

Sri A.S.N.M Govt College (A) Palakol

DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS 2019-2020

I CBZ & MBBC

DATE	NAME OF THE TOPIC	REMARKS
11-7-19	ತೆಳೆಹಿಡಿಯು ತಾಯ್ನು ಹುಟ್ಟು	✓
18-7-19	ಪಿತಿ ಚರ್ಮದ ವೈಶಿಷ್ಟ್ಯ	✓
1-8-19	ಪ್ರಕೃತಿ (ವೈಜ್ಞಾನಿಕ)	✓
22-8-19	ಬಾಹ್ಯದೊಳು ಕೃತಿ ಪರಿಚಯ (ವೈಜ್ಞಾನಿಕ)	✓
12-9-19	ಪ್ರಕೃತಿ ಚರ್ಮದ ವೈಶಿಷ್ಟ್ಯ (ವೈಜ್ಞಾನಿಕ)	✓
19-9-19	ವೈಜ್ಞಾನಿಕ ಕೃತಿ ಪರಿಚಯ	✓
26-9-19	ಪ್ರಕೃತಿ ಪರಿಚಯ	✓
15-8-19	ಪ್ರಕೃತಿ ಪರಿಚಯ	✓
1-8-19	ಪ್ರಕೃತಿ ಪರಿಚಯ	✓

SIGNATURE OF THE LECTURER

LECTURER-IN-CHARGE
DEPARTMENT OF BOTANY
Sri ASNM Govt. Degree College
PALAKOL - 534 280, W.G.D.

Sri A.S.N.M Govt College (A) Palakol

DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS 2019-2020

II CBZ

DATE	NAME OF THE TOPIC	REMARKS
31-7-19	ಪೊಷಣ - ಆಮ್ಲಕರ ಯಕ್ಷಿತರಣ	P. O. H.
1-8-19	ಯಂತ್ರ - ಡ್ರಾಂಗಿಂಗ್ ಯಕ್ಷಿತರಣ	P. O. H.
8-8-19	ICBN	P. O. H.
21-8-19	ಪೊಷಣ - ಪೊಷಣ ಲಕ್ಷಣಗಳು	P. O. H.
28-8-19	ಸುತ್ತ ಸಿದ್ಧ ಜೀವಜನನವು	P. O. H.
4-9-19	ಸ್ಥಿರ ಸಿದ್ಧ ಜೀವಜನನವು	P. O. H.
10-9-19	ವಲಯ: ಸಿದ್ಧ ಜೀವಿ ಯಕ್ಷಿತರಣ	P. O. H.
16-10-19	ಪೊಷಣದ-ರ ತರಣ	P. O. H.


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LECTURER-IN CHARGE
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Sri ASNM. Govt. Degree College
PALAKOL - 534 260, W.G.DL

Sri A.S.N.M Govt College (A) Palakol

DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS 2019-2020

III CBZ

DATE	NAME OF THE TOPIC	REMARKS
31-7-19	ಇಲೇಲಾಜಿಕಲ್ ವಿಶಯಗಳು	✓
9-8-19	ಪ್ರಮಾಣ ವರ್ಗೀಕರಣ ವ್ಯವಸ್ಥೆ	✓
12-9-19	ವ್ಯವಸ್ಥಿತ ಪದ್ಧತಿಗಳು	✓
26-9-19	ಮಂಡಲ್ ಅನುಕ್ರಮಣಿಕ ವಿವರಣೆ	✓
10-9-19	DNA ಕ್ರಿಯಾತ್ಮಕತೆ	✓
20-9-19	ಪ್ರೋಟೀನ್ ಸಂಶ್ಲೇಷಣೆ	✓

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DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS 2019-2020

I CBZ & MBBC

NO	DATE	NAME OF THE TOPIC	REMARKS
	5-12-19	marichantia T.5 of thallus	✓
	12-12-19	Archeogoneophore	✓
	20-12-19	L. male cone, female cone	✓
	27-12-19	marichantia rhizome	✓
	3-1-20	marichantia sporocarp	✓
	24-1-20	marichantia sporocarp	✓
	31-1-20	marichantia rhizome	✓
	7-2-20	funeria Capsul	✓
	20-2-20	evolution sporocarp Bryophyta	✓
	25-2-20	pteridophyta in Vascular Tissue	✓
	12-3-20	marichantia Archeogoneophore	✓

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DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS 2019-2020

II CBZ

NO	DATE	NAME OF THE TOPIC	REMARKS / sig . of con. lecturer
	3-12-19	Non-cyclic electron	P. S. H.
	10-12-19	Cyclic photophosphorylation	P. S. H.
	2-1-20	C ₃ Path way	P. S. H.
	29-1-20	C ₄ Path way	P. S. H.
	11-2-20	CAM cycle	P. S. H.
	17-2-20	Glycolysis	P. S. H.
	19-2-20	Crebs cycle	P. S. H.
	29-2-20	Electron transport system	P. S. H.
	4-3-20	Photo respiration.	P. S. H.

