



Phone: College : 26340953, 26300251
Trust : 26390682, 26300707

JAYA COLLEGE OF ARTS & SCIENCE

(Affiliated to the University of Madras)

C.T.H.Road, Thiruninravur - 602 024.

YOUR SUCCESS IS OUR SERVICE

Prof. Dr. A. KANAGARAJ, M.A., M.Phil., Ph.D.,
Chairman

Er. K. NAVARAJ, M.Tech.,
Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 14.12.2023

CERTIFICATE

This is to certify that **Jaya College of Arts and Science** is implementing the Mechanism of internal examination related grievances is transparent time bound. The College deal with internal examination related grievances is transparent and efficient manner.

Evidence Attached

1. Sample Grievances Communication to University through Letters.
2. Sample Grievance Communication to University through Mail.




PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.



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Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

To

o/c

Date: 27.12.2022

The Controller of Examinations,
University of Madras,
Chepauk,
Chennai- 600 005.

Respected Sir,

Sub.: Correction of Name in the Mark sheet of M.Sc. Applied Microbiology (0125) course forwarding- Reg.

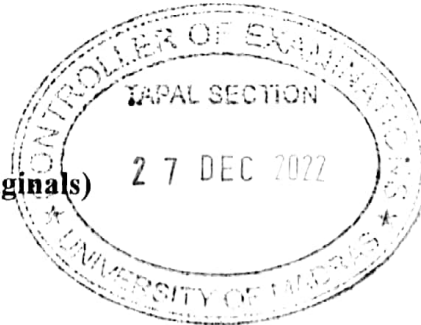
We write to inform you that, there is a correction in the following **M.Sc. Applied Microbiology (0125)** student mark sheet, request you to kindly correct the mark sheets and return it as early as possible. Please find enclosed attested original photo copy of the PG semester mark sheets for your ready reference.

S.No	Name of the Student	Register No.	College Code & Shift	Correction to be made in the mark sheet	DD Amount & Details
1.	BABY SHALINI V	612100527	0125 & I	Name Correction: BABY SHALINI B	Rs.1000/- Canara Bank, 342101/26.12.2022

Thanking you

Enclosed:

- Rs.1000/-Demand Draft
- 2 Nos. Sem Mark sheets (originals)
- 12th Mark sheet Xerox copy



Yours faithfully

P. Guhan
PRINCIPAL 27/12/22

PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.





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Er. K. NAVARAJ, M.Tech.,
Vice - Chairman

dc

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date : 17.12.2022

To

The Controller of Examinations,
University of Madras,
Chennai - 600 005.

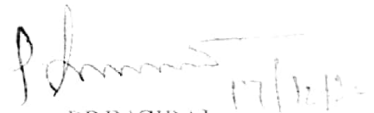
Respected Sir,

Sub: Speech & hearing disabled Student - request for additional time - proof enclosed: - Reg.

I write to state you that the Student **MANJUSHRI. E [112202008]** is a Bonafide student of our College studying I B.A English Literature from the academic year 2022 - 2023. A certificate of speech and hearing disability is being issued from the competent authority and the same is enclosed for you kind reference.

In this regard please grant her permission for an additional time (one hour) in writing his University Examinations from November 2022. All necessary documents are enclosed for your kind reference.

Thanking you,



PRINCIPAL
PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024

Encl:

1. Copy of Disability Certificate



Disability Certificate

State Resource Cum Training Centre for Differently Abled Persons

K.K.Nagar, Chennai - 78

(A unit of the Office of the Commissionerate for Differently Abled Persons)

Certificate No. TCR/HS/17644

CERTIFICATE FOR THE PERSON WITH DISABILITIES

This is to certify that Shri / Smt. E. MANJU SHRI of Shri. K. EZHILAN age 18 is a case of Physical disabled / visual disabled / speech & hearing disabled / mentally disabled and has 67% (Blindness) permanent Physical impairment / visual impairment / speech & hearing impairment / mental impairment in relation to his / her Hearing.

Note:

DUE TO THE ABOVE MENTIONED DISABILITY FOLLOWING CONCESSION MAY BE GIVEN

- 1. EXEMPTION FROM TAMIL / SECOND LANGUAGE
2. EXTRA ONE HOUR FOR WRITING THEORY EXAM
3. ALLOCATION OF A SCRIBE
4. OVER LOOKING SPELLING MISTAKES AND GRAMATIC ERRORS
5. USING CALCULATOR

- 1. This condition is progressive / Non-progressive / likely to improve / not likely to improve
2. Re-assessment is not recommended / is recommended after a period of 3 years Months / years

* Strike out which is not applicable.

Attested P. JAYARAJ PRINCIPAL JAYA COLLEGE OF ARTS & SCIENCE THIRUVIDYAR



Signature & Thumb Impression Of the Patient

Receiver Photo & Stamp fixed here



Signature and Seal of Dr. APUN CHANDRA PRABU, PROFESSOR, INSTITUTE OF OTOLARYNGOLOGY & ENT, CHENNAI - 600 003.

Dr. APUN CHANDRA PRABU, MS, ENT, 091182, PROFESSOR, OTOLARYNGOLOGY, GENERAL HOSPITAL, CHENNAI - 600 003.



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Er. K. NAVARAJ, M.Tech.,
Vice - Chairman

etc.

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 21.11.2022

To,

The Controller of Examinations,
University of Madras,
Chennai - 600 005.

Sir,

Sub: Request for a change in DOB - MCA Student:-Reg.

I write to inform you that JANANI R (812100106) is a student from the Department of Master of Computer Applications whose date of birth is printed wrongly in her hall ticket and it needs to be corrected, in this regard we are submitting the copy of Hall ticket for your kind reference and please do the needful, the details of the student are given below:

Centre Code & Name : 0125 & Jaya College of Arts and Science.
Degree & Branch : M.C.A & Computer Applications
Batch : 2021-2022

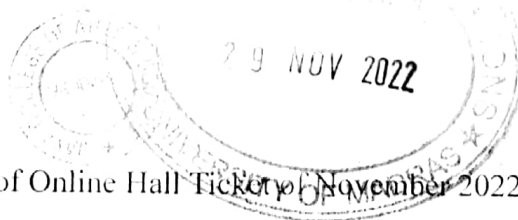
S. No.	Reg. No.	Name of the Student	Centre Code	DOB Printed wrongly in Hall Ticket	DOB Needs correction as
1	812100106	JANANI R	0125	20/02/2002	20/02/2001

Thanking you

Yours Faithfully

Encl.

1. Copy of Online Hall Ticket of November 2022.



[Handwritten signature]
21/11/2022



Phone: College : 26340953, 26300251
Trust : 26390682, 26300707

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Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

o/c

Date: 28.10.2022

To,

The Controller of Examinations,
University of Madras,
Chennai - 600 005.

Sir,

Sub: Submitting the issued Marksheet for a Gender Correction:-Reg.

I write to inform you that VANISRI S (812100097) had received her Marksheets of **November 2021** where the Gender was wrongly printed and it needs to be corrected, in this regard we are submitting the mark sheets for the correction needed, the details of the student is given below:

Centre Code & Name : 0125 & Jaya College of Arts and Science.
Degree & Branch : M.C.A & Computer Applications
Batch : 2021-2023

S. No.	Reg. No.	Name of the Student	Centre Code	Gender Printed wrongly in mark sheet	Gender Needs correction as
1	812100097	VANISRI S	0125	M	F

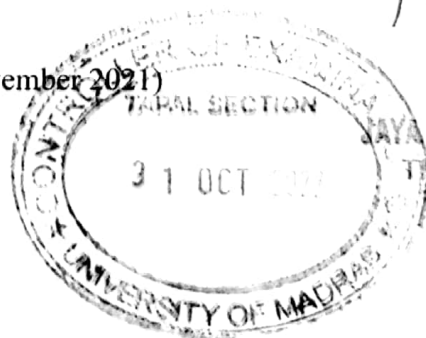
Thanking you

Yours Faithfully



Encl.

1. Original UNOM Marksheet (November 2021)



P. Guhan
28/10/22
PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.



Phone: College: 26340953, 26300251

Trust: 26390682, 26300707

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Er. K. NAVARAJ, M. Tech.,
Vice – Chairman

o/c

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 10.01.2023

To

The Controller of Examinations

University of Madras,
Chepauk,
Chennai- 600 005.

Respected Sir,

Sub.: Name Correction of Semester mark sheet of MBA course forwarding- Reg.

We write to inform you that, there is a correction in the following MBA student semester mark sheet, request you to kindly correct the mark sheet and return it as early as possible. Please find enclosed attested photo copy of the HSC, UG sem Mark sheet & corrected semester mark sheet for your ready reference.

