



A.D.M College For Women (Autonomous)

Nationally Accredited with 'A' by NAAC (Cycle-IV)

Nagapattinam -611 001

TamilNadu.



PG AND RESEARCH DEPARTMENT OF MATHEMATICS

II B. Sc. Mathematics

ENTRY LEVEL TEST - 2022-2023

S.NO.	REG NO.	NAME	MARKS OBTAINED
1.	22UM001	S.Kaviyadharshini	08
2.	22UM002	D.Kavitha	07
3.	22UM003	S.Sakthipriya	07
4.	22UM004	R.Kiruthika	09
5.	22UM005	S.Maheswari	10
6.	22UM006	E.Bairavi	08
7.	22UM007	E.J.Divya	08
8.	22UM010	B.Agalya	10
9.	22UM011	S.Dharshini	09
10.	22UM012	S.RishwanaFarveen	05
11.	22UM013	S.Sengalya	03
12.	22UM014	S.Sivaranjani	07
13.	22UM015	K.Sulochana Devi	04
14.	22UM016	P.Sudhi	07
15.	22UM017	T.Ajitha	08
16.	22UM018	S.K.Jaisree	08
17.	22UM019	K.Harini	05
18.	22UM020	S.Fulosiya	07
19.	22UM021	S.Subasri	07
20.	22UM022	T.Rabina	08
21.	22UM024	M.Manimozhi	10

22.	22UM025	M.Ambika	09
23.	22UM026	J.Jayshni	08
24.	22UM027	M.Afrin	07
25.	22UM028	R.Abinaya	07
26.	22UM029	S.Abarna	05
27.	22UM030	D.Pugazhya	09
28.	22UM031	R.S.Sivaranjani	10
29.	22UM032	J.Abinaya	04
30.	22UM033	R.Prabavathy	08
31.	22UM034	R.Sakthisri	07
32.	22UM035	B.Saranya	03
33.	22UM040	M.Yogalakshmi	07
34.	21UM043	R.Madhumitha	08



Signature of the Staff in-charge

ENTRY LEVEL TEST PAPERS (2022-2023)

Analytical Geometry
of SD
Test 3

22UM013
S. Sengulay
II B-sc Maths

10/10

1) Find the equation of line with vertex (5, 4, 3)

$$\frac{x-5}{\lambda} = \frac{y-4}{\mu} = \frac{z-3}{\nu}$$

2) If lines are perpendicular $a_1a_2 + b_1b_2 + c_1c_2 = 0$

3) Any line through (x_1, y_1, z_1) & given (x_2, y_2, z_2) the equation

$$\frac{x-x_1}{\lambda} = \frac{y-y_1}{\mu} = \frac{z-z_1}{\nu} \Rightarrow \frac{x-x_1}{\lambda} = \frac{y-y_1}{\mu} = \frac{z-z_1}{\nu}$$

4) For the diagonals of cube $\cos^2 \alpha + \cos^2 \beta + \cos^2 \gamma = \frac{1}{2}$

5) The cone formed by tangent drawn from a given point is called Enveloping cone

6) State any one condition for parallel.

The direction cosines of the lines are same

7) The distance between two points

$$\sqrt{(x_2-x_1)^2 + (y_2-y_1)^2 + (z_2-z_1)^2}$$

8) The $\cos \alpha$, $\cos \beta$ & $\cos \gamma$ are called Directional cosines

9) State any one condition for perpendicular.

$$a_1a_2 + b_1b_2 + c_1c_2 = 0$$

10) The foot of perpendicular from a point on a straight line is called Orthogonal projection

ENTRY LEVEL TEST PAPERS

Reg No: 220013
Name: S. Sengulaja
Class: II B.Sc Maths

Analytical Geometry
of 3D
Entry level test

1) Write down the equation of the sphere with centre (a, b, c) & radius r is

$$(x-a)^2 + (y-b)^2 + (z-c)^2 = r^2$$

2) If $u^2 + v^2 + w^2 - d^2 = 0$ & $r=0$, then the sphere is said to be
Sphere

3) If $u^2 + v^2 + w^2 - d$ is negative, then the sphere is said to be
Real sphere

4) Write down the formula for radius of sphere.

$$r = \sqrt{u^2 + v^2 + w^2 - d}$$

5) The general equation of sphere

$$\sqrt{(x_2 + x_1)^2 + (y_2 + y_1)^2 + (z_2 + z_1)^2}$$

6) The distance between the points (x_1, y_1, z_1) & (x_2, y_2, z_2) is

$$x^2 + y^2 + z^2 + 2ux + 2vy + 2wz + c = 0$$

7) The coplanar lines are also known as
Parallel lines

8) The equation is called the normal form of the equation of a plane

$$lx + my + nz = p$$

9) The center formula by a tangent line in a surface drawn from a given point is called
Surface area of sphere

