

AN OVERVIEW OF CREDIT BASED GRADING SYSTEM FOR EVALUATION OF THREE YEAR DIPLOMA

In this system student shall be awarded equivalent grades (after valuation of answer copies) as per the table given below -

Grade	% marks range	Grade point	Description of performance
A ⁺	91-100	10	Outstanding
A	81-90	09	Excellent
B ⁺	71-80	08	Very good
B	61-70	07	Good
C ⁺	51-60	06	Average
C	41-50	05	Satisfactory
D	31-40	04	Marginal
F	30 & below	00	Fail
I	-	00	Incomplete
W	-	00	Withdrawal

- Each course/subject will have assigned credits represented in scheme of studies/examination which is attached here as an example for reference

COURSE TITLE	PAPER CODE	THEORY COMPONENT								PRACTICAL COMPONENT								
		LECTURES	CE			THEORY PAPER			THEORY CREDIT	CONTINUOUS EVALUATION	END OF THE TERM/ SEMESTER EVALUATION			PRACTICAL CREDIT	TOTAL CREDIT	GRAND TOTAL OF MARKS		
			Hrs. Per Week	TERM WORK QUIZ, ASSIGNMENT	MID TERM TEST (TWO)		NO.	MARKS/weightage			DURATION (Hrs)	LAB. WORK QUIZ, ASSIGNMENT	PRACTICAL / ORAL EXAMINATION (VIVA)					
					I	II							NO.				MARKS	DURATION (Hrs)
COMMUNICATION SKILLS	5161	06	10	10	10	01	70	3	04	..	..	..	..	..	..	04	100
PHYSICS	6031	06	10	10	10	01	70	3	04	04	20	01	30	3	02	06	150	
CHEMISTRY	6032	06	10	10	10	01	70	3	04	04	20	01	30	3	02	06	150	
MATHEMATICS	6033	08	10	10	10	01	70	3	04	..	..	..	..	..	..	04	100
PROFESSIONAL ACTIVITIES (PA)	.....	..	..	..	..	..	..	..	..	02							
TOTAL	.....	26	40	40	40	04	280		16	10	40	02	60		04	20	500

- As per the scheme ,student shall be continuously evaluated through quizzes, assignments and mid term tests.
- To qualify a particular subject or course the minimum required grade is D and the candidate should separately score minimum D grade in end semester examination of theory and practical parts of the subject.

HOW TO GET BETTER GRADES

Observe the following marks obtained in a particular subject by various candidates

S.no.	Marks obtained in end sem.exam out of 70(min required 22)	Q/A	M I	M II	Total	Grade	Grade point
CASE I	30	-	-	-	30	F	00
CASE II	30	05	05	05	45	C	05
CASE III	30	07	07	07	51	C ⁺	06
CASE IV	35	08	08	08	79	B ⁺	08
CASE V	35	-	-	-	35	D	04

In CASE I-The total marks obtained is 30, which is less than 31 required for passing ,hence failed and grade point is 0, (there is no contribution of the CE component .)

In CASE II- the sum of marks at end sem and that of CE (Q/A+ M I+ M II) is 45 ,thus C grade with grade points 5

In CASE III- the sum of marks at end sem and that of CE (Q/A+ M I+ M II) is 51 ,thus C⁺ grade with grade points 6

If these cases are compared , in all the cases the performance is same in end semester exam, but the component (Q/A+ M I+ M II) plays an important role in passing and improving the grades.

In CASE IV- the sum of marks at end sem and that of CE (Q/A+ M I+ M II) is 79 ,thus B⁺ grade with grade points 8

In CASE V- the sum of marks at end sem and that of CE (Q/A+ M I+ M II) is 35 ,thus D grade with grade points 4

If these cases IV & V are compared the performance in end semester is same but component (Q/A+ M I+ M II) played an important role in improving the grades of case IV.

- ❖ Thus it may be concluded as , CE component is important to pass a particular subject and to get good grades
- ❖ also preparation for CE improves the performance at the end semester
- ❖ so to get the advantage of the system.
 - **Be regular to college.**
 - **Attend all theory and practical classes.**
 - **Attend all quizzes and assignments.**
 - **Take mid semester examination with preparation.**
 - **definitely, this will help in improvement of performance in end semester examination which improves the overall performance and grade points.**

WHAT IS SGPA

A student registered for courses in a semester after taking examination shall be awarded grades in individual subjects and the performance of the students in the entire semester is evaluated as SGPA (semester grade point average)

CALCULATION OF SGPA

$$SGPA = \frac{\sum_{i=1}^n C_i P_i}{\sum_{i=1}^n C_i}$$

C_i is the number of credits for i th subject
 P_i is the grade points earned for i th subject
 and $i = 1, 2, 3, \dots, n$

CALCULATION OF SGPA

observe the following table

Subject	Marks obtained	Grade	Grade point	Credits	Grade point x credit
101	35	D	04	04	4 x 4 = 16
102	41	C	05	04	4 x 5 = 20
103	51	C ⁺	06	04	6 x 4 = 24
104	61	B	07	04	7 x 4 = 28
102 (Pr)	71	B ⁺	08	02	8 x 2 = 16
103 (Pr)	68	B	07	02	7 x 2 = 14
Total				20	118

$$SGPA = 118/20 = 5.9$$

CGPA

The cumulative performance in two semesters and more is given by CGPA

$$CGPA = \frac{\sum_{j=1}^m SG_j NC_j}{\sum_{j=1}^m NC_j}$$

NC_j = total credits offered in the j th semester

SG_j = SGPA earned in the J^{th} semester and $j = 1, 2, 3, \dots, m$ are the number of semesters in the course.

The promotion rules to higher semester are as per the point 7.0 of the ordinance 24(A).

Note that the minimum passing mark in this system is 31 /100 .(less by 2 marks as compared to the previous system)

It is not compulsory to score a particular minimum marks in CE component to appear in the end semester exam as per ordinance .

But , it is necessary to score in CE as the student may not score the required marks to pass in total only by the marks scored in end semester exam

e. g ,case-I

In such case performance in the CE plays an important role, both for passing as well as for improving the grades.

BE REGULAR AND ATTENTIVE , PUSH YOUR SELF AN EXTRA INCH TO GET INTO THE NEXT SLOT OF THE GRADES. TAKE ADVENTAGE OF THE SYSTEM.