S.No.	Name of the Student	Register No.	College Code & Shift	Correction to be made in the mark sheet	Demand Draft Details
1	THOGAIRASAN A	712100145	0125 & I	Name Correction: THOGAIARASAN A	Rs.1000/- KVB Bank, Nemilichery Branch, DD.No.876677/05.01.2023

Thanking you,



Enclosed:

- Demand Draft Rs.1000/-
- MBA (1st & 2nd Sem Marksheet Originals)
- Xerox copy of HSC& UG Sem mark sheet



Yours faithfully

[Signature] 10/1/23

PRINCIPAL

PRINCIPAL

JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.

KVR Karur Vysya Bank

दि करुर विसय बैंक लिमिटेड THE KARUR VYSYA BANK LIMITED Valid for three months from the date of issue DEMAND DRAFT
NEMILICHERRY NO 50/67 CTH ROAD BALAJI NAGAR, NEMILICHERRY.
THIRUNINDRAVUR, CHENNAI TAMIL NADU - 602024
IFSC Code : KVRL0001783

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ON DEMAND PAY

THE REGISTRAR UNIVERSITY OF MADRAS

OR ORDER / या उक्त आदेश पर

RUPEES

One Thousand Only

रुपये

अदा करें For Value Received

₹

*****1000.00

DD Sl. No

017833008331

CDEB

Purchaser Name: A THOGAIARASAN

M. Smdleya

प्रोधकृत हस्ताक्षरकर्ता
AUTHORISED SIGNATORY

1428

प्रोधकृत हस्ताक्षरकर्ता
AUTHORISED SIGNATORY

अदा कर्ता THE REGISTRAR UNIVERSITY OF MADRAS
CHENNAI C.E.O.

Please sign above

⑈ 876677 ⑈ 600053070⑈ 003631 ⑈ 16



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Vice – Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.A.
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.
Principal

Date : 13.02.2020

To

The Controller of Examinations
University of Madras,
Chepauk,
Chennai- 600 005.

Respected Sir,

Sub.: Correction of Name in the Provisional Certificate of B.Com. General (0126) forwarding- Reg.

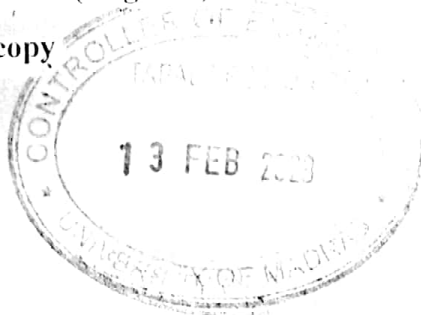
We write to inform you that, there is a correction in the following B.Com. General (0126) student Provisional Certificate and Degree certificate, request you to kindly correct the Provisional Certificate and return it as early as possible. Please find enclosed attested original photo and UG Provisional Certificate for your ready reference.

S.No	Name of the Student	Register No.	College Code & Shift	Correction to be made in the mark sheet	DD Amount & Details
1.	BOOPATHI M	311902705	0126 & II	Name Correction: BOOPATHI M	Rs.1000/- IOB Bank, Thiruninravur 213950/06.02.2020

Thanking you

Enclosed:

- Rs.1000/-Demand Draft
- 1 No. Provisional Certificate (originals)
- 12th Mark sheet Xerox copy



Yours faithfully

P. Guhan
PRINCIPAL
PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024



भारतीय अंतर्राष्ट्रीय बैंक
Indian Overseas Bank
THIRUNINRAVUR (1469)

DD No. **14 2 139502**

केवल तीन महीने के लिए वैध (VALID FOR THREE MONTHS ONLY)

0 6 0 2 2 0 2 13 Y Y

आवेदन पत्र
THE REGISTRAR UNIVERSITY OF MADRAS*****

एक हजार रुपये
One Thousand only

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Or Order
DB-Thiruninravur Branch-1469
 *****1,000.00
 प्राप्त मूल्य के बदले अदा
 for value received

एर दह एला दला
 OT OL TL

प्रेषणकर्ता
 Remitted by

BOOBATHI
 सेवा में **भारतीय अंतर्राष्ट्रीय बैंक**
 To **Indian Overseas Bank**



[Signature]

कोड नं. (0850)
 Code No.

ई.सी.टाइप
 E.C.Type

जाँच डिजिट
 Check Digit

प्राधिकृत हस्ताक्षरकर्ता AUTHORISED SIGNATORIES
 न.र.में S.S.No..... न.र.में S.S.No

॥ 2 13950 ॥ 0000 20000 ॥

16



2015/

0050076

சென்னைப் பல்கலைக்கழகம்
UNIVERSITY OF MADRAS

CENTRE CODE 0126	REG. NO. / ENRL. NO. 311902705	FOLIO NUMBER GEPA02000	DATED 14-10-2022
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PROVISIONAL CERTIFICATE-- B. COM

This is to certify that BOOOPATHI M
has qualified for the degree of BACHELOR OF COMMERCE
he/she having passed the above Degree Examination held
in APR. 2022 as follows :



FOUNDATION COURSES:

LANGUAGE TAMIL
ENGLISH
CORE MAIN COMMERCE
COURSE

SECOND CLASS
SECOND CLASS
FIRST CLASS

CHEPAUK, CHENNAI - 600 005.

ASSISTANT REGISTRAR

	<p style="text-align: center;">சென்னைப் பல்கலைக்கழகம் UNIVERSITY OF MADRAS (Established under the Act of Incorporation XXVII of 1857 - Madras University Act 1923) (State University) Centenary Building, Chepauk, Chennai - 600 005. Telex No. 41-6376-UNOM-IN, Telephone: 044-25399473, Fax No. 91-44-25399834</p>	 <p style="text-align: center;">சுதந்திரத்திற்கு நான் சென்ற பெருவழி</p>
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No.ERC/Condonation/UG/2022-2023/476

Dated:

From,
The REGISTRAR
University of Madras.

11 APR 2023

To
✓ **The Principal,**
Jaya College of Arts & Science,
C.T.H road, Thiruninravur -602 024.

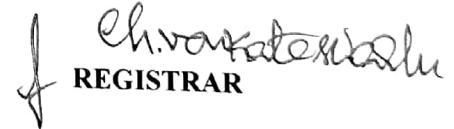
Sir/Madam,

Sub: Shortage of Attendance-Condoned-Approval- Intimation-Reg.

I am, to inform you that the following candidate, who has earned attendance of Category-C (between 50% to 65%) and not appeared for the V semester of Nov-2022 examinations, due to lack of attendance on medical reason is condoned and eligible to appear for the V semester examination subsequently in April-2023.

S.No	Name	Sem	Degree	% of attendance earned	Remarks
1.	Dhanush. R	V	B.Com	64	Rs.500/- paid

Yours faithfully,


REGISTRAR

	<p style="text-align: center;">சென்னைப் பல்கலைக்கழகம் UNIVERSITY OF MADRAS (Established under the Act of Incorporation XXVII of 1857 - Madras University Act 1923) (State University) Centenary Building, Chepauk, Chennai - 600 005. Telex No.41-6376-UNOM-IN, Telephone: 044-25399473, Fax No.91-44-25399834</p>	
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No.ERC/Condonation/UG/2022-2023/ 268

Dated:

6 MAR 2023

From,
The REGISTRAR
University of Madras.

To
The Principal,
Jaya College of Arts and Science,
Thiruninravur - 602 024.

Sir/Madam,

Sub: Shortage of Attendance-Approval-Condoned-Intimation-Reg.

I am, to inform you that the following candidate, who has earned attendance of Category-C (between 50% to 65%) and not appeared for the III semester of Nov-2022 examinations, due to lack of attendance, is condoned and eligible to appear for the III semester examination in April - 2023.

S.No	Name	Sem	Degree	% of attendance earned	Remarks
1.	Dravid M.R	III	B.A., (Tamil)	64	Rs.500/- Paid

Yours faithfully,


REGISTRAR



Phone: College : 26340953, 26300251
Trust : 26390682, 26300707

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Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

o/c

Date: 31.03.2023

To,

The Registrar,

University of Madras,

Chennai - 600 005.

Sir,

Sub: Applying Condonation - not registered due to illness - requesting for register and Issue of manual Application: - Reg.

I write to inform you that the student **Shankar N [212100721]** is admitted B.C.A during the academic Year 2021-2022 and he has not registered himself to University for writing his Examination for November 2022 due to his illness.

Now he is willing to complete his studies by applying online. In this regard please accept his condonation application for not registering the November 2022 examination. I also request you to issue him the manual application for registering to write the April 2023 Examinations.