10) Write down the equation of cone with vertex at origin be

$$ax^2 + by^2 + cz^2 - 2fy - 2gz - 2h = 0$$

ENTRY LEVEL TEST PAPERS

Page no: 22UM503
Name: S. Sathishpriya
class: II BSc Maths

Entry level test

1) Write down the equation of the sphere with centre (a, b, c) and radius r is

$$(x-a)^2 + (y-b)^2 + (z-c)^2 = r^2$$

2) If $u^2+v^2+w^2-d=0$ & $r=0$, then the sphere is said to be

point sphere

3) If $u^2+v^2+w^2-d$ is negative, then the sphere is said to be

Imaginary sphere

4) Write down the formula for radius of sphere.

$$r = \sqrt{u^2+v^2+w^2-d}$$

5) The general equation of sphere

$$x^2+y^2+z^2+2ux+2vy+2wz = 0$$

6) The distance between the points (x_1, y_1, z_1) & (x_2, y_2, z_2) is

$$\sqrt{(x_2-x_1)^2 + (y_2-y_1)^2 + (z_2-z_1)^2}$$

7) The Coplanar lines are also known as parallel lines

8) The equation is called the normal form of the equation of a plane

$$lx+my+nz=p$$

9) The Centre formula by a tangent lines on a surface drawn from a given point is called

enveloping cone of surface

10) Write down the equation of Cone with vertex at origin be

$$ax^2+by^2+cz^2+2yz+2zx+2xy=0$$

ENTRY LEVEL TEST PAPERS

22/01/19
K+Maximil

Entry level test

1) write down the equation of the sphere with centre (a, b, c) and radius r is

$$(x-a)^2 + (y-b)^2 + (z-c)^2 = r^2$$

2) If $u^2 + v^2 + w^2 - d = 0$ and $r = 0$, then the sphere is said to be
 Sphere

3) If $u^2 + v^2 + w^2 - d$ is negative, then the sphere is said to be
 Real Sphere

4) write down the formula for radius of sphere

$$r = \sqrt{u^2 + v^2 + w^2 - d}$$

5) The general equation of sphere

$$x^2 + y^2 + z^2 + 2ux + 2vy + 2wz + c = 0$$

6) The distance between the points (x_1, y_1, z_1) and (x_2, y_2, z_2) is

$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2 + (z_2 - z_1)^2}$$

7) The coplanar lines are also known as
 parallel lines

8) The equation is called the normal form of the equation of a plane

$$lx + my + nz = p$$

9) The center formula by a tangent line is a surface drawn from a given point is called
 tangent surface

10) write down the equation of cone with vertex at origin be

$$a^2x + b^2y + c$$

**PG AND RESEARCH DEPARTMENT OF
MATHEMATICS**

(Students those who got below 5 marks)

S.NO.	REG NO.	NAME	MARKS OBTAINED
1.	22UM012	S.RishwanaFarveen	05
2.	22UM013	S.Sengalya	03
3.	22UM015	K.Sulochana Devi	04
4.	22UM019	K.Harini	05
5.	22UM029	S.Abarna	05
6.	22UM032	J.Abinaya	04
7.	22UM035	B.Saranya	03

REMEDIAL COACHING TEST PAPERS

TEST - 1

Analytical Geometry
of 3D

22 UMD3
S. Sengupta
II B.Sc Maths

Test - 1

05/10

- 1) Find the equation of line with vertex $(5, 4, 3)$.

$$\frac{x-5}{l} = \frac{y-4}{m} = \frac{z-3}{n}$$
- 2) Any line through (u, v, w) & given $z=0$ then the equation

$$\frac{x+u}{l} = \frac{y+v}{m} = \frac{z+w}{n}$$
- 3) The cone formed by tangent drawn from a given point is called sphere.
- 4) The Distance between two points

$$\sqrt{(x_2-x_1)^2 + (y_2-y_1)^2 + (z_2-z_1)^2}$$
- 5) The $\cos \alpha$, $\cos \beta$ & $\cos \gamma$ are called the Direction cosines.
- 6) The foot of perpendicular from a point on a straight line is called orthogonal projection.

