# B.P.H.E. Society's Ahmednagar College, Ahmednagar Internal Quality Assurance Cell CO, PO, and PSO Attainment Sheet

<b>Department Name</b>	English	
Program Name	M.A.	
Program Outcomes	(PO)	

PO1	kills: The students will be able to comprehend the evolution of different categories of literature such as short story, drama, poetry, fiction
PO2	s and their tenets. The students will be able to implement literary devices to discuss literary texts among their peers. They will be able to
PO3	itten communication skills in English. They will be able to enrich their vocabulary and its usage in communication. The students will be
PO4	nts will be able to use interpersonal and intrapersonal communication skills to interact effectively in social situations like interviews, gro
PO5	ve Citizenship: The students will be able to execute their duties and responsibilities as citizens successfully by being a part of larger com
PO6	pplexities of human behavior and identity through various forms of literature. They will be able to develop a deeper understanding of hur
PO7	Il become aware about the issues related to environment and the steps needed to be implemented for its sustainability through the study of
PO8	g Learning: The students will be able to grasp excellent pieces of prose and poetry in English whereby each and every lesson will be a le
PO9	
PO10	
PO11	
PO12	

### Program Specific Outcome(PSO)

PSO1	Students will be able to comprehend excellent pieces of prose and poetry in English literature.
PSO2	Students will be able to understand the evolution of criticism and its application in language and literature.
PSO3	Students will be able to apply knowledge of English language to improve skills in Listening, Speaking, Reading and Writing

Academic Year:	2018-19

to literary texts

To enhance literary and linguistic competence of students

Class		MA 1	Course Outcomes			F	Program	Outcome	es				PSOs	
Subject Co	ode	10691	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject N	ame	English Literature from 1550 to 1798	CO1	2	2	3	3	3	2	2	2	2	3	3
Semester 1	No	1	CO2	3	3	3	2	3	3	2	3	3	3	2
Teacher N	lame	Swarnakant Kati	CO3	3	3	3	2	3	2	2	3	3	3	2
Course Ou	ıtcomes		CO4	3	3	2	2	3	3	3	2	3	3	3
	CO1	To introduce students to major movements and figures of English Literature through the study of selected literary texts	CO5	2	2	3	3	2	3	3	2	2	2	3
	CO2	To create literary sensibility and emotional response to the literary texts and implant sense of appreciation of literary texts	Average	2.60	2.60	2.80	2.40	2.80	2.60	2.40	2.40	2.60	2.80	2.60
_	CO3	To expose students to the artistic and innovative use of language employed by the writers												
	CO4	To instill values and develop human concern in students through exposure												

Class		MA 1	Course Outcomes			F	rogram	Outcome	es				PSOs	
Subject Co	ode	10692	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject N	ame	English Literature from 1798 to the present	CO1	3	3	2	2	3	3	3	2	3	3	2
Semester ?	No	1	CO2	3	3	2	2	3	3	2	2	3	3	2
Teacher Name		Shringar Tiwari	CO3	3	3	2	2	3	3	3	2	3	3	2
Course Ou	utcomes		CO4	3	3	2	2	3	3	3	3	3	3	2
	CO1	To introduce students to major movements and figures of English Literature through study of selected literary texts	CO5											

CO2	To create literary sensibility for appreciation in students and expose them to artistic and innovative use of language by writers and to various worldviews	Average	3.00	3.00	2.00	2.00	3.00	3.00	2.75	2.25	3.00	3.00	2.00
CO3	To instill values and develop human concern in students through exposure to literary texts												
CO4	To enhance literary and linguistic competence of s	tudents											
CO5													

Class		MA 1	Course Outcomes			F	rogram	Outcome	es				<b>PSOs</b>	
Subject Co	ode	10693	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Na	ime	Contemporary Studies in English Language	CO1	3	3	2	2	3	3	3	2	3	3	2
Semester N	No	1	CO2	3	3	2	2	3	3	3	3	3	3	2
Teacher Na	ame	Simon Bernabas	CO3	3	3	2	2	3	3	3	3	3	3	2
Course Outcomes		CO4	3	3	2	2	3	3	3	3	3	3	2	
		To introduce students to the basic tools essential for systematic study of language	CO5											
	CO2	To acquaint students with the basic concepts and is	Average	3.00	3.00	2.00	2.00	3.00	3.00	3.00	2.75	3.00	3.00	2.00
	CO3	To introduce them to various sub-disciplines of lin	guistics											
	CO4	To initiate them into theoretical perspectives and enable them to apply the acquired linguistic skills in real life situations												

Class		MA 1	Course Outcomes			P	rogram	Outcome	es				PSOs	
Subject Co	de	10694	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Na	me	Literary Criticism and Theory	CO1	3	3	2	2	3	3	3	3	3	3	2
Semester N	Vo	1	CO2	3	3	2	2	3	3	3	3	3	3	3
Teacher Na	eacher Name Kamalakar Bhat CO3		CO3	2	2	3	3	2	3	2	3	3	2	3
Course Out	tcomes		CO4	3	3	3	3	3	3	3	3	3	3	3
		To introduce students to the nature, function and relevance of literary criticism and theory	CO5											
	CO2	To introduce them to various important critical app	Average	2.75	2.75	2.50	2.50	2.75	3.00	2.75	3.00	3.00	2.75	2.75