The details of the students and the condonation fees details are given below:

Reg. No.	Name of the Student	DD. / Online Payment No., Date., Bank and Branch	Amount in Rs.
212100721	Shankar N	876837., 30.03.2023., Karur Vysya Bank., Nemilicherry	500/-

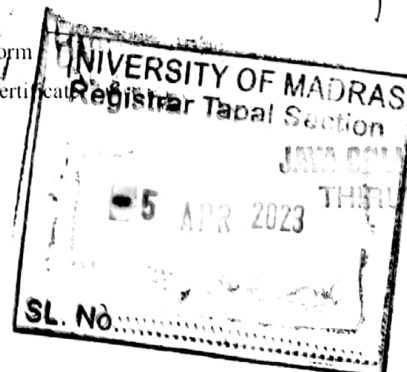
Thanking you

Yours Faithfully,

P. Guhan

Encl.

1. Demand Draft for Rs.500/-
2. Proforma - Condonation Application Form
3. Medical Certificate / Medical Fitness Certificate



31/3/23
PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.



PROFORMA

(Use separate format for Category A,B,C,D & E)

Format for furnishing details whose condonation of shortage of attendance has been granted for appearing for Theory / Practical Examination


S. No.	Name of the Candidate(s)	Name of the course and Branch / Semester	Total No. Of Working days hours for the year / semester	Minimum no. Of days required for attendance Certificate (75% for Arts, Science, 80% / 85% wherever prescribed for certain course)	No. of days attended by the candidate in percentage	Actual Shortage of days in percentage
1	SHANKAR N (212100721)	B.C.A III - SEMESTER	92 - Days 100%	74 - Days 80%	59 - Days 64%	15 - Days 16%

1. I have granted condonation of attendance in respect of the above candidate(s) as the shortage of attendance is within the condonation limit.
2. The Demand Draft for Rs.500/- being the fee for condonation of shortage of attendance, drawn in favour of the Registrar, University of Madras, Chennai - 5
3. Certified also that these candidates have earned required attendance for Theory / Practical examination (Strike whichever is not applicable)

Date: 31/03/2023

Place: THIRUVINRAVUR




Signature of the Principal / Head of the
University Department With
College / Department Sea

UNIVERSITY OF MADRAS
COLLEGE OF ARTS & SCIENCE
THIRUVINNAUR - 602 024

1

	<p>சென்னைப் பல்கலைக்கழகம் UNIVERSITY OF MADRAS (Established under the Act of Incorporation XXVII of 1857 - Madras University Act 1923) (State University) Centenary Building, Chepauk, Chennai - 600 005. Telex No.41-6376-UNOM-IN, Telephone: 044-25399473, Fax No.91-44-25399834</p>	
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No.ERC/Condonation/UG/2022-2023/ 398

Dated: 29 MAR 2023

From,
The REGISTRAR
University of Madras.

To
✓ **The Principal,**
Jaya College of Arts and Science,
Thiruninravur - 602 024.

Sir/Madam,

Sub: Shortage of Attendance-Approval-Condoned-Intimation-Reg.

I am to inform you that shortage of attendance to the following candidate, who has earned attendance of Category-C (between 50% to 65%) and not appeared for the V semester of Nov-2022 examinations, due to lack of attendance on medical reason, is condoned and eligible to appear for the V semester examination subsequently in April - 2023.

S.No	Name	Sem	Degree	% of attendance earned	Remarks
1.	Prasanth A	V	B.B.A.,	64	Rs.500/- Paid

Yours faithfully,

Ch. Venkateswari
REGISTRAR



Phone: College : 26340953, 26300251
Trust : 26390682, 26300707

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(Affiliated to the University of Madras)

C.T.H.Road, Thiruninravur - 602 024.

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Er. K. NAVARAJ, M.Tech.,
Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

o/c

Date: 11.07.2023

To,

The Registrar,
University of Madras,
Chennai - 600 005.

Sir,

Sub: Applying Condonation - not registered due to illness - requesting for register and Issue of manual Application: - Reg.

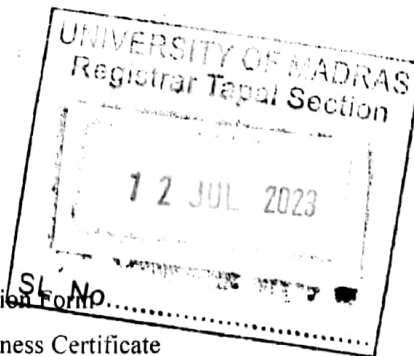
I write to inform you that the student **Vishal R[212200825]** is admitted B.C.A during the academic Year 2022-2023 and he has not registered himself to University for writing his Examination for April 2023 due to his illness.

Now he is willing to continue his studies by applying online. In this regard please accept his condonation application for not registering the April 2023 Examination. I also request you to issue him the manual application for register and write his November 2023 Examinations.

The details of the students and the condonation fees details are given below:

Reg. No.	Name of the Student	DD. / Online Payment No., Date., Bank and Branch	Amount in Rs.
212200825	VISHAL R	876931., 11.07.2023., Karur Vysys Bank	500/-

Thanking you



Yours Faithfully,

[Signature]
11/7/23

PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.

Encl.

1. Demand Draft for Rs.500/-
2. Proforma - Condonation Application Form
3. Medical Certificate & Medical Fitness Certificate

PROFORMA

(Use separate format for Category A,B,C,D & E)

Format for furnishing details whose condonation of shortage of attendance has been granted for appearing for Theory / Practical Examination

S. No.	Name of the Candidate(s)	Name of the course and Branch / Semester	Total No. Of Working days hours for the year / semester	Minimum no. Of days required for attendance Certificate (75% for Arts, Science, 80% / 85% wherever prescribed for certain course	No. of days attended by the candidate in percentage	Actual Shortage of attendance of days in percentage
1	VISHAL R (212200825)	B.C.A II – SEMESTER	92 – Days 100%	74 – Days 80%	59 – Days 64%	15 – Days 16%

1. I have granted condonation of attendance in respect of the above candidate(s) as the shortage of attendance is within the condonation limit.
2. The Demand Draft for Rs.500/- being the fee for condonation of shortage of attendance, drawn in favour of the Registrar, University of Madras, Chennai – 5
3. Certified also that these candidates have earned required attendance for Theory / Practical examination (Strike whichever is not applicable)

Date: 11/07/2023

Place: THIRUNINRAVUR.

Signature of the Principal / Head of the
University Department With
College / Department Sea
PRINCIPAL

JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.



DEMAND DRAFT
 Valid for three months from the date of issue

THE KARUR VYSYA BANK LIMITED
 NEMILICHERRY, NO. 50/67, 7TH ROAD, BALAJI NAGAR, NEMILICHERRY
 THIRUNINDRAVUR, CHENNAI, TAMIL NADU - 602024
 IFSC Code : KVB0001763



NC PAYEE

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1

ON DEMAND PAY THE REGISTRAR UNIVERSITY OF MADRAS
 मांगे जाने पर
RUPEES Five Hundred Only
 अथवा केवल
₹

*****500.005

DD Sr. No. 017833008590

CDEB

Purchaser Name: SURIYA P

M. Sridheya
 14288

अधिकृत हस्ताक्षरकर्ता
 AUTHORIZED SIGNATORY




Please sign above

अथवा केवल
CHENNAI CLEARING OFFICE

⑈ 8 7 6 9 3 ⑈ 6 0 0 0 5 3 0 7 0 ⑈ 0 0 3 6 3 ⑈ ⑈ ⑈

JCAS - 0125 - ERS - M.Sc Biochemistry - Changes Required

my_jcas@yahoo.c.../Sent

 **jaya kumari** <my_jcas@yahoo.com>
To: narayanan <arunai.narayanan@gmail.com>

26 Oct 2022 at 11:02 am

Sir,

I write to state that for M. Sc Biochemistry in ERS November 2022 web portal, the subject code was appended whose examination will be held only in the Even Semester. In this regard please do the needful to remove those codes for the below-given students. The details of the Students are:

Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : M. Sc
Branch : Biochemistry
Batch : 2021 - 2022
Reg. No. : 612100548
Name : Jeevanandaham K
Need : Subject Code to be removed - MEN21, MEN22
Reasons : Practical Examination will be held only in the Even Semester [June - November]


Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : M. Sc
Branch : Biochemistry
Batch : 2021 - 2022
Reg. No. : 612100558
Name : Loganayagi A
Need : Subject Code to be removed - MEN21, MEN22
Reasons : Practical Examination will be held only in the Even Semester [June - November]

Thanks and Regards

Yours Faithfully
Dr. P. Guhan
Principal




PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024

 **jaya kumari** <my_jcas@yahoo.com>
To: narayanan <arunai.narayanan@gmail.com>

24 Dec 2022 at 12:35 pm

Sir,

I write to state you that the Mark Entered for the subject code PZ1SA [External] is wrongly entered please do the needful to remove it for re-entry for all the students. The Details are given below:

Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : B.C.A
Branch : Computer Applications
Batch : 2022 - 2023
Subject Code : PZ1SA [External]
Need : Need to remove all the wrongly entered marks for re-entry.
Reasons : Wrong Marks entered.

