Pass
4	4	Gorave Ashish Shahikant	26	40	40	38	34	38	32	248	280	88.57	Pass
5	5	Gore Shital Bhagvan	40	40	40	40	40	36	38	274	280	97.86	Pass
6	6	Jadhav Seema Shivaji	40	40	38	40	32	38	36	264	280	94.29	Pass
7	7	Kambale Karan Shantaram	22	40	38	38	36	36	34	244	280	87.14	Pass
8	8	Kawale Priyanka Dattatray	20	40	38	40	34	40	34	246	280	87.86	Pass
9	9	Kumbhar Pooja Santosh	36	40	38	40	36	38	22	250	280	89.29	Pass
10	10	Latkar Rajnandini Shashikant	24	38	38	38	36	34	26	234	280	83.57	Pass
11	11	lavate Patil Mahesh Chandrkant	26	14	36	40	32	34	34	216	280	77.14	Fail
12	12	Mile Vaibhav Bapurao	20	40	34	40	32	36	34	236	280	84.29	Pass
13	13	Naiknaware Karuna Nagnath	38	40	38	40	34	38	34	262	280	93.57	Pass
14	14	Pawar Shivani Janardhan	22	40	40	40	34	38	36	250	280	89.29	Pass
15	15	Sagar Prajakta Dattatray	38	40	38	40	28	32	30	246	280	87.86	Pass
16	16	Shinde Rupali Vasudev	36	26	36	40	38	34	32	242	280	86.43	Pass
17	17	Waghmode Sonali Dhanaji	18	34	25	18	40	26	32	193	280	68.93	Pass
18	18	Zende Nikita Balaso	30	40	26	40	23	36	36	231	280	82.50	Pass

Total Students	18	18	18	18	18	18	18	18
Absent Student	0	0	0	0	0	0	0	0
Present Student	18	18	18	18	18	18	18	18
Pass Student	18	17	18	18	18	18	18	18
Fail Students	0	1	0	0	0	0	0	0
Sub Percentage	100.00	94.44	100.00	100.00	100.00	100.00	100.00	100.00

Total Pass	17
Total Fail	1

Total Result	94.44
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**Principal**  
Shriram Institute of Information Technology  
Paniv, Tal. Malshiras, Dist. Solapur



Sr. No.	Subject	Subject Teacher	Result (%)
1	OOPS with C++-I	Prof. Malwadkar P.S.	100.00
2	Data structures using	Prof. Nanaware Y.K.	94.44
3	Database Management System	Prof. Nale V.D.	100.00
4	Software Testing	Prof. Malwadkar P.S.	100.00
5	Web Development using PHP	Prof. Waghmode S.D.	100.00
6	Computer Networks-I	Prof. Pise S.S.	100.00
7	Financial Accounting with Tally	Prof. Surwase G.M.	100.00

Student Name	Marks
1) Gore Shital Bhagvan	97.86
2) Jadhav Seema Shivaji	94.29
3) Naiknaware Karuna Nagnath	93.57



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Ta. – Malshiras, Dist. – Solapur, [MH] 413113

**Preliminary Examination - I**

**Class:- B.Sc.(ECS) – III, Sem. – V**

**Subject:- Theory of computer science**

**Date :-24/12/21**

**Marks: 40**



- Instructions:**
1. All questions are compulsory.
  2. Each question should only one correct option.
  3. Each question has 2 Marks.

**1. Choose correct alternatives:**

- 1) Non deterministic finite automata have \_\_\_\_ tuple.  
a) 4                      b) 5                      c) 6                      d) 7
- 2) An \_\_\_\_\_ is finite set of symbols.  
a) Language            b) string            c) alphabet            d) none of these
- 3) PDA is more powerful than  
a) Turing machine                      b) Finite automata  
c) Both (a) and (b)                      d) None of these
- 4) Moore Machine is an application of  
a) Finite automata without input  
b) Finite automata with output  
c) Non- Finite automata with output  
d) None of the mentioned
- 5) Number of states requires accepting string ends with 10.  
a) 2                      b) 3                      c) 1                      d) can't be represented.
- 6) Which of the following is true about Turing machine?  
a) It is automatic  
b) Left end, right end infinite  
c) Finite number of tape symbols was allowed  
d) All of these
- 7) The language accepted by finite automates are described or represented by  
Simple expression is called \_\_\_\_.  
a) Grammar            b) Regular Set            c) Language            d) Regular expression.