- 7) state any one condition for perpendicularity
 $\theta = 90^\circ \Rightarrow \cos \theta = 0$
- 8) state any one condition for parallel
 The direction ratio of the lines are unequal
- 9) For the diagonals of cube $\cos^2 \alpha + \cos^2 \beta + \cos^2 \gamma = 1$
 $= 1/3$
- 10) If lines are perpendicular $l_1 l_2 + m_1 m_2 + n_1 n_2 = 0$

REMEDIAL COACHING TEST PAPERS

TEST - 2

Analytical Geometry
 of 3D
 Test - 2

22UM013
 S. Sengupta
 II B.Sc Maths

$\frac{00}{10}$

- 1) The formula for $\cos \theta = \frac{l_1 l_2 + m_1 m_2 + n_1 n_2}{\sqrt{l_1^2 + m_1^2 + n_1^2} \sqrt{l_2^2 + m_2^2 + n_2^2}}$ ✓
- 2) The formula for $\sin \theta = \pm \frac{\sqrt{(l_1 m_2 - l_2 m_1)^2 + (l_1 n_2 - l_2 n_1)^2 + (m_1 n_2 - m_2 n_1)^2}}{\sqrt{l_1^2 + m_1^2 + n_1^2} \sqrt{l_2^2 + m_2^2 + n_2^2}}$ ✗
- 3) The formula for $\tan \theta = \pm \frac{\sqrt{(l_1 m_2 - l_2 m_1)^2 + (l_1 n_2 - l_2 n_1)^2 + (m_1 n_2 - m_2 n_1)^2}}{l_1 l_2 + m_1 m_2 + n_1 n_2}$ ✗
- 4) Equation of a plane in 3D is skew lines ✗
- 5) Two lines are not coplanar are called parallel lines ✗
- 6) The general equation of sphere is $x^2 + y^2 + z^2 - 2ax - 2by - 2cz + a^2 + b^2 + c^2 - r^2 = 0$ ✓
- 7) The general equation of line is $(x-x_1)/l = (y-y_1)/m = (z-z_1)/n$ ✓
- 8) The general equation of cone is ✗

- 9) The equation $lx + my + nz = p$ is called the normal form of equation of plane. ✓
- 10) The distance between the points (x_1, y_1, z_1) & (x_2, y_2, z_2) is $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2 + (z_2 - z_1)^2}$ ✓

REMEDIAL COACHING TEST PAPERS

TEST - 3

Analytical Geometry
 of SD
 Test-3

220M013
 S. Sengulga
 II B.Sc Maths

1) Find the equation of line with vertex (5, 4, 3)

$$\frac{x-5}{\lambda} = \frac{y-4}{\mu} = \frac{z-3}{\nu}$$

2) If lines are perpendicular $2x_1 + 3x_2 + 4x_3 = 0$

3) Any line through (x, y, z) & given zero, the equation

$$\frac{x-a}{\lambda} = \frac{y-b}{\mu} = \frac{z-c}{\nu} \Rightarrow \frac{x-x}{\lambda} = \frac{y-b}{\mu} = \frac{z-c}{\nu}$$

4) For the diagonals of cube $\cos^2 \alpha + \cos^2 \beta + \cos^2 \gamma = \frac{1}{2}$

5) The cone formed by tangent drawn from a given point is called Enveloping cone

6) State any one condition for parallel.
 The direction cosines of the lines are same

7) The distance between two points

$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2 + (z_2 - z_1)^2}$$

8) The cos α , cos β & cos γ are called Directional cosines

9) State any one condition for perpendicular.
 $\theta = 90^\circ \rightarrow \cos \theta = 0 \rightarrow a_1 a_2 + b_1 b_2 + c_1 c_2 = 0$

10) The foot of perpendicular from a point on a straight line is called Orthogonal projection

**PG AND RESEARCH DEPARTMENT OF
MATHEMATICS**

CONSOLIDATED MARK SHEET

S.No	Roll No	Names	Entry Level Test	Test 1	Test 2	Test 3	Internal	Semester Marks Obtained	Remark
1.	22UM012	S.RishwanaFarveen	05	06	08	09	18	62	Performance improved
2.	22UM013	S.Sengalya	03	05	06	10	18	63	Performance improved
3.	22UM015	K.Sulochana Devi	04	06	07	08	17	40	Good attempt
4.	22UM019	K.Harini	05	07	08	09	16	45	Good attempt
5.	22UM029	S.Abarna	05	06	08	08	18	60	Performance improved
6.	22UM032	J.Abinaya	04	05	07	08	19	58	Performance improved
7.	22UM035	B.Saranya	03	05	07	09	17	40	Good attempt



Signature of staff In-charge



A.D.M College For Women (Autonomous)

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Nagapattinam - 611 001

Tamil Nadu.



