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SRI ASNM GOVERNEMENT (A) COLLEGE, PALAKOL.

DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS

SI.NO	DATE	NAME OF THE TOPIC	REMARKS
1	5-12-17	Nursery Management	***
2	19-12-17	Ethno Botanp	7
3	19-1-18	Enamental planty.	7
4	13-2-18	W.W.f. N.B.P.G.R	th/
6	27-2-18	Medicinal plants.	The
7	2-3-18	Bonçai Plante.	the
	13-3-18	vaccines.	4 /
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NATURE OF THE LECTURER

LECTURER IN-CHARGE DEPARTMENT OF BOTANY Sri ASNM. Gove Degree College PALAKOL - 534 260, W.G.DL

2017-2018 - IBZC.

SRI ASNM GOVERNEMENT (A) COLLEGE, PALAKOL.

DEPARTMENT OF BOTANY

STUDENT ASSIGNMENTS

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SI.NO	DATE	NAME OF THE TOPIC	REMARKS
1	30-11-17	Evolution of spoophytes.	***
2	7-12-17	5-tclor Evolution in 19-8	7
3	28-12-17	Economic importance	7
4		Marchant 10	4
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6	22-3-17.	Marsilea. Pinus.	
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SIGNATURE OF THE LECTURER

LECTURER IN-CHARGE DEPARTMENT OF BOTANY Sri ASNM, Govt. Degree College PALAKOL - 534 260, W.G.Dt.

2017-2018 II BZC.

SRI ASNM GOVERNEMENT (A) COLLEGE, PALAKOL.

DEPARTMENT OF BOTANY STUDENT ASSIGNMENTS

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SI.NO	DATE	NAME OF THE TOPIC	DEMARKS
1	20		REMARKS
2	29-11-17	Ascent do saf	4
	13-12-17		
3	3-1-18	Transpiration.	The state of the s
4	7 0 10	Nitrogen Metabolism	The
5	7-2-18	Ghycolysis, Krebs.	7/
	28-3-18	Aukins, Gtokinins.	4
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SIGNATURE OF THE LECTURER

LECTURER-IN-CHARGE DEPARTMENT OF BOTANY Sri ASMM. Govt. Degree College FALAKOL - 534 260, W.G.DL

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



STUDENT ASSIGNMENTS

2017-2018

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 2017-2018 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 (Computer 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	MPCS						
1	A.Ch.D.MALLESWARARO	5	5				
2	A.LEELA PRASAD	3	5				
3	A.L.N.SAIVARMA	5	5				
4	B.VENKATESH	5	5				
5	B.MARY	5	5				

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

7	Ch.TULASI DURGA	5	5	
8	G.CHANDRA SEKHAR	5	5	
9	G.K.SURYA MOUNIKA	5	5	
10	J.GOPI VARA PRASAD	5	5	
11	K.SURESH KUMAR	5	5	
12	M.V.V.SATYANARAYANA REDDY	5	5	
13	M.VIDYA SAGAR	2	5	
14	P.YESTERURANI	5	5	
15	P.PAVAN	5	5	
16	S.SAI KRISHNA PRASAD	AB	5	
17	T.SAMUEL	2	5	
18	KISHORE	AB	5	
19	Y.V.V.SATYANRAYANA	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	REMARKS				
MPCS	MPCS							
1	G.BALA GANGADHAR	5	5					
2	A.SAIDURGA PRASAD	5	5					
3	B.MOHANSAI	5	5					
4	Ch.D.V.PHANI KUMAR	5	5					
5	Ch.CHARAN	5	5					
6	Ch.MOHANKRISHNA	AB	5					