- 8) Proper suffixes of the string "pqr" are \_\_\_\_\_
- a) {p,q,r}                      b) { pq, qr, pr}
- c) {  $\epsilon$ , r qr }                      d) { r , qr , pqr }
- 9) The \_\_\_\_\_ is accepted unrestricted grammar.
- a) TM    b) PDA                      c) DFA                      d) None of these
- 10) If  $L(r) = \{ \epsilon, a, b, aa, bb, \dots \}$  then  $r =$  \_\_\_\_\_.
- a) (a+b)    b) (a+b)\*                      c) (a+b)+                      d) None of these
- 11) Type 2 grammar is also called as \_\_\_\_\_ grammar.
- a) Context free    b) Context sensitive    c) Recursive    d) Regular
- 12) Context free grammar has \_\_\_\_\_ tuples.
- a) 4                      b) 5                      c) 6                      d) 7
- 13) The Moore machine has final states.
- a) True                      b) False
- 14) \_\_\_\_\_ is collection of object without repetition.
- a) set                      b) alphabet                      c) relation                      d) string
- 15) Which of the following is an application of Finite Automaton?
- a) Compiler Design                      b) Grammar Parsers
- c) Text Search                      d) All of the mentioned
- 16) Which of the following sets are null sets?
- a) { }                      b)  $\emptyset$
- c) Both a and b                      d) none of these
- 17) Number of subsets of a set of orders 3 is \_\_\_\_.
- a) 2                      b) 4                      c) 6                      d) 8
- 18) Which of the following operation can be applied on regular expressions?
- a) Union    b) Concatenation    c) Closure    d) All of the above
- 19) A language is regular if and only if it is accepted by finite automata.
- a) Statement is true                      b) statement is false
- c) Statement is partially true                      d) none of the above.
- 20) In Mealy machine the output depends on-----
- a) Present state                      b) present state and current input symbol
- c) current input symbol                      d) transition



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Shriram Shikshan Santha's

## Shriram Institute of Information Technology, Paniv.

Ta. – Malshiras, Dist. – Solapur, [MH] 413113

### Unit Test - 2

Class:- BCA - II, Sem. – IV

Subject:- MySQL

Date :- / /20

Marks: 30

- Instructions:** 1. All questions are compulsory.  
2. Each question has 1 Mark.

#### 1. Choose correct alternatives:

(5)

- 1) The father of MySQL is \_\_\_\_\_.
  - a) Stephanie Wall
  - b) Bill Gates
  - c) Bill Joy
  - d) Michael Widenius
  
- 2) \_\_\_\_\_ of the following is not DDL command.
  - a) Create
  - b) Drop
  - c) Alter
  - d) Update
  
- 3) DDL stands for \_\_\_\_\_.
  - a) Data Definition Language
  - b) Data Declaration Language
  - c) Delta Definition Language
  - d) Delta Declaration Language
  
- 4) If we have not specified ASC or DESC after a SQL ORDER BY clause, the \_\_\_\_\_ is used by default.
  - a) DESC
  - b) ASC
  - c) There is no default value
  - d) None of above
  
- 5) \_\_\_\_\_ of the following is not a built in aggregate function in SQL?
  - a) avg
  - b) max
  - c) total
  - d) count

#### 2. Write a short note on.

(10)

- 1) Write a note on DDL.

2) History of MySQL.

3. Answer the following. (Solve any 3)

(15)

- 1) How to create user in MySQL?
- 2) What are the different data types of MySQL?
- 3) Explain order by and distinct clause in detail.
- 4) Explain different aggregate function in MySQL.



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**Academic Year 2021-22**

**Class –BCA-III**

**Subject-Advanced python**

### **Assignment-I**

- 1) What is GUI ? Explain advantages of GUI detail.
- 2) Explain Button and Entry widgets in detail with example.
- 3) Explain Frame control in detail.
- 4) Explain canvas in detail.
- 5) Explain radio button and text control in detail.

### **Assignment-II**

- 1) What is web framework?
- 2) Explain MVC in detail.
- 3) Explain Django history.
- 4) Explain advantages of django.
- 5) Explain Difference between app and project.
- 6) Explain URL Routing in django.



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**Academic Year 2021-22**

**Class – B.Sc(ECS)-II**

**Subject-Operating System**

### **Assignment-I**

- 1) What is operating system? Explain types of operating system.
- 2) Explain the functions of operating system
- 3) Explain the services of operating system
- 4) Explain the components of operating system.
- 5) What is system call ? Explain the types of system call.

### **Assignment-II**

- 1) What is process? Explain life cycle of process
- 2) Explain PCB in details.
- 3) Explain the context switching.
- 4) What is scheduling? Explain the types of scheduling.
- 5) Explain the scheduling algorithm with example.

### **Assignment-III**

- 1) What is deadlock? Explain the necessary conditions of deadlock.
- 2) Explain deadlock handling in detail.
- 3) Explain deadlock avoidance and prevention.
- 4) What is swapping? explain in detail.
- 5) Explain logical and physical addressing.