PG DEPARTMENT OF COMPUTER SCIENCE

ENTRY LEVEL TEST (2022-2023)

Mark Sheet

S.NO	REG.NO	STUDENTS NAME	MARK OBTAINED (10)
1.	21UCS101	B.Sharmila	8
2.	21UCS102	I.Balavinothini	7
3.	21UCS103	S.FarijaFarjana	9
4.	21UCS104	S.Dhanussri	7
5.	21UCS105	J.Vinotha	8
6.	21UCS107	S.NaeemFathima	8
7.	21UCS108	S.Leshma Jose	8
8.	21UCS109	S.Madhumitha	6
9.	21UCS110	S.Muthulakshmi	7
10.	21UCS111	M.Ayesha Sithika	6
11.	21UCS112	A.Girija	9
12.	21UCS113	H.Mohamed Naziha	7
13.	21UCS114	G.Nithyasri	6
14.	21UCS115	M.Manthra	7
15.	21UCS116	M.Nithisha	7
16.	21UCS118	J.Jeyabharathi	7
17.	21UCS119	C.Sujitha	7
18.	21UCS120	K.Nirosha	3
19.	21UCS121	S.Subiksha	7
20.	21UCS122	S.Akshaya	6
21.	21UCS123	M.Sharmila begum	6
22.	21UCS124	M.FathimaNajeeha	7
23.	21UCS125	A.Sivaranjani	4
24.	21UCS126	A.Oviya	7

25.	21UCS127	A.Brundha	7
26.	21UCS130	V. Manisha	7
27.	21UCS131	J.FauzulHidhaya	5
28.	21UCS132	S.Fajeela	8
29.	21UCS133	H.Thoufika	7
30.	21UCS136	M.Shehanazbegam	7
31.	21UCS137	D.Madhumitha	9
32.	21UCS138	N.Safrin	10
33.	21UCS139	S.Gunanidhi	9
34.	21UCS140	S.Raja Rajeswari	4
35.	21UCS143	V.Iswarya	6
36.	21UCS144	M.Kayalvizhi	4

PG DEPARTMENT OF COMPUTER SCIENCE
ENTRY LEVEL TEST (2022-2023)

A.D.M.COLLEGE FOR WOMEN (A),NAGAPATTINAM.
 PG DEPARTMENT OF COMPUTER SCIENCE
 ENTRY LEVEL TEST PAPERS (2022-2023)

Safina
 21WCA138

08
 10

1. Define: DBMS

A DBMS serves as an interface between an end-user and a database allowing users to create, read, insert, update and delete the data in database.

2. What are the three levels of abstraction?

- * Physical Level
- * Logical Level
- * View Level

3. Define Embedded SQL.

Embedded SQL is a method of combining the computing power of a programming language and the database manipulation capabilities of SQL. Embedded SQL statements are SQL statements written inline with code.

4. What is 2NF?

A Relation is said to be in the 2nd Normal Form in DBMS (or 2NF) when it is in the first Normal Form but has no non-prime attribute functionally dependent on any candidate key's proper subset in a Relation.

5. What is meant by the degree of relationship set?

The degree of Relationship can be defined as the number of occurrences in one entity that is associated with the number of occurrences in another entity. A collection of various relationships that belongs to the same relationship.

A.D.M.COLLEGE FOR WOMEN (A),NAGAPATTINAM.
 PG DEPARTMENT OF COMPUTER SCIENCE
 ENTRY LEVEL TEST PAPERS (2022-2023)

D. Madhumitha
 21WCA137

08
 10

1. Define: DBMS

Database Management System (DBMS) are software systems used to store, retrieve and run queries on data and a database allowing users to create, read, update and delete the data in database.

2. What are the three levels of abstraction?

- * Physical or Internal Level
- * Relational or Conceptual Level
- * View or Substantial Level

3. Define Embedded SQL.

Embedded SQL is a method of combining the computing power of programming language and the database manipulation capabilities of SQL. The Embedded SQL statements are SQL statements written inline with program source code, of host language.

4. What is 2NF?

A relation is said to be in 2nd Normal Form in DBMS (or 2NF) when it is in 1st Normal Form but has no non-prime attribute functionally dependent on any candidate key's proper subset in the relation it is called as the 2NF.