P. S. H.
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Sri A.S.N.M. Govt. Degree College
PALAKOL - 534 560, W.G.DL.

Sri A.S.N.M Govt College (A) Palakol

DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS 2019-2020

III CBZ

NO	DATE	NAME OF THE TOPIC	REMARKS
	7-12-19	plant tissue culture - gen.	P.S.
	13-12-19	somatic embryogenesis	P.S.
	21-12-19	r-DNA technology	✓
	28-12-19	restriction endonucleases	✓
	4-1-20	cloning vectors	✓
	1-2-20	transgenic plants	✓
	15-2-20	somatic embryo	P.S.
	29-2-20	endosperm culture	P.S.

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DEPARTMENT OF BOTANY
Sri ASNM. Govt. Degree College
PALAKOL - 524 260, W.G.Dt.

**SRI A.S.N.M. GOVERNMENT COLLEGE (A)
PALAKOL, W.G.DT.-534260.**



**STUDENT
ASSIGNMENTS**

2019-2020

DEPARTMENT OF COMPUTER SCIENCE

The Department of Computer Science (M.P.Cs, M.C.Cs) conducted assignments to all the First Year, Second year and Final year students for the Academic year 2019-2020 during the regular classes. The list questions given by the lecturers for **Semester-I** Paper-1 (Computer Fundamentals and Photoshop), **Semester-II** Paper-2 (Programming in C), **Semester -III** Paper-III (Object Oriented Programming using JAVA), **Semester-IV** Paper-IV (Data Structures), **Semester-V** Paper-V (DBMS), Paper-VI (Software Engineering) and **Semester- VI** Paper-VII (Web Technologies), Paper-VIII. B1(Distributed Systems), Paper-VIII. B2(Cloud Computing). Students write the assignment on given day by the lecturers, the details and list questions are given below. Marks are noted in assignment register.

List of Assignment Questions:

Semester-1, Paper-1 (Computers Fundamentals and Photoshop).

- 1.Explain different types of computers.
- 2.Explain various options in start menu.
- 3.Explain different storage devices.
- 4.Explain how to create ads in photoshop.
- 5.Explain how to create,hide and delete layers in photoshop.
- 6.Explain briefly about micro computers.
- 7.Explain how to cut,copy and paste in photoshop.
- 8.Explain blend modes in photoshop.
- 9.How to change background in photoshop.
- 10.Explain about input and output devices.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REMARKS
MPCS				
1	B.PADMA	5	5	
2	B.BALARAJU	4	5	
3	B.KIRAN KUMAR	5	5	
4	Ch.ASHOK KUMAR	5	5	
5	D.SAIBABU	5	5	
6	D.MUDDU SIVA	5	5	
7	G.SURESH KUMAR	5	5	
8	G.KALYAN KUMAR	4	5	
9	G.DINESH BABU	5	5	

10	J.MADHURI	5	5	
11	K.CHANDU	5	5	
12	K.SHALEMRAJU	5	5	
13	K.ISSAC	5	5	
14	K.BHARGAVI	5	5	
15	M.ADARSH	5	5	
16	M.BALAJI PRAVEEN	5	5	
17	N.PIONNA	5	5	
18	P.SYAM NARASIMHA	5	5	
19	P.LAKSHMI NARAYANA	5	5	
20	P.JAHNAVI	5	5	
21	S.RAJESH	5	5	
22	T.O.S.N.SARVESWARAN	5	5	
23	U.VIJAY KUMAR	5	5	
24	V.AMALAKUMARI	5	5	
25	V.VAMSI KRISHNA	5	5	
26	V.KOTA GANESH	5	5	
27	V.SHANMUKHA SAI	5	5	
28	Y.LAKSHMI MUKESH	5	5	
MCSS				
1	B.JAGADEESH	5	5	
2	J.BALAJI	5	5	
3	K.MANIKANTA	5	5	
4	K.MANOJ KUMAR	5	5	
5	M.MAHESH	AB	5	
6	M.VENKATRAO	5	5	
7	A.ASHOK KUMAR	5	5	
8	M.NAVEEN KUMAR	5	5	
9	S.JYOTHSWARA GANESH	5	5	
10	T.VINOD	5	5	

Semester-II , Paper-II (Programming in C).