8 Chrohinidurga 5 5 9 D.TEJA 5 5 10 N.D.RAJYALAKSHMI 5 5 11 K.SANDEEP KUMAR 5 5 12 K.J.CL.SANDEEP 5 5 13 KOTA SANDEEP 5 5 14 M.HEMALATHA 5 5 15 MLAKSHMI BINDU 5 5 16 M.GEETHIKA 5 5 17 M.SATYAVARDHAN 5 5 18 N.SAI KUMAR 5 5 19 N.PREETHAM 5 5 20 P.HEMACHANDU 5 5 21 P.MADHUBALA 5 5 22 PILLI RAJESH 5 5 23 R.VIJAYABABU 5 5 24 P.CHITTIBABU 5 5 25 T.SAHITHI 5 5 26 V.AKSHITH 5 5 <	7	Ch DOD AD AD I	5	5	
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24 P.CHITTIBABU 5 5 25 T.SAHITHI 5 5 26 V.AKSHITH 5 5 27 V.SATYA MAHESH 5 5 28 Y.SATHISH 5 5 29 M.PRABHU 5 5 30 V.RAJEEV CHANDRA 5 5 31 D.PRAVEEN RAJ 5 5	22	PILLI RAJESH	5	5	
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27 V.SATYA MAHESH 5 5 28 Y.SATHISH 5 5 29 M.PRABHU 5 5 30 V.RAJEEV CHANDRA 5 5 31 D.PRAVEEN RAJ 5 5	25	T.SAHITHI	5	5	
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30 V.RAJEEV CHANDRA 5 5 5 31 D.PRAVEEN RAJ 5 5	28	Y.SATHISH	5	5	
31 D.PRAVEEN RAJ 5 5	29	M.PRABHU	5	5	
JI D.I.KA VEEN KAJ	30	V.RAJEEV CHANDRA	5	5	
32 Y.NAGA SAIRAM 5 5	31	D.PRAVEEN RAJ	5	5	
	32	Y.NAGA SAIRAM	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	1	1	1
1	G.BALA GANGADHAR	5	5	
2	A.SAIDURGA PRASAD	4	5	
3	B.MOHANSAI	4	5	
4	Ch.D.V.PHANI KUMAR	4	5	
5	Ch.CHARAN	4	5	
6	Ch.MOHANKRISHNA	AB	5	
7	Ch.DORABABU	4	5	
8	Ch.ROHINI DURGA	4	5	
9	D.TEJA	4	5	
10	N.D.RAJYALAKSHMI	5	5	
11	K.SANDEEP KUMAR	4	5	
12	K.J.Ch.SANDEEP	AB	5	
13	KOTA SANDEEP	5	5	
14	M.HEMALATHA	5	5	
15	M.LAKSHMI BINDU	5	5	
16	M.GEETHIKA	5	5	
17	M.SATYAVARDHAN	4	5	
18	N.SAI KUMAR	5	5	
19	N.PREETHAM	AB	5	
20	P.HEMACHANDU	5	5	
21	P.MADHUBALA	4	5	
22	PILLI RAJESH	5	5	
23	R.VIJAYABABU	5	5	
24	P.CHITTIBABU	5	5	
25	T.SAHITHI	5	5	
26	V.AKSHITH	5	5	
27	V.SATYA MAHESH	4	5	
28	Y.SATHISH	4	5	
29	M.PRABHU	5	5	

30	V.RAJEEV CHANDRA	5	5	
31	D.PRAVEEN RAJ	4	5	
32	Y.NAGA SAIRAM	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	REMARKS
MPCS				
1	B.VENKAT	5	5	
2	J.S.CHANDRARAO	5	5	
3	K.V.V.DURGA	5	5	
4	K.SHIRDI SATHISH	5	5	
5	M.DUIRGA PRASAD	5	5	
6	M.SURYA PRAKASH	5	5	
7	V.SIREESHA	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	REMARKS
MPCS				•
1	B.VENKAT	5	5	
2	J.S.CHANDRARAO	5	5	
3	K.V.V.DURGA	5	5	
4	K.SHIRDI SATHISH	5	5	
5	M.DUIRGA PRASAD	5	5	
6	M.SURYA PRAKASH	5	5	
7	V.SIREESHA	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.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REMARKS
MPCS			•	<u>.</u>
1	B.VENKAT	5	5	
2	J.S.CHANDRARAO	5	5	
3	K.V.V.DURGA	5	5	
4	K.SHIRDI SATHISH	4	5	
5	M.DUIRGA PRASAD	5	5	
6	M.SURYA PRAKASH	5	5	
7	V.SIREESHA	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	REMARKS
MPCS				
1	K.V.V.DURGA	5	5	
2	K.SHIRDI SATHISH	4	5	
3	M.DUIRGA PRASAD	5	5	
4	M.SURYA PRAKASH	5	5	
5	V.SIREESHA	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 virtuialization.
- 10.Explain about desktop virtualization.