5. What is meant by the degree of relationship set?

The degree of relationship can be defined as the number of occurrences in one entity that associated with the number of occurrences in another entity these are these degree of relationship

- * One-to-One
- * One-to-Many
- * Many-to-Many

PG DEPARTMENT OF COMPUTER SCIENCE
Students Selected for Remedial Coaching
(Students those who got below 5 Marks)

1. K.Nirosha
- 2.A.Sivaranjani
- 3.J.FauzulHidhaya
4. S.Raja Rajeswari
5. M.Kayalvizhi

PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS (2022-2023)

Test-1

A.D.M.COLLEGE FOR WOMEN (A),NAGAPATTINAM
PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING TEST PAPERS
TEST-1

05
10

21UCS140
Name: S. RAJA RAJESHWARI
Class: III BSC. CS
Date:

1. What is a transaction?
Transaction is defined as the exchange of products.

2. Define entity and entity set.
The Entity set is a grouping of entities that share the same attributes.

3. Define DDL.
Data definition language is a subset of SQL.

4. Define: Primary key.
A primary key also called a primary keyword, is a column in relational database table.

5. List any eight applications of DBMS.
1. Banking
2. Account
3. Online shopping
4. Manufacturing

W.P. SIVA

A.D.M.COLLEGE FOR WOMEN (A),NAGAPATTINAM
PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING TEST PAPERS
TEST-1

05
10

21UCS144
Name: M. KANAKAVELI
Class: III B. SC. CS
Date:

1. What is a transaction?
Transaction refer to set of operations that are used for performing a set of logical work.

2. Define entity and entity set.
A set that collectively represent a group of entities of a similar type for example: Bank account.

3. Define DDL.
Data Definition language is a subset of SQL.

4. Define: Primary key.
A set of column in a relational database table distinctive for each record.

5. List any eight applications of DBMS.
• Banking • Airlines • Sales • Manufacturing
• Human resources etc.

W.P. SIVA

PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS (2022-2023)

Test-2

A.D.M.COLLEGE FOR WOMEN (A), NAGAPATTINAM
PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING TEST PAPERS

21UCS120 TEST-2

Name: K. NIROSHA
Class: II BSC-CS
Date:

06

10

1. Define Relational Algebra.

Relational algebra is a procedural query language. It gives a step by step process to obtain the result of the query.

2. Define Null Values.

The term NULL in SQL is used to specify that a data value does not exist in the database.

3. Define Embedded SQL.

Embedded SQL is a powerful method that allows the integration of high-level programming.

4. List the set operations of SQL?

Set operation are special type of operators
UNION, INTERSECT.

5. What is view in SQL? How is it defined?

Views in SQL are kind of virtual tables. A view also has rows and columns as they are in a real table in database.

K. NIROSHA

A.D.M.COLLEGE FOR WOMEN (A), NAGAPATTINAM
PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING TEST PAPERS

21UCS125 TEST-2

Name: A. SIVARANJANI
Class: II BSC-CS
Date:

06

10

1. Define Relational Algebra.

Relational Algebra is a procedural query language which takes instances of relationship as input and yields instance of relation as output. It uses operators like union, intersection, etc.

2. Define Null Values.

A Null value in a relational database is used when the value in a column is unknown or missing. A Null is neither an empty string nor a zero value (for numeric databases).

3. Define Embedded SQL.

Embedded SQL method of combination the composing power of a programming language and database.

4. List the set operations of SQL?

Set operation can be defined as the operations that are performed on two or more sets to obtain single.

5. What is view in SQL? How is it defined?

In SQL a view is a virtual table based on the result set of an SQL statement. A view contains rows and columns.

K. NIROSHA

PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS (2022-2023)

Test-3

A.D.M.COLLEGE FOR WOMEN (A), NAGAPATTINAM
 PG DEPARTMENT OF COMPUTER SCIENCE
 REMEDIAL COACHING TEST PAPERS

TEST-3

21UCS14A

Name: Koyalvizhi
 Class: II B.Sc CS,
 Date:

07

10

1. What is meant by normalization of data?
 Data normalization is the process of structuring information in a database to cut down on redundancy and make that database more efficient.
2. State the anomalies of 1NF?
 Data anomalies are divided into three general categories: insertion, deletion and update anomalies. The application of these operations that a relation may experience anomalies.
 Decomposition must be lossless
4. Mention the various user privileges.
 Alter - Applies to groups and users
 Alter - Applies to all objects
 Delete - Applies only to tables
 Drop - Applies to all object types
5. Draw PL/SQL block structure.

```

Header
is
Declaration
Begin
Exception
End;
```