Thanking you,


Yours Faithfully,
Dr. P. Guhan
Principal.




PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024

JCAS - 0125 - B. Sc (Chemistry) - Changes required

my_jcas@yahoo.c.../Sent

 **jaya kumari** <my_jcas@yahoo.com>
To: narayanan <arunai.narayanan@gmail.com>

6 Dec 2022 at 1:01 pm

Sir,

I write to state you that the Mark Entered for a student given below is wrongly marked as absent and I request you to remove for a re-entry. The Details are given below:
Please do the needful.


Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : B. Sc
Branch : Chemistry
Batch : 2021 - 2022
Register No : 222102051
Name : Pooja M R
Subject Code : LZ13B
Need : Need to remove the wrongly entered data for re-entry.
Reasons : Wrongly Marked as Absent.

Thanking you,

Yours Faithfully,
Dr. P. Guhan
Principal.




PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024

 jaya kumari <my_jcas@yahoo.com>
To: narayanan <arunai.narayanan@gmail.com>

17 Oct 2023 at 12:11 pm

Sir,

I write to state that for B.A [Business Economics] in ERS November 2023 web portal, in permanent registration the students given below was included wrongly. In this regard please do the needful to delete the students from permanent Registration of November 2023. The details of the Students are:

Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : B.A
Branch : Business Economics
Batch : 2022 - 2023
Reg. No. : 112201970
Name : Kamaleeswaran S [25.01.2001]
Need : Delete the student from Permanent Registration
Reasons : Wrongly included in Permanent Registration

Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : B.A
Branch : Business Economics
Batch : 2022 - 2023
Reg. No. : 112201982
Name : Yuvaraj K [20.07.2002]
Need : Delete the student from Permanent Registration
Reasons : Wrongly included in Permanent Registration

Thanks and Regards


Yours Faithfully
Dr. P. Guhan
Principal




PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024

JCAS - 0125 - M.Sc Physics - Changes Required

my_jcas@yahoo.c.../Sent

 **jaya kumari** <my_jcas@yahoo.com>
To: narayanan <arunai.narayanan@gmail.com>

5 Apr 2023 at 2:41 pm

Sir,

I write to state that for M. Sc Physics in ERS April 2023 web portal, the subject code was not included for the students whose practical examination will be held only in the Even Semester. In this regard please do the needful to append the subject codes as given below. The details of the Students are:

Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : M. Sc
Branch : Physics
Batch : 2021 - 2022
Reg. No. : 612100480
Name : Sakthivel A [05.07.1999]
Need : Subject Code to be appended - MCG12, MCG22
Reasons : Practical Examination will be held only in the Even Semester [April]

Centre Code : 0125
Centre Name : Jaya College of Arts and Science.
Degree : M. Sc
Branch : Physics
Batch : 2021 - 2022
Reg. No. : 612100483
Name : Anitha. S [01.01.1997]
Need : Subject Code to be appended - MCG12, MCG22
Reasons : Practical Examination will be held only in the Even Semester [April]

Thanks and Regards

Yours Faithfully
Dr. P. Guhan
Principal



CS Scanned with CamScanner


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Phone: College : 26340953, 26300251
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JAYA COLLEGE OF ARTS & SCIENCE

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C.T.H.Road, Thiruninravur - 602 024.

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Chairman

Er. K. NAVARAJ, M.Tech.,
Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 10.04.2023

To

Dr. N. Venkataramanan, M.E(CS), M.Sc., M.Phil., Ph.D.
Assist. Prof. & Head,
Department of Computer Applications,
D.R.B.C.C.C Hindu College,
Chennai – 600 072.

Through,

The Principal,
D.R.B.C.C.C. Hindu College,
Chennai – 600 072.

Respected Sir / Madam,

Sub: Conduct of UG Practical Examination – Apr' 2023 – Appointment of External Examiner: - Reg.

I wish to inform you that **Dr. N. Venkataramanan., M.E(C.S.), M.Sc., M.Phil., Ph.D., Asst. Prof. & Head, Department of Computer Applications** have been appointed as an External Examiner for conducting University Practical Examinations April 2023 to be conducted by the Department of Computer Applications of our College on the dates given below. I request you to kindly depute him as an Examiner for the same.

Exam Dates: 15th, 17th – 19th, 24th and 25th April 2023 [6 Days]

Thanking you,




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Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

To

Date : 10.04.2023

The Principal,
Sindhi College of Arts and Science,
Chennai – 600 077.

Respected Sir / Madam,

I wish to inform you that **Dr. G. Sundar., M.C.A., M.Phil., Asst. Prof. & Head, Department of Computer Applications., Sindhi College of Arts and Science** have been appointed as an External Examiner for conducting University Practical Examinations April 2023 to be conducted by the Department of Computer Applications of our College from **10.04.2023 and 15.04.2023**. I request you to kindly depute him as an Examiner for the same.

Thanking you,




PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024

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Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date : 13.04.2023

To

Dr. S. Balaji., M.C.A., M.Phil., Ph.D.,
Head and Assistant Professor,
Mohammed Sathak College of Arts and Science,
Sholinganallur, Chennai – 600 119.

Though,


The Principal,
Mohammed Sathak College of Arts and Science,
Sholinganallur, Chennai – 600 119.

Respected Sir / Madam,

I wish to inform you that **Dr. S. Balaji., M.C.A., M. Phil., Ph. D., Head & Asst. Prof.,** Department of Computer Applications, Mohammed Sathak College of Arts and Science, Sholinganallur, Chennai – 600 119 have been appointed as an External Examiner for the conduct of University Practical Examinations April 2023 to be conducted by the Department of Computer Applications of our College on **15.04.2023** and **17.04.2023**. I request you to kindly depute him as an Examiner for the same.

Thanking you,




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THIRUNINRAVUR-602 024.
PRINCIPAL



Enclosure – I

JAYA COLLEGE OF ARTS AND SCIENCE
THIRUNINRAVUR – 602 024
DEPARTMENT OF COMPUTER APPLICATIONS
PRACTICAL SCHEDULE FOR APRIL 2023

GROUP / DATES	UG (Group: 1) External	Internal	UG (Group: 2) External	Internal	UG (Group: 3) External	Internal	PG (Group: 3) External	Internal		
12.04.2023	S. Balaji Moheemmed Sathak College	S. Cynthia Juliet	N. Venkataramanan D.R.B.C.C.C. Hindu College	D. Ravandoss	G. Sundar Sindihi College	C. Ranjani				
13.04.2023										
15.04.2023										
17.04.2023										
18.04.2023										
19.04.2023										
21.04.2023										
24.04.2023							G. Sundar Sindihi College	C. Ranjani	To be appointed by the University of Madras	S. Cynthia Juliet
25.04.2023										

Practical Papers:

I Year B.C.A – Programming in 'C++'

II Year B.C.A – Open Source Technology

III Year B.C.A – Mobile Technology & Mini Project

B. Com (Day) & B. Com (Eve) – Visual Basics

I Year M.C.A – OOAD & WEB

II Year M.C.A – Project Viva-Voice




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THIRUNINRAVUR-602 024



JAYA COLLEGE OF ARTS AND SCIENCE
THIRUNINRAVUR – 602 024
DEPARTMENT OF COMPUTER APPLICATIONS
PRACTICAL EXPENDITURE LIST FOR APRIL 2023

External Group Wise Practical Remuneration (UG & PG)

S. No	External for Practical Group	No. of Days	UG Practical Rs.15/- per Student		UG Project Rs.32/- per Student		PG Practical Rs.30/- per Student		PG Project Rs.55/- per Student		UG / PG Soft Skill Rs.6/- per Student		UG Non-Major Rs.4.5/- per Student		Batch Amount Rs.50/- per Batch		DA Rs.300 / Rs.200 per Day	TA Rs.540 / Nil per Sem.	Total Amount	Amount Required Dated
			Strength	Amount	Strength	Amount	Strength	Amount	Strength	Amount	Strength	Amount	Count	Amount	Count	Amount				
1	Group – I 13.04.2023 AND 14.04.2023	2			65	2080							140	630	5	250	600	540	4100	14.04.2023
2	Group – II 15.04.2023 TO 25.04.2023	6	345	5175							57	342	1	4.5	18	900	1200		7617	25.04.2023
3	Group – III 12.04.2023 TO 25.04.2023	5	266	3990							83	498			15	750	1500	540	7278	25.04.2023
4	Group – IV 21.04.2023 TO 25.04.2023	3					123	3690	58	3190							900	*1080	8860	25.04.2023