1. Define Computer. Draw and explain architecture of computer?
2. What is an algorithm. Explain characteristics of algorithm?
3. What are the different types of decision control statement explain each?
4. Explain break and continue statements?
5. Write a program to generate first N terms of Fibonacci sequence?
6. What is an Array? Explain different types of arrays with examples.

7. Write a program to add two matrices.

8. Define string. Explain various string handling functions available in C.

9. Define recursion. Write a program to find the factorial of a given number using recursion.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REMARKS
MPCS				
1	B.PADMA	5	5	
2	B.BALARAJU	4	5	
3	B.KIRAN KUMAR	5	5	
4	Ch.ASHOK KUMAR	5	5	
5	D.SAIBABU	5	5	
6	D.MUDDU SIVA	5	5	
7	G.SURESH KUMAR	5	5	
8	G.KALYAN KUMAR	5	5	
9	G.DINESH BABU	5	5	
10	J.MADHURI	5	5	
11	K.CHANDU	5	5	
12	K.SHALEMRAJU	5	5	
13	K.ISSAC	5	5	
14	K.BHARGAVI	5	5	
15	M.ADARSH	5	5	
16	M.BALAJI PRAVEEN	5	5	
17	N.PIONNA	5	5	
18	P.SYAM NARASIMHA	5	5	
19	P.LAKSHMI NARAYANA	5	5	
20	P.JAHNAVI	5	5	
21	S.RAJESH	5	5	
22	T.O.S.N.SARVESWARAN	5	5	
23	U.VIJAY KUMAR	5	5	
24	V.AMALAKUMARI	5	5	
25	V.VAMSI KRISHNA	5	5	
26	V.KOTA GANESH	5	5	
27	V.SHANMUKHA SAI	5	5	
28	Y.LAKSHMI MUKESH	5	5	
MCCS				
1	B.JAGADEESH	5	5	
2	J.BALAJI	5	5	
3	K.MANIKANTA	5	5	
4	K.MANOJ KUMAR	4	5	

5	M.MAHESH	AB	5	
6	M.VENKATRAO	5	5	
7	A.ASHOK KUMAR	5	5	
8	M.NAVEEN KUMAR	5	5	
9	S.JYOTHIWARA GANESH	5	5	
10	T.VINOD	5	5	

Semester –III, Paper-III (Object Oriented Programming using JAVA).

1. Explain features ion JAVA.
2. Define Operator, Explain various Binary Operators.
3. Explain Conditional Statements in JAVA.
4. Write a Program find sum of in numbers by taking value from keyboard using Scanner class.
5. Define Interface implement multiple inheritance using interface.
6. Explain concept of Exception Handling.
7. Explain concept of thread life cycle.
8. Define applet, explain how to create applet with an example.
9. Explain the procedure to connect oracle database using JDBC-ODBC drivers.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REAMRKS
MPCS				
1	A.LAKSHMANRAO	AB	5	
2	B.PRAVEEN	5	5	
3	B.DHANUNJAY	5	5	
4	B.VENKATARAMANA	5	5	
5	Ch.S.R.N.L.D.VENNELA	5	5	
6	D.V.V.SAI ATISH	5	5	
7	D.PUSHPA SHANKAR	5	5	
8	G.KARTHIK	5	5	
9	I.N.S. VENKATA KRISHNA	5	5	
10	I.UMA SRINIVAS	5	5	
11	J.JAGADEESH	5	5	
12	K.PURNA CHANDU	5	5	
13	K.SANTHI RAJU	5	5	
14	K.DHANUSHBABU	5	5	

15	K.PRIYA DURGA	5	5	
16	M.VAISHALINI	5	5	
17	M.SREELATHA	AB	5	
18	P.LOKESHNADH	5	5	
19	P.KARUNAKAR	AB	5	
20	P.BHAGYASRI	5	5	
21	S.RAHUL	5	5	
22	S.L.V.N.SAI KUMAR	5	5	
23	S.DURGA PRASAD	5	5	
24	T.SRIVALLI	5	5	
25	T.MADHU SAGAR	5	5	
26	V.SUDHEER	5	5	
27	T.VILSON	5	5	
28	Y.PRATHAP	5	5	

Semester-IV , Paper-IV (Data Structures).