A.D.M.COLLEGE FOR WOMEN (A), NAGAPATTINAM
 PG DEPARTMENT OF COMPUTER SCIENCE
 REMEDIAL COACHING TEST PAPERS

TEST-3

21UCR10

Name: S. RAJARAJESHWAR
 Class: II BSC-CS
 Date:

07

10

1. What is meant by normalization of data?
 Data normalization is the process of reorganizing data within a database so that user can utilize for further queries and analysis.
2. State the anomalies of 1NF?
 • 1NF database have some problems.
 • Most notable: Repetition of data. to change a department name all tuples of relation need to be updated. Since the department name can exist in multiple rows.
 Decomposition must always be lossless
4. Mention the various user privileges.
 The authority or permission to access a name object as advised manner
5. Draw PL/SQL block structure.

```

Header
is
Declaration
Optional
Mandatory -> Begin
Execution
Exception
End
```


PG DEPARTMENT OF COMPUTER SCIENCE
CLASS:II B.Sc., COMPUTER SCIENCE
CONSOLIDATE MARK SHEET REMEDIAL COACHING FOR SLOW LEARNERS (2022-2023)

A.D.M.COLLEGE FOR WOMEN (A), NAGAPATTINAM.
PG DEPARTMENT OF COMPUTER SCIENCE
CLASS: II B.Sc., Computer Science
CONSOLIDATE MARK SHEET REMEDIAL COACHING FOR SLOW LEARNERS
(2022-2023)

S.NO	Name of the Students	Entry Level Marks	Test-1	Test-2	Internal Test-1	Test-3	Test-4	Internal Test-2	Semester Mark Obtained	Remarks
1.	K. Nivasha	3	6	6	10	8	9	16	65	
2.	A. Sivakurjani	4	6	6	11	7	8	18	70	
3.	S. Fazul Hameed	5	5	6	11	8	7	20	68	
4.	S. Raja Rajeshwar	4	5	5	10	7	8	17	63	
5.	M. Kalyanizhi	4	5	5	10	7	8	18	64	

WPS Office


Signature of the Staff In-charge

Remarks

Students spending time in learning concepts.



A.D.M College For Women (Autonomous)

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Nagapattinam - 611 001

Tamil Nadu.



Remedial

PG DEPARTMENT OF COMPUTER SCIENCE

ENTRY LEVEL TEST (2022-2023)

Mark Sheet

S.NO	REG.NO	STUDENTS NAME	MARK OBTAINED (10)
1.	21UCA101	B.Nivetha	7
2.	21UCA102	S.Jothilakshmi	4
3.	21UCA103	N.Dheepika	8
4.	21UCA104	V.Prasannaghandhi	8
5.	21UCA105	S.Seetha	9
6.	21UCA106	K.Vishnupriya	4
7.	21UCA107	T.Sasimitha	3
8.	21UCA109	M.Tharanya	4

ENTRY LEVEL TEST (2022-2023)

A.D.M.COLLEGE FOR WOMEN(A),NAGAPATTINAM.
PG DEPARTMENT OF COMPUTER SCIENCE
ENTRY LEVEL TEST(2022-2023)

S. Seetha
210110105
Name of the Candidate:

09
10

1. Define: OOPS.
* Object Oriented Programming (oop) is a programming paradigm based on the concept of objects, which can contain data and code.
* The data is in the form of fields and the code is the form of procedures.

2. What is inheritance?
* Inheritance is a mechanism of reusing and extending existing classes without modifying them, thus producing hierarchical relationship between them.
* Inheritance is almost like embedding an object into a class.

3. Define: Interface
* An Interface describes the behavior or capabilities of a class without committing to a particular implementation of that class.

4. Define: JVM.
* A Java Virtual Machine (JVM) is a virtual machine that enables a computer to run Java programs as well as programs written in other languages that are also compiled to Java bytecode.
* The JVM is detailed by a specification of JVM implementations.

5. Define: File
* Files are used to store data in a storage device permanently.
* File handling provides a mechanism to store the output of a program in a file and to perform various operations on it.

K.T. 01/11/22

A.D.M.COLLEGE FOR WOMEN(A),NAGAPATTINAM.
PG DEPARTMENT OF COMPUTER SCIENCE
ENTRY LEVEL TEST(2022-2023)

S. Seetha
210110101
Name of the Candidate:

07
10

1. Define: OOPS.
oop is an object oriented programming technique that combines data and instructions for processing that data into an object that can be used within the program. Object-oriented programming provides concepts that help modelling complicated.