Note: *Practical and Main Project will be conducted by TWO External Examiner Separately on various day

Total Amount for Externals Appx.	:	27,855
Total Amount for Externals Hospitality (Lunch) Appx.	:	4,300
Total Amount External (PG) Travelling Allowance [1500 X 2]	:	3,000
Total Amount	:	35,155

HOSPITALITY SPLIT UP – UG

UG: 3 Group X 13 Days
Rs.250 X 13 = 3250

UG: 1 Group X 3 Days
Rs.350 X 3 = 1050




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THIRUNINRAVUR-602 024

JAYA COLLEGE OF ARTS AND SCIENCE
THIRUNINRAVUR – 602 024
DEPARTMENT OF COMPUTER APPLICATIONS

LIST OF EXTERNALS FROM OUR COLLEGE TO OTHER COLLEGES

S. No	External Name	College Name	Dates (April 2023)
1	S. Cynthia Juliet	Sindhi College of Arts and Science	17,18,19,20,21,24
2	D. Ravandoss	Mohammed Sathak College	20,21
3	C. Ranjani	D.R.B.C.C.C. Hindu College	17,18,19,20,21




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Chairman

Er. K. NAVARAJ, M.Tech.,
Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 20.04.2023

ATTENDANCE CERTIFICATE

This is to certify that **S. Balaji., Head & Asst. Prof.,** Department of Computer Applications, Mohammed Sathak College of Arts and Science, Sholinganallur, Chennai – 600 119, has served as an External Examiner in the Department of Computer Applications for the Conduct of University Practical Viva-Voce Examinations., April 2023 on **20.04.2023.**


PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.

Principal /
Chief Superintendent,
University Examinations,
April 2023.





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Vice - Chairman

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Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 20.04.2023

ATTENDANCE CERTIFICATE

This is to certify that **S. Balaji., Head & Asst. Prof.**, Department of Computer Applications, Mohammed Sathak College of Arts and Science, Sholinganallur, Chennai – 600 119, has served as an External Examiner in the Department of Computer Applications for the Conduct of University Practical Viva-Voce Examinations., April 2023 on **20.04.2023**.


PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.

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Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 25.04.2023

ATTENDANCE CERTIFICATE

This is to certify that **Dr. S. Jawahar.**, Associate Professor and Head, Department of MCA, Asan Memorial College, Chennai – 600 100 served as an External Examiner in the Department of Master of Computer Applications for the Conduct of University Practical Examinations April 2023 on **24.04.2023** and **25.04.2023**.

PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024

Principal /
Chief Superintendent,
University Examinations,
April 2023.





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Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 25.04.2023

ATTENDANCE CERTIFICATE

This is to certify that **Dr. N. Venkataramanan., M.E(C.S.), M.Sc., M.Phil., Ph.D., Asst. Prof. & Head, Department of Computer Applications** served as an External Examiner in the Department of Computer Applications for the Conduct of University Practical Examinations April 2023 on the dated given below:

Dates: **15th, 17th – 19th, 24th and 25th April 2023** [6 Days]


PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.

Principal /
Chief Superintendent,
University Examinations,
April 2023.





Phone: College : 26340953, 26300251
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Er. K. NAVARAJ, M.Tech.,
Vice - Chairman

Mrs. K. VIJAYAKUMARI, M.A., B.Ed.,
Secretary

Dr. P. GUHAN, M.C.A., M.Phil., Ph.D.,
Principal

Date: 28.04.2023

ATTENDANCE CERTIFICATE

This is to certify that **Dr. G. Sundar.**, M.C.A., M.Phil., Ph.D., **Asst. Prof. & Head,**
Department of Computer Applications., Sindhi College of Arts and Science served
as an External Examiner in the Department of Computer Applications for the Conduct
of University Practical Examinations April 2023 on the dated given below:

Dates: **10th – 13th and 15th April 2023** [5 Days]


PRINCIPAL
JAYA COLLEGE OF ARTS & SCIENCE
THIRUNINRAVUR-602 024.

Principal /
Chief Superintendent,
University Examinations,
April 2023



(For Candidates admitted from 2020-2021)

Question Bank- Practical Examinations

B.Sc./B.C.A. DEGREE COURSE

Choice Based Credit System

Core Practical I – First Semester

PRACTICAL – PROBLEM SOLVING USING PYTHON LAB

Time : Three hours

Maximum : 60 marks

Question Bank is provided by the University for the candidates admitted from the academic year 2020-2021 for B.Sc./B.C.A. Degree Practical Examinations. The Principal/Chief Superintendent/Examiners are requested to read the given instruction carefully and strictly adhere to the same at the time of conducting the practical examinations.

**INSTRUCTIONS TO THE PRINCIPAL/CHIEF SUPERINTENDENT/
EXAMINERS**

1. Select the questions from the Question Bank provided by the University on the basis of students strength.
 2. Not more than three candidates should get the same question in a batch.
 3. Each question must be separated from the selected questions from the Question Bank and should be pasted on the answer paper in such a way that each answer paper is pasted with only one question
 4. The answer paper pasted with question must be displayed, without showing the questions to the students. The Students should only one answer paper pasted with question and do the practical.
 5. Selected questions from the Question Bank should be used in each batch consisting of maximum 30 students. Arrangements may kindly be made to take required number of copies of the questions at the college.
 6. No question must be prescribed by the examiner other than the selected questions from the question bank provided by the University for the B.Sc./B.C.A. practical examinations.
 7. After selecting the questions, the Question Bank should be handed over to the Principal at once. The Principal are asked to keep the Question Bank, which is a permanent record, under safe custody and to utilize when conducting the practical examinations of the subject concerned.
-

1. (a) Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
(b) Write a program to find sum of all items in a dictionary.
2. (a) Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
(b) Write a Python program to construct the following pattern, using a nested loop
1
22
333
4444
55555
666666
7777777
88888888
999999999
3. (a) Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
(b) Read a file content and copy only the contents at odd lines into a new file.
4. (a) Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
(b) Create a Turtle graphics window with specific size.
5. (a) Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
(b) Write a Python program for Towers of Hanoi using recursion.
6. (a) Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
(b) Create menu driven Python program with a dictionary for words and their meanings.
7. (a) Program to convert the given temperature from Fahrenheit to Celsius and vice versa depending upon user's choice.
(b) Write a Python program to implement the Hangman Game.

8. (a) Program to calculate total marks, percentage and grade of a student. Marks obtained in each of the five subjects are to be input by user. Assign grades according to the following criteria:

Grade A: Percentage ≥ 80

Grade B: Percentage ≥ 70 and < 80

Grade C: Percentage ≥ 60 and < 70

Grade D: Percentage ≥ 40 and < 60

Grade E: Percentage < 40

- (b) Write a Python program to construct the following pattern, using a nested loop.

1

22

333

4444

55555

666666

7777777

88888888

999999999

9. (a) Program to calculate total marks, percentage and grade of a student. Marks obtained in each of the five.

Subjects are to be input by user. Assign grades according to the following criteria :

Grade A : Percentage ≥ 80

Grade B : Percentage ≥ 70 and < 80

Grade C : Percentage ≥ 60 and < 70

Grade D: Percentage ≥ 40 and < 60

Grade E: Percentage < 40

- (b) Read a file content and copy only the contents at odd lines to the a new file.

10. (a) Program to calculate total marks, percentage and grade of a student. Mark obtained in each of the five.

Subjects are to be input by user. Assign grades according to the following criteria.

Grade A: percentage ≥ 80

Grade B: Percentage ≥ 70 and < 80

Grade C: percentage ≥ 60 and < 70

Grade D: Percentage ≥ 40 and < 60

Grade E: percentage < 40

- (b) Create a Turtle graphics window with specific size.

11. (a) Program to calculate total marks, percentage and grade of a student. Marks obtained in each of the five

Subjects are to be input by user. Assign grades according to the following criteria:

Grade A : percentage ≥ 80

Grade B: percentage ≥ 70 and < 80

Grade C : Percentage ≥ 60 and < 70

Grade D: percentage ≥ 40 and < 60

Grade E : Percentage < 40

- (b) Write a Python program for Towers of Hanoi using recursion.

12. (a) Program to calculate total marks, percentage and grade of a student. Marks obtained in each of the five.

