

1	P20392515	AKALYA.K	4	4	4	4	4
2	P20392501	ARULSELVI.A	4	5	5	5	5
3	P20392502	DHANUSHA.P	3	3	4	5	4
4	P20392503	DHIVYABHARATHI.A	4	4	3	4	4
5	P20392504	GAYATHRI.T	4	4	4	4	4
6	P20392505	JAYA DEVI.P	5	4	4	4	4
7	P20392506	KALAISELVI.K	4	5	5	5	5
8	P20392507	KALVIKKARASI.B	4	4	4	5	5
9	P20392508	MANJU.D	4	5	5	5	5
10	P20392509	NISHANTHINI.M	3	5	3	5	3
11	P20392510	PAVITHA.A	4	4	4	4	4
12	P20392511	PRIYA.V	4	3	4	4	4
13	P20392512	ROHINI.M	3	4	4	4	4
14	P20392513	SANTHIYA.S	3	4	4	4	4
15	P20392514	SARMILA.M.R	5	4	5	5	4
		AVERAGE	3.87	4.13	4.13	4.47	4.20
EXPECTED	INT. EXAM+ SEMINAR+		TOTAL				
CO1	3.94		#REF!				
CO2	3.61		78.61				
CO3	3.58		78.58				
CO4	3.63		78.63				
CO5	3.8		78.8				

COURSE ATTAINMENT FOR B.SC., MICROBIOLOGY

SUBJECT NAME :MEDICAL MICROBIOLOGY

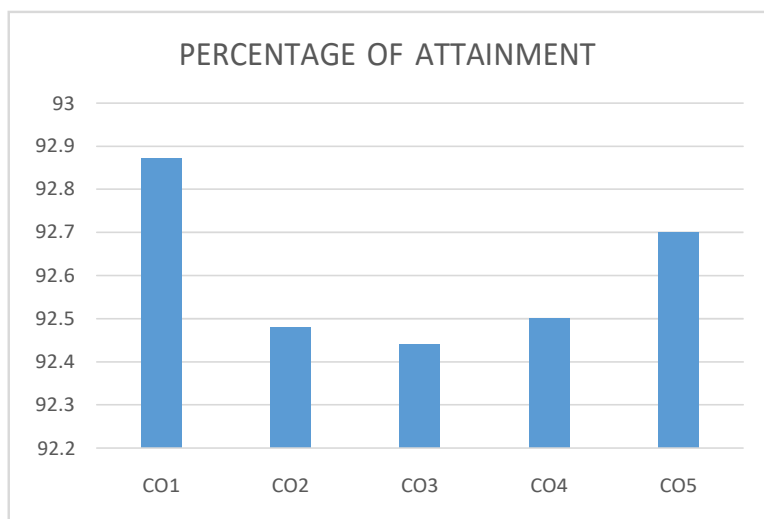
SUBJECT CODE :P16MB41

F STUDE

36

COURSE OUTCOME	PERCENT AGE OF ATTAINMENT
CO1	92.87
CO2	92.48

CO3	92.44
CO4	92.5
CO5	92.7



COURSE ATTAINMENT FOR M.Sc.MICROBIOLOGY

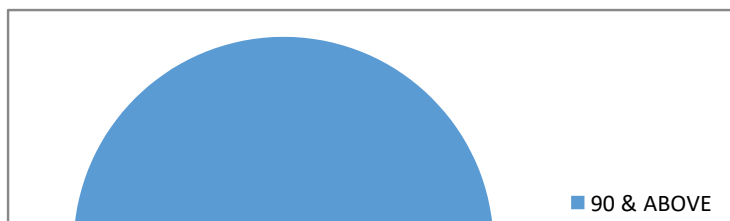
SUBJECT NAME: MEDICAL MICROBIOLOGY

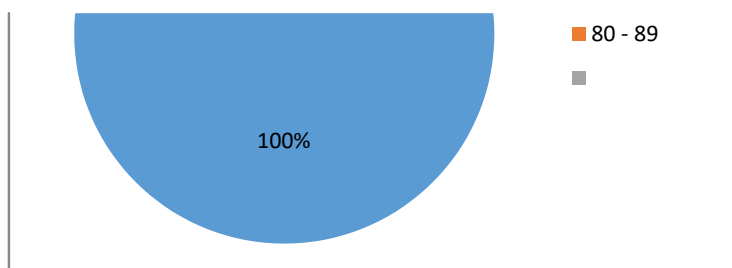
SUBJECT CODE: P16MB22

NO. OF STUDENTS:23

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)		STATUS
90 & ABOVE		OUTSTANDING
80 - 89		EXCELLENT
70 - 79		DISTINCTION
60 - 69		VERY GOOD
50 - 59		GOOD
40 - 49		AVERAGE
BELOW 40		RA