2. What is inheritance?
Inheritance is the concept in oops in which one class inherits the attributes and methods of another class. The class whose properties and methods are inherited is known as the parent class. And the class that inherits the properties from the parent class is the child class.

3. Define: Interface
In object-oriented programming an interface or a protocol type is a data type that acts as an abstraction of a class. It describes a set of method signatures, the implementation of which may be provided by multiple classes that are otherwise not necessarily related to each other.

4. Define: JVM.
A Java virtual machine (JVM) is a virtual machine that enables a computer to run Java programs as well as programs.

5. Define: File
A file is an abstract data type. A named location used to store related information is known as a file. There are several file operations like creating a new file, getting information about file writing into a file reading from a file and deleting a file.

K.T. 01/11/22

**Students Selected for Remedial Coaching
(Students those who got below 5 Marks)**

1. S.Jothilakshmi
2. K.Vishnupriya
3. T.Sasimitha
4. M.Tharanya
5. V.Rajasri

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REMEDIALCOACHING FOR SLOW LEARNERS (2022-2023)

Test-1

A.D.M.COLLEGE FOR WOMEN(A),NAGAPATTINAM.
PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS(2022-2023)

Name: V. Rajasri
Class: IIB.C.A
Date: / /

Test-1

05
10

1. Define: Dynamic Binding.
Dynamic Binding is the process a compiler program.

2. Define: Polymorphism.
Polymorphism: one of the core concepts of object.

3. What is JDK?
The Java Development Kit (JDK) is a distribution of Java
by Oracle by Oracle Corporation.

4. Define: Package.
Something as a number of things, creating the list of box

5. Define: Literals.
In computer science, a literal is a notation for
representing a fixed value in source code.

V. Rajasri

A.D.M.COLLEGE FOR WOMEN(A),NAGAPATTINAM.
PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS(2022-2023)

Name: S. Jothilakshmi
Class: IIB.C.A
Date: / /

Test-1

05
10

1. Define: Dynamic Binding.
In computing late binding or dynamic linkage through not
an identical process to dynamically linking imported to dynamically
linking imported code through programming.

2. Define: Polymorphism.
Polymorphism is one of the most important concepts in OOP. It
describes the ability of something to have or to be displayed in more than
one form. The different forms arise because these entities can be assigned
different meanings and used in various ways in multiple contexts.

3. What is JDK?
The Java Development Kit (JDK) is a distribution of Java technology
by Oracle Corporation. It implements the Java Language Specification
and the Java Virtual Machine Specification and provides the standard
Edition of the Java Application Programming.

4. Define: Package.
Something as a number of things contained in paper or
in a box. a number of things that must be bought or
accepted together.

5. Define: Literals.
The accordance with, involving or being the primary
or strict meaning of the word or words; not figurative
or metaphorical. following the words for the original
very closely and exactly.

S. Jothilakshmi

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Test-2

A.D.M.COLLEGE FOR WOMEN(A),NAGAPATTINAM.
 PG DEPARTMENT OF COMPUTER SCIENCE
 REMEDIAL COACHING FOR SLOW LEARNERS (2022-2023)

Class: II B.C.A
 Date: _____
 Tharanya
 21UC2104
 Test-2

1. Define: Operator.
 An operator is an object capable of manipulating a value or operator. In computer programming and at the command line. IRC channel operator.

2. Define: Arithmetic Expression.
 Arithmetic expression consist of arithmetic terms that are combined by arithmetic operators. An arithmetic expression can consist of any of the following items, as identifier described.

3. What are the types of operators?
 Arithmetic operators Condition operators
 Decrement and increment operators Bitwise operators
 Assignment operators Logical operators
 Special operators

4. Write about syntax in switch statement?
 The case key word followed by a constant expression and a colon. if the value of the switch expression matches the constant expression in a case label.

5. Define: Recursion.
 Recursion the process of repeating items in a self similar way. In programming languages, if a program allows you to call a function, inside the same function, then it is called a recursive call of the function.

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07
10

Class: II B.C.A
 Date: _____
 Sasimitha
 21UC2107
 Test-2

1. Define: Operator.
 An operator is an object capable of manipulating a value or operator. In computer programming and at the command line. are the operands and the plus symbol is the operator. A or is a person who controls IRC channel operator.

2. Define: Arithmetic Expression.
 Arithmetic expression consist of arithmetic terms that are combined by arithmetic operations. An arithmetic expression can consist of any of the following items, An Identifier described as a numeric elementary the figurative constant.