Subjects are to be input by user. Assign grades according to the following criteria :

Grade A: Percentage ≥ 80

Grade B: Percentage ≥ 70 and < 80

Grade C: Percentage ≥ 60 and < 70

Grade D: Percentage ≥ 40 and < 60

Grade E: Percentage < 40

- (b) Create a menu driven Python program with a dictionary for words and their meanings.

13. (a) Program to calculate total marks, percentage and grade of a student. Marks obtained in each of the five subjects are to be input by user. Assign grades according to the following criteria.
- Grade A: Percentage ≥ 80
- Grade B: Percentage ≥ 70 and < 80
- Grade C: Percentage ≥ 60 and < 70
- Grade D : Percentage ≥ 40 and < 60
- Grade E: Percentage < 40
- (b) Write a Python program to implement the Hangman game.
14. (a) Program to find the area of rectangle, square, circle and triangle by accepting suitable input parameters from user.
- (b) Read a file content and copy only the contents at odd lines into a new file.
15. (a) Program, to find the area of rectangle, square, circle and triangle by accepting suitable input parameters from user.
- (b) Create a Turtle graphics window with specific size.
16. (a) Program, to find the area of rectangle, square, circle and triangle by accepting suitable input parameters from user.
- (b) Write a Python program for Towers of Hanoi using recursion.
17. (a) Program, to find the area of rectangle, square, circle and triangle by accepting suitable input parameters from user.
- (b) Create a menu driven Python program with a dictionary for words and their meanings.
18. (a) Program, to find the area of rectangle, square, circle and triangle by accepting suitable input parameters from user.
- (b) Write a Python program to implement the Hangman Game.
19. (a) Program to display the first n terms of Fibonacci series.
- (b) Create a Turtle graphics window with specific size.
20. (a) Program to display the first n terms of Fibonacci series.
- (b) Write a Python program for Towers of Hanoi using recursion.

21. (a) Program to display the first n terms of Fibonacci series.
(b) Create a menu driven Python program with a dictionary for words and their meanings.
22. (a) Program to display the first n terms of Fibonacci series.
(b) Write a Python program to implement the Hangman Game.
23. (a) program to find factorial of the given number using recursive function.
(b) Write a Python program for Towers of Hanoi using recursion.
24. (a) Program to find factorial of the given number using recursive function.
(b) Create a menu drive Python program with a dictionary for words and their meanings.
25. (a) Program to find factorial of the given number using recursive function.
(b) Write a Python program to implement the Hangman Game.
26. (a) Write a python program to count the number of even and odd numbers from array of N numbers.
(b) Write a python program for Towers of Hanoi using recursion.
27. (a) Write a python program to count the number of even and odd numbers from array of N numbers.
(b) Create a menu driven python program with a dictionary for words and their meanings.
28. (a) Write a python program to count the number of even and odd numbers from array of N numbers.
(b) Write a Python program to implement the Hangman Game.
29. (a) Python functions that accepts a string and calculate the number of upper case letters and lower case letters.
(b) Create a Turtle graphics window with specific size.

30. (a) Python function that accepts a string and calculate the number of upper case letters and lower case letters.
(b) Write a Python program for Towers of Hanoi using recursion.
31. (a) Python function that accepts a string and calculate the number of upper case letters and lower case letters.
(b) Create a menu driven python program with a dictionary for words and their meanings.
32. (a) Python function that accepts a string and calculate the number of upper case letters and lower case letters.
(b) Write a Python program to implement the Hangman Game.
33. (a) Python program to reverse a given string and check whether the give string is palindrome or not.
(b) Write a python program for Towers of Hanoi using recursion.
34. (a) Python program to reverse a given string and check whether the give string is palindrome or not.
(b) Create a menu driven python program with a dictionary for words and their meanings.
35. (a) Python program to reverse a given string and check whether the give string is palindrome or not.
(b) Write a Python program to implement the Hangman Game.
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(For candidates admitted from 2020–2021)

Question Bank — Practical Examination

B.Sc. (COMPUTER SCIENCE) DEGREE COURSE

Choice Based Credit System

Core Practical II – Second Semester

Practical II — COMPUTER ORGANIZATION LAB

Time : Three hours

Maximum : 60 marks

Question Bank is provided by the University for the candidates admitted from the academic year 2020-2021 for B.Sc./B.C.A. Degree Practical Examinations. The Principal/Chief Superintendent/ Examiners are requested to read the given instruction carefully and strictly adhere to the same at the time of conducting the practical examinations.

INSTRUCTIONS TO THE PRINCIPALS/ CHIEF
SUPERINTENDENTS/ EXAMINERS

1. Select the questions from the Question Bank provided by the University on the basis of students strength.
2. Not more than three candidates should get the same question in a batch.
3. Each question must be separated from the selected questions from the Question Bank and should be pasted on the answer paper in such a way that each answer paper is pasted with only one question.
4. The answer paper pasted with question must be displayed, without showing the questions to the students. The students should select only one answer paper pasted with question and do the practical.

5. Selected questions from the Question Bank should be used in each batch that consists of maximum 30 students. Arrangements may kindly be made to take required number of copies of the questions at the college.
 6. No question must be prescribed by the examiner other than the selected questions from the question bank provided by the University for the B.Sc. practical examinations.
 7. After selecting the questions, the Question Bank should be handed over to the principal at once. The Principals are asked to keep the Question Bank, which is a permanent record, under safe custody and to utilise when conducting the practical examinations of the subject concerned.
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1. Write an Assembly Language Program in 8085 to perform
(a) 8 bit addition (b) Square of a single byte Hex Number
2. Write an Assembly Language Program in 8085 to perform
(a) 8 bit addition (b) Square of a two digit BCD number
3. Write an Assembly Language Program in 8085 to perform
(a) 8 bit addition (b) Square root of a single byte Hex number
4. Write an Assembly Language Program in 8085 to perform
(a) 8 bit addition (b) Square root of a two digit BCD number
5. Write an Assembly Language Program in 8085 to perform
(a) 16 bit addition (b) to convert : BCD to HEX and HEX to BCD
6. Write an Assembly Language Program in 8085 to perform
(a) 16 bit addition (b) to convert : BINARY to ASCII and ASCII to BINARY
7. Write an Assembly Language Program in 8085 to perform
(a) 16 bit addition (b) to convert : ASCII to BCD and BCD to ASCII
8. Write an Assembly Language Program in 8085 to perform
(a) 8 bit Subtraction (b) Searching for an element in an array

9. Write an Assembly Language Program in 8085 to perform
(a) 8 bit Subtraction (b) Sorting in ascending order
10. Write an Assembly Language Program in 8085 to perform
(a) 8 bit Subtraction (b) Finding largest and smallest elements from an array
11. Write an Assembly Language Program in 8085 to perform
(a) 8 bit Subtraction (b) Reversing array elements
12. Write an Assembly Language Program in 8085 to perform
(a) 8 bit Subtraction (b) Block Move
13. Write an Assembly Language Program in 8085 to perform
(a) 8 bit Subtraction (b) Sorting in descending order
14. Write an Assembly Language Program in 8085 to perform
(a) BCD Subtraction (b) 8 bit multiplication
15. Write an Assembly Language Program in 8085 to perform
(a) BCD Subtraction (b) BCD Multiplication
16. Write an Assembly Language Program in 8085 to perform
(a) BCD Subtraction (b) 8 bit division
17. Write an Assembly Language Program in 8085 to perform
(a) 8 bit multiplication (b) Square of a single byte Hex Number
18. Write an Assembly Language Program in 8085 to perform
(a) 8 bit multiplication (b) Square of a two digit BCD number
19. Write an Assembly Language Program in 8085 to perform
(a) 8 bit multiplication (b) Square root of a single byte Hex number
20. Write an Assembly Language Program in 8085 to perform
(a) 8 bit multiplication (b) Square root of a two digit BCD number
21. Write an Assembly Language Program in 8085 to perform
(a) BCD multiplication (b) to convert BCD to HEX and HEX to BCD

22. Write an Assembly Language Program in 8085 to perform
 - (a) BCD multiplication (b) to convert : BINARY to ASCII and ASCII to BINARY
 23. Write an Assembly Language Program in 8085 to perform
 - (a) BCD multiplication (b) to convert : ASCII to BCD and BCD to ASCII
 24. Write an Assembly Language Program in 8085 to perform
 - (a) Searching for an element in an array (b) Verify : Square of a single byte Hex Number
 25. Write an Assembly Language Program in 8085 to perform
 - (a) Sorting in ascending order (b) Square of a two digit BCD number
 26. Write an Assembly Language Program in 8085 to perform
 - (a) Finding Largest and Smallest elements from an array
 - (b) Square root of a single byte Hex number
 27. Write an Assembly Language Program in 8085 to perform
 - (a) Reversing array elements (b) Square root of a two digit BCD number
 28. Write an Assembly Language Program in 8085 to perform
 - (a) Block Move (b) to convert : BCD to HEX and HEX to BCD
 29. Write an Assembly Language Program in 8085 to perform
 - (a) Sorting in descending order (b) to convert : BINARY to ASCII and ASCII to BINARY
 30. Write an Assembly Language Program in 8085 to perform
 - (a) BCD subtraction (b) 8 bit division
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(For Candidates admitted from 2020-2021)
Question Bank — Practical Examinations
B.Sc., (Computer Science) DEGREE COURSE
Choice Based Credit System
Core Practical III — Third Semester
PRACTICAL III — DATA STRUCTURES USING JAVA LAB

Time : Three hours

Maximum : 60 marks

Question Bank is provided by the University for the candidates admitted from the academic year 2020-2021 for B.Sc. (Computer Science) Degree Practical Examinations. The Principal/Chief Superintendent / Examiners are requested to read the given instruction carefully and strictly adhere to the same at the time of conducting the practical examinations.