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
CATEGORY (MARKS)		STATUS
90 & ABOVE		DISTINCTION
80 - 89		VERY GOOD





ME B.Sc.,MICROBIOLOGY

PO1	Demonstrate holistic knowledge on the various facets of microbiology.
PO2	Make use of fundamental skills such as cultivating microorganisms, keeping bacteria, handling microbes safely, following proper microbiological procedures, and so on.
PO3	Analyze microbe-related problems, communicate them to peers/team members/other stakeholders and
PO4	Apply microbiological principles to a wide range of fields such as medicine, industry, environment,
PO5	Demonstrate key practical competences in dealing with microorganisms for research purposes.

COURSE : FUNDAMENTALS OF MICROBIOLOGY SUB CODE:16SCCMB1

CO1	Identify the basic concepts and ranges of agricultural and environmental microbiology
CO2	Find information about plant disease control methods, pathogen entry, symptoms, and the disease cycle.
CO3	Understand microbial ecology and microorganisms that live in harsh settings
CO4	Demonstrate key practical competences in dealing with microorganisms for research purposes.
CO5	Understand the historical Developments in Microbiology.

PO →	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	2	1
CO2	3	2	3	3	2
CO3	3	2	1	2	1
CO4	3	2	1	2	2
CO5	3	3	3	3	1
AVERAGE	3	2.2	2	2.4	1.4

DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)	SEMINAR (5)
	UNIT TEST (15)	
CO1	3	1
CO2	3	1
CO3	3	1
CO4	3	1
CO5	3	1
TOTAL	15	5

SNO	REG. NO	NAME	CO1	CO2	CO3	% TO TOTAL INTERNAL MARK
	CB21S412823	ANJALIB	4	4	4	96

2	CB21S412824	ANTHONY ANUSHIYA A	4	5	5	76
3	CB21S412825	DEEPA S	3	3	4	88
4	CB21S412826	FAZILA B	4	4	3	96
5	CB21S412827	KARANSIYA S	4	4	4	76
6	CB21S412828	KAVIYA R	5	5	5	76
7	CB21S412829	KEERTHANAR	4	5	5	88
8	CB21S412830	KEERTHANAR	4	4	4	96
9	CB21S412831	KIRUTHIKA K	4	5	5	92
10	CB21S412832	KRISHNAVENI R	4	4	4	92
11	CB21S412833	MACHTALIN HANCY Y	4	4	4	96
12	CB21S412834	MAHALAKSHMI R	4	4	4	80
13	CB21S412835	MAHDIYA A	3	4	4	80
14	CB21S412836	NIVEDHA P	3	4	4	80
15	CB21S412837	PRIYADHARSHINI K	5	5	5	76
16	CB21S412838	RANJITHA R	4	4	4	76
17	CB21S412839	RAVEENA R	5	5	5	96
18	CB21S412840	SANTHIYA S	4	5	5	76
19	CB21S412841	SARANYA H	3	3	4	88
20	CB21S412842	SATHIYA PRIYA T	4	4	3	96
21	CB21S412843	SHARMILA T	4	4	4	76
22	CB21S412844	SINTHU S	5	5	5	76
23	CB21S412845	SNEGA S	4	5	5	88
24	CB21S412846	VAITHEESHWARI S	4	4	4	80
25	CB21S412847	VINITHA S	3	4	4	80
26	CB21S412848	YOGESHWARI R	3	4	4	80
AVERAGE			4	4.29	4.29	

EXPECTED ATTAINMENT IN EACH CO - 85%	INT. EXAM+ SEMINAR+ ASSIGNMENT	END SEM	TOTAL
CO1	4	75	79
CO2	4	75	79.29
CO3	4.29	75	79.29
CO4	4.29	75	79.52
CO5	4.52	75	75