1. Explain about Binary search tree.
2. What is Linked list. Explain different types of linked lists in Data structures.
3. Explain different types of Arrays.
4. Explain different applications and properties of Binary tree.
5. What are the applications of Stacks?
6. Define Linear and Nonlinear Data structures.
7. What is searching explain Linear search.
8. Discuss about Graph Travelling techniques.
9. Explain Atomic linked list.
10. What is dequeue, what are the different techniques used to represent dequeue, explain.
11. What is stack write ADT, Explain various operations on Stack.
12. Discuss about the classification of Data structures.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REMARKS
MPCS				
1	A.LAKSHMANRAO	5	5	
2	B.PRAVEEN	5	5	

3	B.DHANUNJAY	5	5	
4	B.VENKATARAMANA	5	5	
5	Ch.S.R.N.L.D.VENNELA	5	5	
6	D.V.V.SAI ATISH	5	5	
7	D.PUSHPA SHANKAR	5	5	
8	G.KARTHIK	5	5	
9	I.N.S. VENKATA KRISHNA	5	5	
10	I.UMA SRINIVAS	5	5	
11	J.JAGADEESH	5	5	
12	K.PURNA CHANDU	5	5	
13	K.SANTHI RAJU	5	5	
14	K.DHANUSHBABU	5	5	
15	K.PRIYA DURGA	5	5	
16	M.VAISHALINI	5	5	
17	M.SREELATHA	AB	5	
18	P.LOKESHNADH	5	5	
19	P.KARUNAKAR	AB	5	
20	P.BHAGYASRI	5	5	
21	S.RAHUL	5	5	
22	S.L.V.N.SAI KUMAR	5	5	
23	S.DURGA PRASAD	5	5	
24	T.SRIVALLI	5	5	
25	T.MADHU SAGAR	5	5	
26	V.SUDHEER	5	5	
27	T.VILSON	5	5	
28	Y.PRATHAP	5	5	

Semester-V , Paper-V (DBMS).

1. Define DBMS. Explain classification of DBMS
2. Explain file based system versus DBMS.
3. What is Database? Discuss various data models.
4. What is DBMS? Explain levels of abstraction in Database.
5. Explain subqueries.
6. Explain various types of Keys.
7. What is Specialization and Generalization.
8. Explain types of Triggers in detail.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REAMRKS
MPCS				
1	A.Ch.D.MALLESWARARO	5	5	
2	A.L.N.SAIVARMA	5	5	
3	B.MARY	5	5	
4	Ch.A.MANIKANTA	5	5	
5	Ch.TULASI DURGA	5	5	
6	G.CHANDRA SEKHAR	5	5	
7	G.K.SURYA MOUNIKA	5	5	
8	J.GOPI VARA PRASAD	5	5	
9	K.SURESH KUMAR	5	5	
10	M.V.V.SATYANARAYANA REDDY	5	5	
11	M.VIDYA SAGAR	5	5	
12	P.PAVAN	5	5	
13	T.SAMUEL	5	5	
14	Y.V.V.SATYANRAYANA	5	5	

Semester-V , Paper-VI (Software Engineering).

- 1) What is SDLC? ...
- 2) What are the various models available in SDLC? ...
- 3) Explain the term Baseline. ...
- 4) What are the responsibilities of a Software Project Manager? ...
- 5) What is Cohesion? ...
- 6) What is Coupling? ...
- 7) Explain the concept of Modularization.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REAMRKS
MPCS				
1	A.Ch.D.MALLESWARARO	5	5	
2	A.L.N.SAIVARMA	5	5	
3	B.MARY	5	5	
4	Ch.A.MANIKANTA	5	5	
5	Ch.TULASI DURGA	5	5	
6	G.CHANDRA SEKHAR	5	5	
7	G.K.SURYA MOUNIKA	5	5	
8	J.GOPI VARA PRASAD	5	5	
9	K.SURESH KUMAR	5	5	
10	M.V.V.SATYANARAYANA REDDY	5	5	
11	M.VIDYA SAGAR	5	5	

12	P.PAVAN	5	5	
13	T.SAMUEL	5	5	
14	Y.V.V.SATYANRAYANA	5	5	

Semester- VI, Paper-VII (Web Technologies).

1. Explain concept of web services .
2. Briefly explain Document Object Model (DOM).
3. Explain about data validation with an example.
4. How does a web service work.
- 5.What is web service.

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MPCS				
1	A.Ch.D.MALLESWARARO	5	5	
2	A.L.N.SAIVARMA	5	5	
3	B.MARY	5	5	
4	Ch.A.MANIKANTA	5	5	
5	Ch.TULASI DURGA	5	5	
6	G.CHANDRA SEKHAR	5	5	
7	G.K.SURYA MOUNIKA	5	5	
8	J.GOPI VARA PRASAD	5	5	
9	K.SURESH KUMAR	5	5	
10	M.V.V.SATYANARAYANA REDDY	5	5	
11	M.VIDYA SAGAR	5	5	
12	P.PAVAN	5	5	
13	T.SAMUEL	5	5	
14	Y.V.V.SATYANRAYANA	5	5	

Paper-VIII.B1(Distributed Systems).