INSTRUCTIONS TO THE PRINCIPAL/CHIEF
SUPERINTENDENT/EXAMINERS

1. Select the questions from the Question Bank provided by the University on the basis of students strength.
2. Not more than three candidates should get the same question in a batch
3. Each question must be separated from the selected questions from the Question Bank and should be pasted on the answer paper in such a way that each answer paper is pasted with only one question.
4. The answer paper pasted with question must be displayed, without showing the questions to the students. The Students should only one answer paper pasted with question and do the practical.
5. Selected questions from the Question Bank should be used in each batch consisting of maximum 30 students. Arrangements may kindly be made to take required number of copies of the questions at the college.
6. No question must be prescribed by the examiner other than the selected questions from the question bank provided by the University for the B.Sc.,(Computer Science) practical examinations.
7. After selecting the questions, the Question Bank should be handed over to the Principal at once. The Principal are asked to keep the Question Bank, which is a permanent record, under safe custody and to utilize when conducting the practical examinations of the subject concerned.

1. Write a Java program to implement the Stack ADT using a singly linked list.
2. Write a Java program to implement the Queue ADT using a singly linked list.
3. Write a Java program for the implementation of circular Queue.
4. Write a Java program that reads an infix expression, converts into postfix form
5. Write a Java program to evaluate the postfix expression (use stack ADT).
6. Write a Java program to an Insert an element into a binary search tree.
7. Write a Java program to delete an element from a binary search tree.
8. Write a Java program to search for a key element in a binary search tree.
9. Write a Java program for the implementation of BFS for a given graph.
10. Write a Java program for the implementation of DFS for a given graph.
11. Write a Java program to implement the Queue ADT using a singly linked list.
12. Write a Java program that reads an infix expression, converts into postfix form
13. Write a Java program to an Insert an element into a binary search tree.
14. Write a Java program to search for a key element in a binary search tree.
15. Write a Java program for the implementation of DFS for a given graph.
16. Write a Java program to implement the Stack ADT using a singly linked list.
17. Write a Java program for the implementation of circular Queue.
18. Write a Java program for the implementation of BFS for a given graph.

19. Write a Java program to delete an element from a binary search tree.
 20. Write a Java program for the implementation of DFS for a given graph.
 21. Write a Java program to search for a key element in a binary search tree.
 22. Write a Java a program for the implementation of BFS for a given graph.
 23. Write a Java program for the implementation of DFS for a given graph.
 24. Write a Java program to implement the Stack ADT using a singly linked list.
 25. Write a Java program to implement the Queue ADT using a singly linked list.
 26. Write a Java program for the implementation of circular Queue.
 27. Write a Java program to evaluate the postfix expression (use stack ADT).
 28. Write a Java program to an Insert an element into a binary search tree.
 29. Write a Java program to delete an element from a binary search tree.
 30. Write a Java program that reads an infix expression, converts into postfix form.
-

NOVEMBER 2022

50438 (P)/SE252

(For candidates admitted from 2020–2021)

Question Bank — Practical Examinations

B.C.A./B.Sc. DEGREE COURSE IN COMPUTER SCIENCE

Choice Based Credit System

Core Practical V – Fifth Semester

Practical IV — PL/SQL LAB

Time : Three hours

Maximum : 60 marks

Question Bank is provided by the University for the candidates admitted from the academic year 2020-2021 for B.C.A./B.Sc. COMPUTER SCIENCE Degree Practical Examinations. The Principal/Chief Superintendent/Examiners are requested to read the given instruction carefully and strictly adhere to the same at the time of conducting the practical examinations.

**INSTRUCTIONS TO THE PRINCIPAL/
CHIEF SUPERINTENDENT/EXAMINERS**

1. Select the questions from the Question Bank provided by the University on the basis of students strength.
2. Not more than three candidates should get the same question in a batch.
3. Each question must be separated from the selected questions from the Question Bank and should be pasted on the answer paper in such a way that each answer paper is pasted with only one question.
4. The answer paper pasted with question must be displayed, without showing the questions to the students. The students should select only one answer paper pasted with question and do the practical.

5. Selected questions from the Question Bank should be used in each batch consisting of maximum 30 students. Arrangements may kindly be made to take required number of copies of the questions at the college.
 6. No question must be prescribed by the examiner other than the selected questions from the question bank provided by the University for the B.C.A./B.Sc. Computer Science practical examinations.
 7. After selecting the questions, the Question Bank should be handed over to the principal at once. The Principal are asked to keep the Question Bank, which is a permanent record, under safe custody and to utilise when conducting the practical examinations of the subject concerned.
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1. (a) Using Employee Database with two tables. Employee_Personal_details as parent table with NOT NULL and UNIQUE constraints for Employee_ID and NOT NULL for age with Employee ID as primary key. Also create another table Employee_Salary_details as child table with reference of Employee_ID as foreign key. Use DDL commands create and alter. Also create
Also perform the following queries
 - (i) Determine the names of employee, who earn more than 20000.
 - (ii) Determine the names of employees, who take highest salary in their departments.
 - (iii) Determine the employees, who are located at the same place.
 - (iv) Determine the employees, whose total salary is like the minimum salary of any department.
 - (v) Determine the department which does not contain any employees.
- (b) Write a PL/SQL program to demonstrate Exceptions.

2.
 - (a) Create a table for payroll processing and perform do the insertion, modification, deletion and aggregate functions (count, max and min).
 - (b) Write PL/SQL queries to create Procedures.

3.
 - (a) Write a query to the list of all students who were fail in the particular subject and also find max marks in sub 1 and average of sub 2 from total 5 subjects.
 - (b) Write PL/SQL queries to create Triggers.

4.
 - (a) Write a program for student database and do the following operations.
 - (i) Modification
 - (ii) Deletion
 - (iii) Aggregate functions count(), sum(), avg(), max(), min()
 - (b) Write a PL/SQL program to demonstrate Packages.

5.
 - (a) Create a Student Database with the following tables.
STUDENT_PERSONAL_INFO with fields (NAME, ROLL_NO, ADDRESS, PHONE_NO)
STUDENT_CLASS_INFO with NAME, ROLL_NO, SECTION.
Use subqueries to display NAME, PHONE_NO of the Student Database whose section is "A".
 - (b) Use appropriate Visual programming tools like oracle forms and reports, visual basic etc to create user interface screens and generate reports for library management.

6. (a) Create Employee Database with Employee_Personal (ID, NAME, DOJ, AGE, ADDRESS, DEPARTMENT, DESIGNATION) and Employee Salary (ID, NAME, SALARY, BP, DA, HRA, CCA, GROSS_PAY, NET_PAY).
- Use sql sub queries to updates the SALARY by 10 times in the EMPLOYEE_Salary table for all employee whose AGE is greater than or equal to 29.
- (b) Write a PL/SQL program to demonstrate Functions.
7. (a) Use appropriate Visual programming tools like oracle forms and reports, visual basic etc to create user interface screens and generate reports for student mark sheet processing.
- (b) Write PL/SQL queries to create Triggers.
8. (a) Write a PL/SQL program to demonstrate Packages.
- (b) Use appropriate Visual programming tools like oracle forms and reports, visual basic etc to create user interface screens and generate reports for Pay roll processing.
9. (a) Create an employee data base and divided into certain the database into certain departments and each department consists of employees. The following two tables describes the schemes.
- Dept_table (deptno, dname, loc)
- Emp_table (empno, ename, job, mgr, hiredate, sal, comm, deptno)
- (i) Update the employee salary by 15%, whose experience is greater than 10 years.
- (ii) Delete the employees, who completed 30 years of service.
- (iii) Display the manager who is having maximum number of employees working under him?
- (iv) Create a view, which contain employee names and their manager.
- Generate a report of employees who gets more than 20000 salary.
- (b) Write PL/SQL queries to create Triggers.