COURSE ATTAINMENT FOR B.SC., BIOTECHNOL MICROBIOLOGY

SUBJECT NAME :FUNDAMENTALS OF MICROBIOLOGY

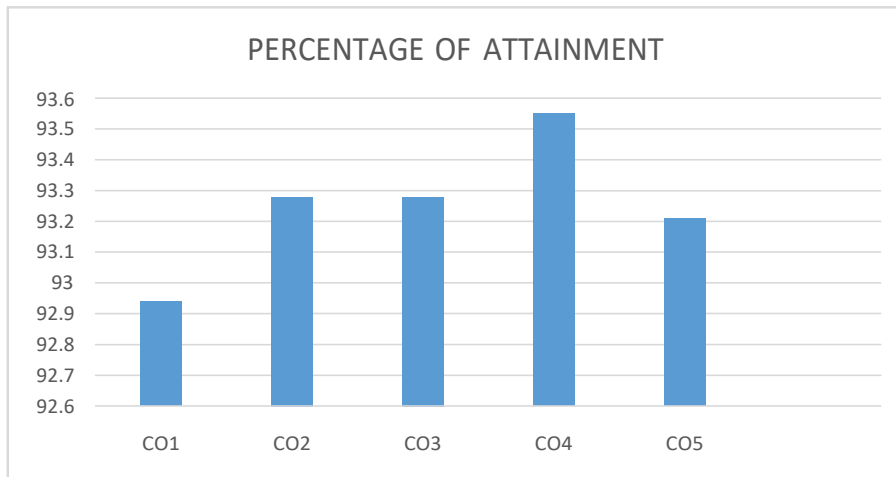
NO.OF STUDENTS:

27

Subject Code: 16SCCMB1

COURSE OUTCOME	PERCENTAGE OF ATTAINMENT
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CO1	92.94
CO2	93.28
CO3	93.28
CO4	93.55
CO5	93.21

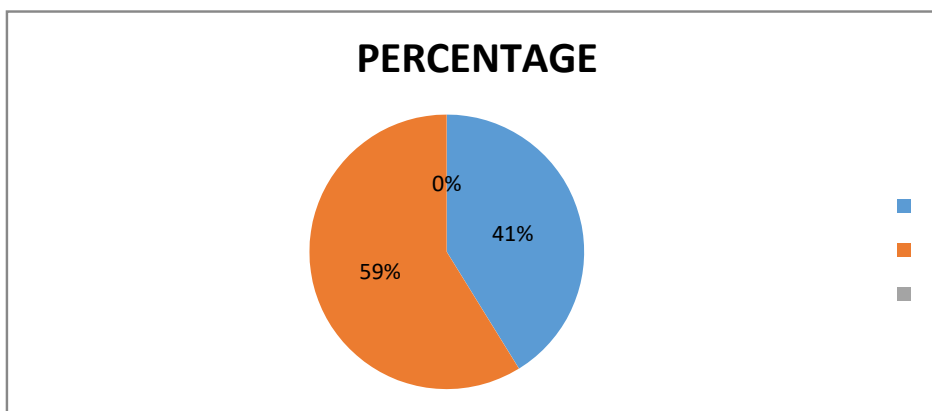


SUBJECT CODE:
16SACMB1
NO. OF STUDENTS: 17

SUBJECT NA 16SCCMB1
SUBJECT CODE 27
NO. OF STUDENTS:

COURSE OUTCOME ASSESSMENT		
	NO. OF STUDENTS	STATUS
CATEGORY (MAR)	7	OUTSTANDING
90 & ABOVE	10	EXCELLENT
80 - 89	0	DISTINCTION
70 - 79	0	VERY GOOD
60 - 69	0	GOOD
50 - 59	0	AVERAGE
40 - 49	0	RA
BELOW 40		

COURSE OUTCOME ASSESSMENT IN PERCENTAGE		
	PERCENTAGE	STATUS
CATEGORY (MAR)	41.17%	DISTINCTION
90 & ABOVE	58.82%	VERY GOOD
80 - 89		