3. What are the types of operators?
 Arithmetic operators Condition operators
 Decrement and increment operators Bitwise operators
 Assignment operators Logical operators
 Special operators

4. Write about syntax in switch statement?
 The case key word followed by a constant expression and a colon. if the value of the switch expression matches the constant expression in a case label the statements.

5. Define: Recursion.
 Recursion is the process of repeating items in a self-similar way. In programming languages, if a program allows you to call a function inside the same function, then it is called a recursive call of the function.

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Test-3

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REMEDIAL COACHING FOR SLOW LEARNERS(2022-2023)

07

10

Class: II B.C.A
Date:
Topic: Tree
JothulaKshmi
21UC1A102
1.Define: String.

Test-3

String are used for storing text characters.
For example, "Hello World" is a string of characters.
Unlike many other programming languages, string type easily create string variables.

2. Define: Array.
Array is a data structure consisting of a collection of elements of same memory size, each identified by at least one array index or key.

3. What is Applet?
An applet is a program written in the Java programming language that can be included in an HTML page, much in the same way an image is included in a page.

4. Define: Package?
A bundle of something, usually of small or medium size that is packed and wrapped or boxed. parcel, a box or case, in something may be packed.

5. Define: Error Handling.
Error handling is the process of responding to and recovering error conditions in your program.

K.P. Shalini

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PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS(2022-2023)

07

10

Class: II B.C.A
Date:
Topic: Tree
Rajashi
21UC1A102
1.Define: String.

Test-3

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2. Define: Array.
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An applet is a program written in the Java programming language that can be included in an HTML page, much in the same way an image is included in a page.

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Error handling is the process of responding to and recovering error conditions of the many programs.

K.P. Shalini

PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS (2022-2023)

Test-4

A.D.M.COLLEGE FOR WOMEN(A),NAGAPATTINAM.
PG DEPARTMENT OF COMPUTER SCIENCE
REMEDIAL COACHING FOR SLOW LEARNERS(2022-2023)

Class: Tharanyia
Date: 21/09/22
I. Define: File.

Test-4

09
10

1. A file container in a computer system for storing information. Files used in computers are similar in features to that of paper documents used in a library and office files.

2. Define: Stream.
Streams vary in size from tiny rills or streamlets, to large brooks, creeks, and rivers. The term "stream" is often used interchangeably with "river" though "stream" usually refers to a smaller body of water.

3. Define: I/O Classes.
The I/O class provides functions that can be used to handle input and output operations. All the inputs from standard input and standard output and also files can be handled.

4. What is byte handling?
A byte consists of 8 adjacent binary digits bits, each of which consists of a 0 or 1. one bit that made up a simple piece of information like a single character.

5. Define: Random access file
Random access files permit nonsequential or random access to a file's contents. you open the file, seek a particular location read or write file.

K. S. 11/09/22

A.D.M.COLLEGE FOR WOMEN(A),NAGAPATTINAM.
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REMEDIAL COACHING FOR SLOW LEARNERS(2022-2023)

Name: 2102A107
Class: III-BCA
Date: 21-09-22

Test-4

08
10

1. Define: File.
A file is container in a computer system for storing information. Files used in computers are similar in features to that of paper documents used in a library and office files.

2. Define: Stream.
Streams vary in size from tiny rills or streamlets, to larger brooks, creeks, and rivers. The term "stream" is often used interchangeably with "river", though "stream" usually refers to a smaller body of water.

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K. S. 11/09/22

PG DEPARTMENT OF COMPUTER SCIENCE

CLASS: II B.C.A

CONSOLIDATE MARK SHEET REMEDIAL COACHING FOR SLOW LEARNERS
(2022-2023)

A.D.M.COLLEGE FOR WOMEN (A), NAGAPATTINAM.
PG DEPARTMENT OF COMPUTER SCIENCE
CLASS: II B.C.A
CONSOLIDATE MARK SHEET REMEDIAL COACHING FOR SLOW LEARNERS
(2022-2023)

S.NO	Name of the Students	Entry Level Marks	Test-1	Test-2	Internal Test-1	Test-3	Test-4	Internal Test-2	Semester Mark Obtained	Remarks
1.	S.Jothi kushmi	4	5	6	11	7	8	16	70	
2.	K.vishnu priya	4	5	6	11	7	8	17	72	
3.	T.Sa Smitha	3	6	7	12	8	8	20	75	
4.	M.Thananya	4	5	6	13	7	9	18	80	
5.	V.Rajasee	3	5	6	12	7	8	17	70	

WPS Office

K. D. 7/10/22
Signature of the Staff In-charge

Remarks

Students are improving in terms of marks.