- 1.Explain about distributed computing systems.
- 2.Explain about system models.
- 3.Write Features of message passing system.
- 4.Explain stub generation and RPC messages.
- 5.Explain about client server binding.
- 6.Write about DSM advantages.
- 7.Explain about deadlock.
- 8.Explain about process migration.

9.Explain about different file accessing models.

10.Explain about Digital Signatures.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REAMRKS
MPCS				
1	A.Ch.D.MALLESWARARO	5	5	
2	A.L.N.SAIVARMA	5	5	
3	B.MARY	5	5	
4	Ch.A.MANIKANTA	5	5	
5	Ch.TULASI DURGA	5	5	
6	G.CHANDRA SEKHAR	5	5	
7	G.K.SURYA MOUNIKA	5	5	
8	J.GOPI VARA PRASAD	5	5	
9	K.SURESH KUMAR	5	5	
10	M.V.V.SATYANARAYANA REDDY	5	5	
11	M.VIDYA SAGAR	5	5	
12	P.PAVAN	5	5	
13	T.SAMUEL	5	5	
14	Y.V.V.SATYANRAYANA	5	5	

Paper-VIII.B2(Cloud Computing).

1.Explain about cloud components.

2.Explain about essential characteristics.

3.Explain about security benefits.

4.Explain cloud architecture.

5.Explain about salesforce.

6.Write IaaS service providers.

7.Explain about client deployment model.

8.Explain advantages of cloud computing.

9.Explain about virtualization.

10.Explain about desktop virtualization.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REAMRKS
MPCS				
1	A.Ch.D.MALLESWARARO	5	5	
2	A.L.N.SAIVARMA	5	5	
3	B.MARY	5	5	
4	Ch.A.MANIKANTA	5	5	

5	Ch.TULASI DURGA	5	5	
6	G.CHANDRA SEKHAR	5	5	
7	G.K.SURYA MOUNIKA	5	5	
8	J.GOPI VARA PRASAD	5	5	
9	K.SURESH KUMAR	5	5	
10	M.V.V.SATYANARAYANA REDDY	5	5	
11	M.VIDYA SAGAR	5	5	
12	P.PAVAN	5	5	
13	T.SAMUEL	5	5	
14	Y.V.V.SATYANRAYANA	5	5	

SRI A.S.N.M GOVERNMENT COLLEGE (A),
PALAKOL, W.G.DT-534260.



Student Assignments

2019-2020

DEPARTMENT OF MATHEMATICS

The Department of Mathematics conducted Assignments to all the First Year, Second year and Final year students for the Academic year 2019-2020 during the regular classes. The list questions given by the lecturers for Paper-I (Differential equations), Paper-2 (Solid Geometry), Paper-III (Group Theory), Paper-IV (Real Analysis), Paper-V (Ring theory and Vector Calculus) Paper-VI (Linear Algebra), Paper-VII (Numerical Analysis) and Mathematics Cluster Papers. Students write the assignment on given day by the lecturers, the details and list questions are given below. Marks are noted in assignment register.

Assignment questions: Differential Equations

1. Solve $x^2y \, dx - (x^3 + y^3)dy = 0$
2. Solve $\frac{dy}{dx} + \frac{y}{x} = y^2 x \sin x, x > 0$
3. Solve $p^2 + 2py \cot x = y^2$
4. Solve $(D^2 + 3D + 2)y = xe^x \sin x$
5. Solve $(D^2 + a^2)y = \tan ax$ by the method of Variation of Parameters

Assignment questions: Solid Geometry

1. Find the bisecting plane of the acute angle between the planes $3x-2y-6z+2=0$, $-2x+y-2z-2=0$
2. Find the image of the line $\frac{x-1}{2} = \frac{y-2}{3} = \frac{z-3}{4}$ in the plane $x+y+z=1$
3. Find the equation of the Sphere passing through the circle $x^2 + y^2 = 4, z = 0$ and is intersected by the plane $x + 2y + 2z = 0$ in a circle of radius 3
4. Show that the the two circles $x^2 + y^2 + z^2 - y + 4z = 0, x - y + z = 2, x^2 + y^2 + z^2 + x - 3y + z - 5 = 0, 2x - y + 4z - 1 = 0$ lie on the same sphere
5. Find the equation of the right circular cone whose vertex is $P(2,-3,5)$, axis PQ which makes equal angles with the axes and semi-vertical angle 30°