PROGRAM OUTCOME B.Sc.,Microbiology

PO1	Demonstrate holistic knowledge on the various facets of microbiology.
PO2	This course is designed to given an understanding about the basics of
PO3	Make use of fundamental skills such as cultivating microorganisms, keeping bacteria, handling
PO4	Apply microbiological principles to a wide range of fields such as medicine, industry, environment,
PO5	Analyze microbe-related problems, communicate them to peers/team members/other stakeholders and

COURS

CO1	Acquire a basic knowledge of the genes and genomes of bacteria Understand the DNA replication process used by prokaryotes.
CO2	Recognize the mechanisms underlying DNA repair, transposons, and mutations
CO3	Analyze the production of proteins.
CO4	Prokaryotic and Eukaryotic DNA replication.Mechanism of DNA replication.Enzymes & proteins
CO5	Regulation of gene expression.gene loss, gene amplification, gene rearrangement.

PO →	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	2	1
CO2	3	2	3	3	2
CO3	3	2	1	2	1
CO4	3	2	1	2	2
CO5	3	3	3	3	1
AVERAGE	3	2.2	2	2.4	1.4

INTERNAL EXAMINATION MARK DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)	
	UNIT TEST (15)	SEMINAR (5)
CO1	3	1
CO2	3	1
CO3	3	1
CO4	3	1
CO5	3	1
TOTAL	15	5

SNO	REG. NO	NAME	CO1	CO2	CO3	% TO TOTAL INTERNAL MARK
1	P20392503	DHIVYABHARATHI.A	4	4	4	92
2	P20392504	GAYATHRI.T	4	4	5	92
3	P20392505	JAYA DEVI.P	5	5	5	96
4	P20392506	KALAISELVI.K	5	5	5	100
5	P20392507	KALVIKKARASI.B	5	5	5	100
6	P20392508	MANJU.D	5	5	5	100
7	P20392509	NISHANTHINI.M	5	5	5	100
8	P20392510	PAVITHA.A	4	4	5	92
9	P20392511	PRIYA.V	5	5	4	88
10	P20392512	ROHINI.M	4	4	4	88
11	P20392513	SANTHIYA.S	4	4	4	88
12	P20392514	SARMILA.M.R	4	4	4	88

EXPECTED ATTAINMENT IN	INT. EXAM+ SEMINAR+ ASSIGNMENT	END SEM	TOTAL
CO1	4.56	75	79.56
CO2	4.56	75	79.56
CO3	4.56	75	79.56
CO4	4.81	75	79.81
CO5	4.7	75	79.7

COURSE ATTAINMENT SC „MICROBIOLOGY

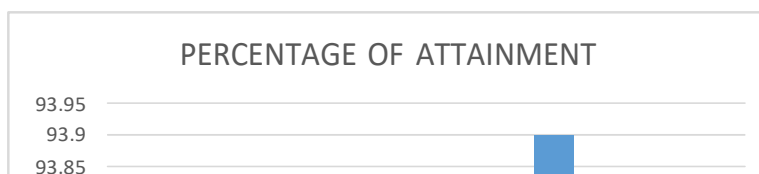
SUJECT NAME : MOLECULAR BIOLOGY AND MICROBIAL GENETICS