S.NO	NAME OF THE STUDENT	ASSIGNMENT-1	ASSIGNMENT-2	REMARKS
MPCS				
1	K.V.V.DURGA	5	5	
2	K.SHIRDI SATHISH	5	5	
3	M.DUIRGA PRASAD	5	5	
4	M.SURYA PRAKASH	5	5	
5	V.SIREESHA	5	5	

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



Student Assignments

2017-2018

DEPARTMENT OF MATHEMATICS

Students Assignments 2017-2018

The Department of Mathematics conducted Assignments to all the First Year, Second year and Final year students for the Academic year 2017-2018 during the regular classes. The list questions given by the lecturers for Paper-1 (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 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

Students Assignments 2017-2018

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 [grad a, grad b, 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
$$\int_{-\infty}^{+\infty} e^{x^2} Hn(x)Hm(x)dx = \{ \frac{0}{\sqrt{\pi}x^2 n!} \frac{if \ m \neq n}{if \ m = n}$$

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
$$xJ_{n}'(x) = nJ_{n}(x) - xJ_{n+1}(x)$$

5. Prove that
$$\beta(l,m) = \frac{\lceil l \rceil m}{\lceil l + m \rceil}$$
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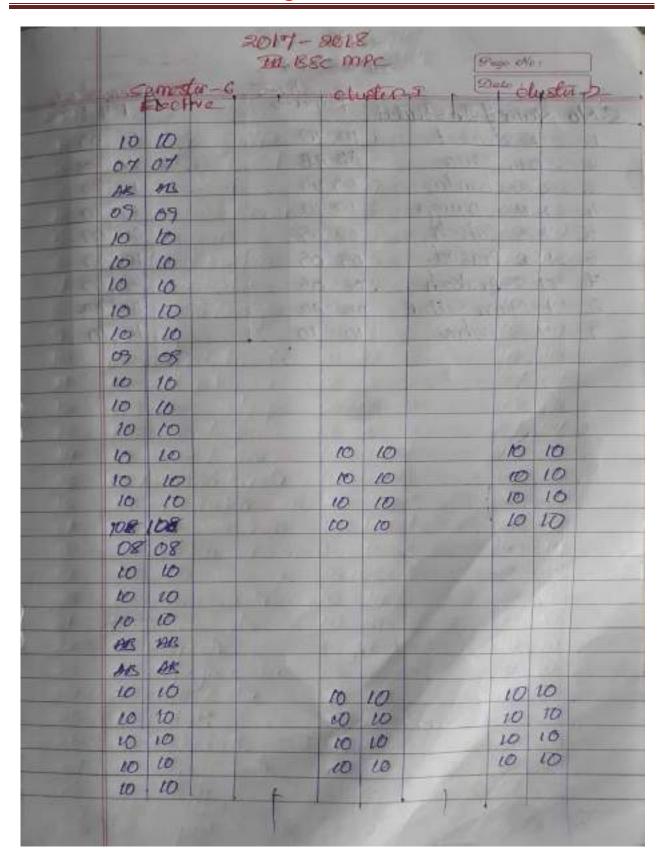
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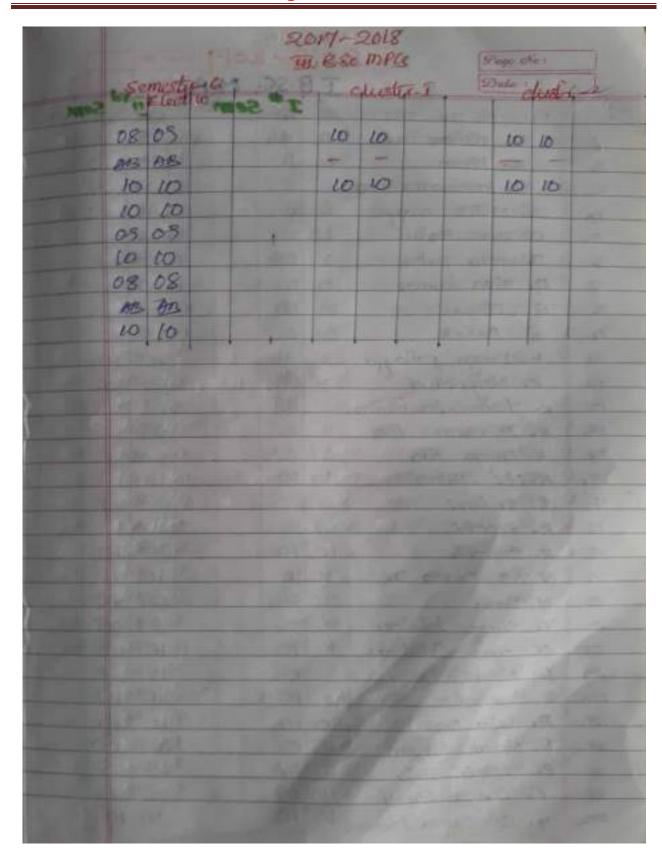
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