Assignment questions: Group theory

1. Prove that in a Group G , for $a, b, x, y \in G$ the equation $ax=b$ and $ya=b$ have unique solutions
2. State and prove Lagrange's theorem
3. State and prove fundamental theorem of homomorphism on groups
4. State and prove Caley's theorem
5. Every finite Integral Domain is a Field

Assignment questions: Real Analysis

1. State and prove Monotone Sequence theorem
2. State and prove Ratio Test
3. Examine the continuity of f by $f(x) = |x| + |x - 1|$ at $x=0,1$
4. State and prove Rolle's theorem
5. State and prove fundamental theorem on integral calculus

Assignment questions: Linear Algebra

1. Necessary and Sufficient Condition for W to be a Subspace of V is
 $a, b \in F$ and $\alpha, \beta \in W \Rightarrow a\alpha + b\beta \in W$
2. Let W be a subspace of a FDVS $V(F)$ then $\dim\left(\frac{V}{W}\right) = \dim V - \dim W$
3. State and prove Rank-Nullity theorem
4. State and prove Caley-Hamilton theorem
5. State and prove Cauchy-Schwarz Inequality

Assignment questions: Ring Theory and Vector Calculus

1. The Characteristic of an integral domain is either a prime or zero
2. State and prove fundamental theorem of homomorphism of on Rings
3. If $a = x + y + z$, $b = x^2 + y^2 + z^2$, $c = xy + yz + zx$; then prove that $[\text{grad } a, \text{grad } b, \text{grad } c] = 0$.
4. State and prove Gauss Divergence theorem
5. State and prove Stoke's theorem

Assignment questions: Numerical Analysis

1. State and prove General error formula of function of n variables
2. Find a real root of the equation $x \log_{10} x = 1.2$ by using Regula-Falsi method
3. State and prove Gauss Backward Interpolation formula
4. State and prove Newton Divided difference formula
5. State and prove Lagrange's interpolation formula

Assignment questions: Special Functions

1. Prove that $\int_{-\infty}^{+\infty} e^{x^2} H_n(x) H_m(x) dx = \begin{cases} 0 & \text{if } m \neq n \\ \sqrt{\pi} x^2 n! & \text{if } m = n \end{cases}$
2. Prove that $L_n(x) = \frac{e^x}{n!} \frac{d^n}{dx^n} (x^n e^{-x})$
3. Prove that $P_n(x) = \frac{1}{n! 2^n} \frac{dy}{dx} (1 - x^2)^n$
4. Prove that $x J_n'(x) = n J_n(x) - x J_{n+1}(x)$
5. Prove that $\beta(l, m) = \frac{\Gamma(l) \Gamma(m)}{\Gamma(l+m)}$.

6.

2019-2020

TBSA(NPC)

S.NO	Name of the Student	Semester 1	Semester 2
1.	A. Navya sri	10 10	08 07
2.	B. Naga Suga madhavi	10 10	10 10
3.	Ch. Radha	09 09	08 09
4.	G. Rupendra	10 10	10 10
5.	G. Bhavani	08 09	09 09
6.	G. Hanga layalu	Ab Ab	Ab Ab
7.	G. Neelima rani	Ab 08	06 08
8.	M. Surya prametha	08 08	08 05
9.	N. Lavanya	10 10	10 10
10.	P. Lakshmi babu	05 08	07 06
11.	R. Lakshmi Sirisha	10 10	10 10
12.	T. Jahnavi	10 10	10 10
13.	T. Yesu mani	08 09	09 09
14.	V. Sri vallika	10 10	10 10
15.	Y. Venkata Lakshmi	10 10	10 10
16.	Chadala - Deepthi	10 10	10 10
17.	Ch. Naga Lakshmi	10 10	10 10
18.	D. Srinu	07 07	08 08
19.	K. Yamini	08 09	10 10
20.	K. Sai Lakshmi	10 10	10 10
21.	M. Vijaya Tyothi	10 10	09 09
22.	M. Suga Bhavani	10 10	07 08
23.	M. Naga mani	09 09	08 09
24.	N. Nameswari	10 10	10 10
25.	N. Ratnapal	07 09	07 07
26.	P. Sivakrishna	08 09	08 08
27.	T. Basava mahendra	09 09	05 07
28.	Y. Sai mutyalu	10 10	08 09

2019-2020

T BSC (HPC S.)