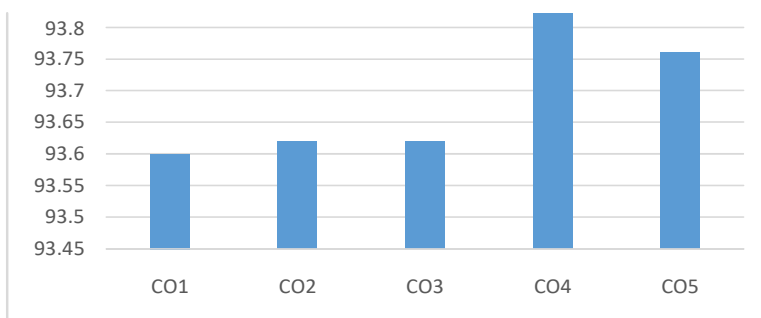
SUBJECT CODE :16SCCBT1

STUDENE:16SCCMB7

COURSE OUTCOME	PERCENT AGE OF ATTAINMENT
CO1	93.6
CO2	93.62
CO3	93.62
CO4	93.9
CO5	93.76

s

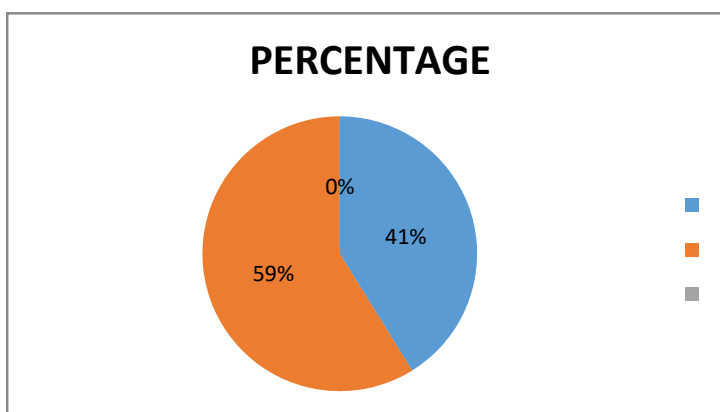




COURSE ATTAINMENT FOR B.Sc. BIOTECHNOLOGY
SUBJECT NAME: MOLECULAR BIOLOGY AND MICROBIAL GENETICS

ACCOMPLISHMENT ASSESSMENT		
MARKS	NO. OF STUDENTS	STATUS
90 & ABOVE	0	OUTSTANDING
80 - 89	0	EXCELLENT
70 - 79	4	DISTINCTION
60 - 69	7	VERY GOOD
50 - 59	5	GOOD
40 - 49	0	AVERAGE
BELOW 40	0	RA

ASSESSMENT IN PERCENTAGE		
MARKS	PERCENTAGE	STATUS
70 - 79	25.50%	DISTINCTION
60 - 69	43.75%	VERY GOOD
50 - 59	31.25%	GOOD



PO1 Demonstrate holistic knowledge on the various facets of microbiology

PO1	Demonstrate holistic knowledge on the various facets of microbiology
PO2	Make use of fundamental skills such as cultivating microorganisms, keeping bacteria, handling microbes safely, following proper microbiological procedures, and so on.

PO3	PO3 Apply microbiological principles to a wide range of fields such as medicine, industry, environment, genetics, agriculture, food, and others.
PO4	Demonstrate key practical competences in dealing with microorganisms for research purposes.
PO5	Analyze microbe-related problems, communicate them to peers/team members/other stakeholders and

COURS

CO1	Describe the history of immunology and immune hematology.
CO2	Understand the immune system
CO3	Demonstrate antigens and the various types of antigens.
CO4	Explain Immunodeficiency illnesses, antigen and antibody reactions.
CO5	Recognize hypersensitivity reactions as well as the foundational ideas behind transplantation and

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	2	1
CO2	3	2	3	3	2
CO3	3	2	1	2	1
CO4	3	2	1	2	2
CO5	3	3	3	3	1
AVERA	3	2.2	2	2.4	1.4

DISTRIBUTION FOR EACH COURSE OUTCOME

CO	INTERNAL (25)	
	UNIT TEST (15)	SEMINAR (5)
CO1	3	1
CO2	3	1
CO3	3	1
CO4	3	1
CO5	3	1
TOTAL	15	5

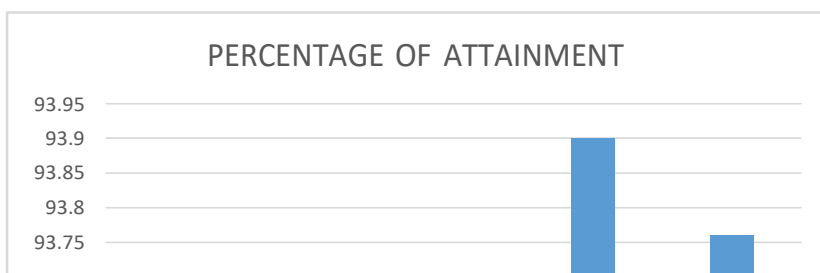
SNO	REG. NO	NAME	CO1	CO2	CO3	% TO TOTAL INTERNAL MARK
1	CB20S411666	SATHYA.V	4	4	4	92
2	CB20S411667	SHAALVLS	4	4	5	92
3	CB20S411668	SIBI.S	5	5	5	92
4	CB20S411669	SOWMIYA.P	5	5	5	96
5	CB20S411670	SOWMIYA.R	5	5	5	100
6	CB20S411671	SUBALAKSHMI.V	5	5	5	100
7	CB20S411672	SUVETHA.T	5	5	5	100