10. (a) Write a PL/SQL program to demonstrate Cursors.
- (b) Use VB as the front-end tool and any RDBMS as the back-end tool. Create database and performing the operations Insertion, Deletion, Modification for Payroll processing.
- DA as 30% of Basic pay, HRA as 20% of Basic pay, PF as 18% of Basic pay.
- Gross_pay as Basic Salary + HRA + DA.
- Net_Pay as Gross_Pay – PF.
- Calculate Gross pay and Net pay using given formula and also generate a simple report.
11. (a) As a designer identify the PL/SQL procedures necessary and create them using cursors.
- (b) The student mark sheet database containing student's Name, Roll No, Exam ID, Subject marks say m1, m2, m3, m4, m5, total, average and grade.
- Display the details using sql queries for the following.
- (i) avg > 80 means "Outstanding"
- (ii) avg > 75 means "First class"
- (iii) avg between 50 and 60 "Second class"
- (iv) avg < 50 means "Fail".
12. (a) Consider the following tables namely "DEPARTMENTS" and "EMPLOYEES" Their schemas are as follows.
- Departments (dept_no, dept_name, dept_location);
- Employees (emp_id, emp_name, emp_salary, dept_no);
- (i) Develop a query to use all DDL commands and constraints.
- (ii) Develop a query to use all DML commands and constraints.
- (iii) Generate a report of employees who joins after 1-jan-2020.
- (b) Write a PL/SQL program to demonstrate Procedure and Functions.

13. (a) Create a table called Employee with the following structure.
- Empno (Number), Ename (Varchar2(20)), Job (Varchar2(20)), Sal (Number)
- (i) Add a column DoJ (DATE) with the Employee table.
 - (ii) Insert any five records into the table.
 - (iii) Update the column details of job
 - (iv) Rename the column Sal as Emp_Salary of Employ table using alter command.
 - (v) Delete the employee whose empno is 101.
- (b) Write a PL/SQL program to demonstrate Exceptions.
14. (a) Create department table with the following structure.
- Deptno (Number), Deptname (Varchar2(20)), location (Varchar2(20))
- (i) Add column designation to the department table.
 - (ii) Insert values into the table.
 - (iii) List the records of emp table grouped by deptno.
 - (iv) Update the record where deptno is 5.
 - (v) Delete any column data from the table
- (b) Write PL/SQL queries to create Triggers.
15. (a) Create an Emp table with the following fields:
- (EmpNo, EmpName, Job, Basic, DA, HRA, PF, GrossPay, NetPay)
- (Calculate DA as 30% of Basic and HRA as 40% of Basic)
- (i) Insert Five Records and calculate GrossPay and NetPay.
(Gross_pay as Basic Salary + HRA + DA and Net_Pay as Gross_Pay – PF.)
 - (ii) Display the employees whose Basic is lowest in each department.
 - (iii) If NetPay is less than < Rs.10,000 add Rs.1,200 as special allowances.
 - (iv) Display the employees whose GrossPay lies between 10,000 and 20,000
 - (v) Display all the employees who earn maximum salary.
- (b) Write a PL/SQL program to demonstrate Packages.

16. (a) Write a program to create database and perform the operations given below.
- (i) Insertion
 - (ii) Deletion
 - (iii) Generate a simple report for the students admitted between 2010 to 2020.
- (b) Write a PL/SQL program to demonstrate Exceptions.
-
17. (a) Write a PL/SQL program to demonstrate Procedure and Functions.
- (b) Consider the details of student database with Reg.no, Name, Marks in 3 subjects. Generate a result report if marks in any subject is <50 then the student fails in the subject.
-
18. (a) Write an application program to perform the basic DML operations with constraints related to “Employee Database”.
- (b) Write a PL/SQL program to demonstrate Procedure and functions.
-
19. (a) Write an application program to perform the basic DDL operations with constraints related to “Library Management”.
- (b) Write a PL/SQL program to demonstrate Packages.

20. (a) Write PL/SQL queries to create Triggers.
- (b) Create a table for “Library Management System” and do the insertion, modification and deletion and prepare simple reports.
21. (a) To write a Cursor to display the list of employees who are Working as a Managers or Analyst
- (b) Create “Employee” table with personal and salary details.
- (i) By using the group by clause, display the enames who belongs to deptno 10 along with average salary.
- (ii) Display lowest paid employee details under each department.
- (iii) Display number of employees working in each department and their department number.
- (iv) Using built in functions, display number of employees working in each department and their department name from dept table. Insert deptname to dept table and insert deptname for each row, do the required thing specified above.
- (v) List all employees which start with either B or C.
- (vi) Display only these ename of employees where the maximum salary is greater than or equal to 5000.
22. (a) Write PL/SQL Programs in Cursors using Loops.
- (b) Develop “Employee” details table.
- (i) Count the number of employees in department 20
- (ii) Find the minimum salary earned by clerk.
- (iii) Find minimum, maximum, average salary of all employees.
- (iv) List the minimum and maximum salaries for each job type.
- (v) List the employee names in descending order.
- (vi) List the employee id, names in ascending order by empid.

23. (a) Design “Employee” database with your own data and perform the following.
- (i) Show that two substrings as single string.
 - (ii) List all employee names, salary and 15% rise in salary.
 - (iii) Display lowest paid emp details under each manager
 - (iv) Display the average monthly salary bill for each deptno.
 - (v) Show the average salary for all departments employing more than two people.
 - (vi) By using the group by clause, display the eid who belongs to deptno 05 along with average salary.
- (b) Write PL/SQL code to display Employee details using Explicit Cursors.
-
24. (a) Create a “Student” table and do the following.
- (i) Create a user and grant all permissions to the user.
 - (ii) Update the table reserves and use save point and rollback.
 - (iii) Add constraint primary key, foreign key and not null to the reserves table
 - (iv) Delete constraint not null to the table column.
- (b) Write PL/SQL code Program to Create stored procedures and functions.
-
25. (a) Create “Student” table with 5 attributes and do the following.
- (i) Create a user and grant all permissions to the user.
 - (ii) Use revoke command to remove user permissions.
 - (iii) Change password of the user created.
 - (iv) Add constraint foreign key and not null.
- (b) Write PL/SQL code in Procedure using procedure call.

26. (a) Create a “Employee” table with minimum 6 attributes. Also do the following.
- (i) Create a user and grant all permissions to the user.
 - (ii) Insert values in the department table and use commit.
 - (iii) Add constraints like unique and not null to the department table.
 - (iv) Insert repeated values and null values into the table.
- (b) Write a PL/SQL procedure to work with Arithmetic operations.
-
27. (a) Create “Employee” table and do the following.
- (i) Create a user and grant all permissions to the user.
 - (ii) Insert the any three records in the employee table and use rollback. Check the result.
 - (iii) Add primary key constraint and not null constraint to the employee table
 - (iv) Insert null values to the employee table and verify the result
- (b) Write PL/SQL Programs in Cursors using two cursors at a time and display employee names and salary.
-
28. (a) Create a table called Branch table.
- | Name | Type |
|-------------|--------------|
| Branch name | Varchar2(20) |
| Branch_city | Varchar2(20) |
| Asserts | Number |
- (i) Increase the size of data type for Asserts to the branch
 - (ii) Add and drop a column to the Branch table
 - (iii) Insert values to the table.
 - (iv) Update the Branch_name column
 - (v) Delete any two columns from the table
- (b) Write PL/SQL code in Function for Factorial number and Prime number.

29. (a) Create a table called Stock table
- | | |
|--------|--------------|
| Name | Type |
| Sid | Number |
| Sname | Varchar2(20) |
| Rating | Varchar2(20) |
- (i) Add column age to the Stock table.
(ii) Insert values into the Stock table.
(iii) Delete the row with Rating >8.
(iv) Update the column details of Stock.
(v) Insert null values into the table.
- (b) Write a PL/SQL block to handle the following BUILT-IN EXCEPTIONS.
-
30. (a) Create a table called Customer table
- | | |
|-------------|--------------|
| Name | Type |
| Cust_name | Varchar2(20) |
| Cust_street | Varchar2(20) |
| Cust_city | Varchar2(20) |
- (i) Insert records into the table.
(ii) Add salary column to the table.
(iii) Alter the table column domain.
(iv) Drop salary column of the customer table.
(v) Delete the rows of customer table whose cust_city is "New York".
- (b) Write pl/sql code using Trigger to salary with more than old salary.
-