S.NO	Name of the student	SEM-I		SEM-II	
1.	B. Padma	09	10	10	10
2.	B. Balaji	06	08	10	10
3.	B. Kiran Kumar	07	10	08	10
4.	Ch. Ashok Kumar	10	10	10	10
5.	D. Saibabu	06	10	09	10
6.	D. M. Siva	10	10	10	10
7.	G. Suresh Kumar	08	10	08	08
8.	G. Kalyan Kumar	09	10	08	09
9.	G. Dimesh Babu	09	10	04	06
10.	J. Madhuri	10	10	10	10
11.	K. Chandu	09	10	08	09
12.	K. Shaleen Raju	09	10	10	10
13.	K. ISSAC	10	10	10	10
14.	K. Bhargavi	10	10	10	10
15.	M. Balaji Praveen	10	10	10	10
16.	N. Pionna	10	10	10	10
17.	P. Sham Narasimha	10	10	10	10
18.	P. Lalshmi Narayana	10	10	10	10
19.	P. Jahnavi	10	10	10	10
20.	S. Rajesh	09	10	10	10
21.	T. S. N. Srinivasa Rao	10	10	10	10
22.	U. Vijay Kumar	08	10	10	10
23.	V. Amala Kumar	10	10	10	10
24.	V. Vamsi Krishna	10	10	08	08
25.	V. K. Ganesh	10	10	10	10
26.	V. Shanukhasai	10	10	10	10
27.	Y. Lakshmi mukesh	10	10	10	10

		2019-2020		Page No. :	
		T(mccs)		Date :	
S.No	Name of the student	SEM-I		SEM-II	
1.	B. Jagadeesh	10	10	10	10
2.	J. Balaji	10	10	10	10
3.	K. Mani kanta	10	10	10	10
4.	K. manoj kumar	10	10	10	10
5.	M. Mahesh	-	-		
6.	M. Venkat Rao	10	10	10	10
7.	M. Ashok Kumar	10	10	10	10
8.	M. Naveen Kumar	10	10	10	10
9.	S. Jyothi swara Ganesh.	10	10	08	08
10	T. Vimod.	10	10	09	09

2019-2020						
IIBSc(MPC)						
<div>Page No: _____</div> <div>Date: _____</div> <div>Semester-3</div>						
S.NO	Name of the student	SEM-3	Paper-1	SEM-3	Paper-2	Paper-4
1.	B. kishore	10	10		10	10
2.	B.H. Kiran.	10	10		10	10
3.	B. Kotarwada Rao	10	09		AB	AB
4.	Ch. M. J. S. Surya	08	10		AB	AB
5.	D. Swababu	09	10		08	10
6.	D. Veera Babu.	08	10		09	10
7.	G. Siva Kumar.	10	10		10	10
8.	G. Divya	10	10		10	10
9.	I. Ashok	09	10		10	10
10.	Ic. Durga pallayya.	08	10		09	10
11.	K. Nagendra.	10	10		10	10
12.	K. phanendra kumar.	10	09		08	09
13.	K. Jejeswara Rao	08	10		10	10
14.	K. Durga Rao	10	10		10	10
15.	K. N. L. Tulasi	10	10		10	10
16.	K. Srihari	10	10		10	10
17.	K. Keerthi	10	10		10	10
18.	K. Sravani	10	10		10	10
19.	M. V. S. Dhanasri	10	10		10	10
20.	M. Venu.	09	10		10	10
21.	N. Sunny kishore	08	10		10	09
22.	N. Syam Srinivas	10	10		10	10
23.	P. Narasimha	-	-		-	-
24.	R. Sarigetha	10	10		10	10
25.	R. Dava Dasu	10	10		10	10
26.	R. Pavan Kalyan.	-	-		-	-
27.	S. K. peddi Raju	09	10		10	10
28.	T. Durga Ganesh	08	10		10	10
29.	Y. Sai Durga Bhavani	10	10		10	10
30.	P. Sai Prasanna	10	10		10	10






2019-20						
II BSC (MPCE)						
Page No: _____						
Date: _____						
S.NO	Name of the student	Semester-I paper-I			Semester-II paper-II	
1.	A. Lakshmana Rao	-	-	-	-	-
2.	B. praveen	10	10		09	10
3.	B. DhanuTaya	08	08		10	10
4.	B. venkata Ramana	10	10		08	10
5.	Ch. S.R.N.L.D. vineela	10	10		10	10
6.	D.V.V. sai satish.	10	10		10	10
7.	D. Naresh.	-	-			
8.	D. pushpa Sanakar	10	10		09	10
9.	G. Icaathile	10	10		08	10
10.	T. N.S.V. Krishna	10	10		10	10
11.	I. uma Srinivas	10	10		10	10
12.	J. Jagadish.	09	10		08	10
13.	lc. puema chand.	09	10		07	10
14.	K. Santhi Raju.	10	10		10	10
15.	K. Dhareesh Babu.	10	10		10	10
16.	K. priya Durga	10	10		10	10
17.	M. vaishalini	10	10		10	10
18.	M. sailatha	-	-		-	-
19.	P. Lokesh nadh	10	10		09	09
20.	P. karuna lea	-	-		-	-
21.	R. Bhagya sor	10	10		10	10
22.	S. Rahul	08	08		09	09
23.	S. L.V.V. saikumar	10	10		10	10
24.	S. Durga prasad	10	10		09	10
25.	T. Sai Valli	10	10		08	10
26.	T. madhu Sagar	09	10		06	10
27.	V. Sudheer	09	10		08	10
28.	T. Wilson	08	10		09	10
29.	Y. Pratap.	08	10		08	10