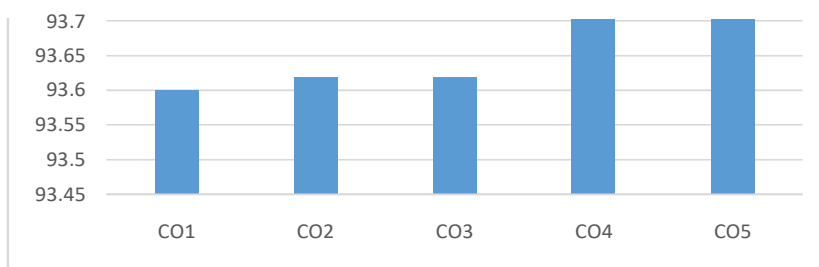
8	CB20S411673	SWETHA.B	4	4	5	92
9	CB20S411674	SWETHA.V	5	5	4	88
10	CB20S411675	THANIKA.G	4	4	4	88
11	CB20S411677	THILAGA.M	4	4	4	88
12	CB20S411678	THINUSHIYA.P	4	4	4	88
13	CB20S411679	VEERENTHINI.G	5	5	4	88
14	CB20S411680	VIJAYALAKSHMI.D	5	5	5	96
			AVERAGE		4.57	4.57

EXPEC TED ATTAI MENT IN EACH CO - 85%	INT. EXAM+ SEMINAR+ ASSIGNMENT		END SEM	TOTAL
CO1	4.56		75	79.56
CO2	4.56		75	79.56
CO3	4.56		75	79.56
CO4	4.81		75	79.81
CO5	4.7		75	79.7

COURSE ATTAINMENT FOR B.SC., MICROBIOLOGY
SUBJECT NAME :CELL BIOLOGY
SUBJECT CODE :16SCCBT1
F STUDENTS: 16

COURSE OUTCOME	PERCENTAGE OF
CO1	93.6
CO2	93.62
CO3	93.62
CO4	93.9
CO5	93.76

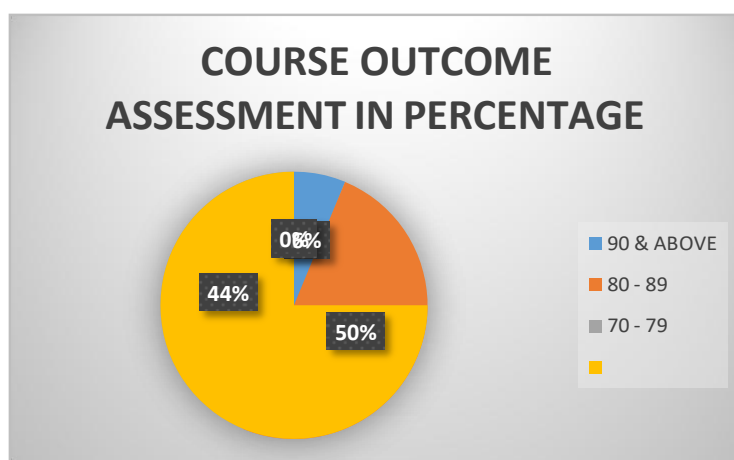




NT FOR B.Sc. MICROBIOLOGY

**SUBJECT NAME: APPLIED
MICROBIOLOGY
SUBJECT CODE: 16SACMB2
NO. OF STUDENTS: 16**

COURSE OUTCOME ASSESSMENT		
CATEGORY (MARKS)	NO. OF STUDENTS	STATUS
90 & ABOVE	1	OUTSTANDING
80 - 89	8	EXCELLENT
70 - 79	7	DISTINCTION
60 - 69	0	VERY GOOD
50 - 59	0	GOOD
40 - 49	0	AVERAG
BELOW 40	0	RA





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