		2019-2020		Page No: -	
		III BSc(MPC)		Date: -	
S.No	Name of the student -	Semester - II paper - 5		Semester - IV paper - 6	
1.	A. Durga Sai	08	08	10	10
2.	A. Ramya	10	10	10	10
3.	B. D. malumika	-	-	-	-
4.	E. Dhanunjay	08	08	10	10
5.	G. Y. S. S. Durga prasad	-	-	-	-
6.	G. Krishna Vamsi	08	08	07	09
7.	G. Krishna Sai	07	07	09	07
8.	J. S. N. phanendra	08	09	09	09
9.	K. Ramesh	05	06	08	08
10.	K. Durga prasad	07	07	08	08
11.	K. Yogesh	08	08	09	10
12.	N. Chandra Sekhar	10	10	10	10
13.	P. Rampal	-	-	-	-
14.	P. Ramya Krishna	-	-	-	-
15.	S. Kumar Raja	10	10	10	10
16.	Sriram reddy	07	07	10	10
17.	T. V. Pavan Kumar	10	10	10	10
18.	Y. Satya Venkata Sairam	05	06	08	09
19.	T. N. V. S. Ramesh	06	06	10	10
20.	M. Pavan gopal Krishna	06	06	10	10

		2019-2020		Page No :		Date :	
		III BSc (MPCs)		Semester-II		Semester-I	
S.NO	Name of the student	paper-5		paper-6			
1.	A. C. Durga Malleswara Rao	10	10			09	09
2.	A. Leela prasad	-	-			-	-
3.	A. L. Naga Sai Varma	10	10			10	10
4.	B. Venkatesh	-	-			-	-
5.	B. Masy	10	10			10	10
6.	Ch Adinankanta	08	08			09	08
7.	Ch. Tulasi Durga	08	09			10	10
8.	G. Chandra Sekhar	08	08			09	09
9.	G. K. swaya mounika	06	07			10	10
10.	J. Gopi Vasa prasad	10	10			10	10
11.	K. Suresh Kumar	09	09			10	10
12.	M. V. V. Satyanarayana Reddy	09	09			09	10
13.	M. Vidya Sagar	05	05			10	10
14.	P. Yesteru Rani	-	-			-	-
15.	P. pavan	08	08			10	10
16.	S. Saikrishna prasad	-	-			-	-
17.	T. Samuel	06	07			10	10
18.	T. S. sundara kishore	-	-			-	-
19.	Y. V. V. Satyanarayana	05	05			10	10
20.	Ch. Mohana Krishna	-	-			-	-

I B.Sc. (MPC & MPES)
Sem-I Paper-1

16 Department of Physics

S.No.	Month	Name of the Topic	2019-20 Signature
1	June	Gauss & Stoke's Theorems	
2	July	Rutherford Scattering	
3	August	Relation betn χ , n , k	
4	September	Kepler's Laws of Planetary Motion	
5	October	Michelson's Interference Experiment	

II B.Sc. (M.P.C. & M.P.C.S.)
Sem-II Paper-3

17 2019-20

S.No.	Month	Name of the Topic	Signature
1	June	Aberrations - Chromatic & Spherical Achromatism & Achromatic Doublet	murthy
2	July	Interference - Fresnel's Biprism, Michelson Interferometer, Coarses in thin film.	murthy
3	August	Diffraction - Plane transmission diffraction Grating, zone plate.	murthy
4	September	Polarisation - Nicol Prism, Half shade polarimeter Malus Law, Brewster's Law.	murthy
5	October	Lasers and Holography - Ruby, He-Ne laser Laser Applications, Principles of Holography	murthy
		Fiber optics - Fiber optic communication, Fiber materials, Applications	murthy
		Problems - Aberrations, Interference, Polarization Practical Formulae & Tabular Forms	murthy