CO3	To encourage them to deal with highly intellectual and radical content and thereby develop their logical thinking and analytical ability
	To develop sensibility and competence in them for practical application of critical approach to literary texts
CO5	·

students through exposure

To enhance literary and linguistic competence of students

to literary texts

CO4

Class		MA 1	Course Outcomes			I	Program	Outcome	es				<b>PSOs</b>	
Subject Code	e	20691	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Name	ne	English Literature from 1550 to 1798	CO1	2	2	3	3	3	2	2	2	2	3	3
Semester No		1	CO2	3	3	3	2	3	3	2	3	3	3	2
Teacher Nam	ne	Swarnakant Kati	CO3	3	3	3	2	3	2	2	3	3	3	2
Course Outco	omes	_	CO4	3	3	2	2	3	3	3	2	3	3	3
	CO1	To introduce students to major movements and figures of English Literature through the study of selected literary texts	CO5	2	2	3	3	2	3	3	2	2	2	3
	CO2	To create literary sensibility and emotional response to the literary texts and implant sense of appreciation of literary texts	Average	2.60	2.60	2.80	2.40	2.80	2.60	2.40	2.40	2.60	2.80	2.60
	CO3	To expose students to the artistic and innovative use of language employed by the writers  To instill values and develop human concern in												

Class	MA 1	Course Outcomes			F	Program	Outcome	es				PSOs	
Subject Code	20692	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Name	English Literature from 1798 to the present	CO1	3	3	2	2	3	3	3	2	3	3	2
Semester No	1	CO2	3	3	2	2	3	3	2	2	3	3	2
Teacher Name	Shringar Tiwari	CO3	3	3	2	2	3	3	3	2	3	3	2
Course Outcomes	ourse Outcomes		3	3	2	2	3	3	3	3	3	3	2

	To introduce students to major movements and figures of English Literature through study of selected literary texts	CO5											
CO2	To create literary sensibility for appreciation in students and expose them to artistic and innovative use of language by writers and to various worldviews	Average	3.00	3.00	2.00	2.00	3.00	3.00	2.75	2.25	3.00	3.00	2.00
	To instill values and develop human concern in students through exposure to literary texts												
CO4	To enhance literary and linguistic competence of st	udents											
CO5													

Class		MA 1	Course Outroms			P	rogram	Outcome	es				PSOs	
Subject Co	ode	20693	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Na	ame	Contemporary Studies in English Language	CO1	3	3	2	2	3	3	3	2	3	3	2
Semester 1	No	1	CO2	3	3	2	2	3	3	3	3	3	3	2
Teacher N	acher Name Simon Bernabas		CO3	3	3	2	2	3	3	3	3	3	3	2
Course Ou	ourse Outcomes		CO4	3	3	2	2	3	3	3	3	3	3	2
	CO1	To introduce students to the basic tools essential for systematic study of language	CO5											
	CO2	To acquaint students with the basic concepts and is	Average	3.00	3.00	2.00	2.00	3.00	3.00	3.00	2.75	3.00	3.00	2.00
	CO3	To introduce them to various sub-disciplines of lin	guistics											
	CO4	To initiate them into theoretical perspectives and enable them to apply the acquired linguistic skills in real life situations												

Class	MA 1	Course Outcomes			F	rogram	Outcome	es				<b>PSOs</b>	
Subject Code	20694	Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Name	Literary Criticism and Theory	CO1	3	3	2	2	3	3	3	3	3	3	2
Semester No	1	CO2	3	3	2	2	3	3	3	3	3	3	3
Teacher Name	Kamalakar Bhat	CO3	2	2	3	3	2	3	2	3	3	2	3
Course Outcomes	ourse Outcomes		3	3	3	3	3	3	3	3	3	3	3

CO1	To introduce students to the nature, function and relevance of literary criticism and theory	(
CO2	To introduce them to various important critical app	Average
CO3	To encourage them to deal with highly intellectual and radical content and thereby develop their logical thinking and analytical ability	
CO4	To develop sensibility and competence in them for practical application of critical approach to literary texts	
CO5		

2.75

2.75

2.50

2.50

2.75

3.00

2.75

3.00

3.00

2.75

2.75

To enhance literary and linguistic competence of students

Class		MA 2	Course			]	Program (	Outcomes	S				PSOs	
Subject (	Code	30691	Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject I	Name	Indian Writing in English	CO1	2	2	3	3	3	2	2	3	2	2	3
Semeste	r No	1	CO2	2	3	3	3	2	2	3	3	2	2	3
Teacher	Name	Shringar Tiwari	CO3	3	3	3	3	2	2	2	2	3	3	3
Course (	Outcomes		CO4	3	3	2	2	3	3	3	3	3	3	2
	CO1	To introduce students to major movements and figures of Indian Literature in English through the study of selected literary texts	CO5	2	2	3	3	3	3	2	2	2	2	3
	CO2	To create literary sensibility and emotional response to the literary texts and implant sense of appreciation of literary text	Average	2.40	2.60	2.80	2.80	2.60	2.40	2.40	2.60	2.40	2.40	2.80
	CO3	To expose students to the artistic and innovative use of language employed by the writers												
	CO4	To instill values and develop human concern in students through exposure to literary												

Class		MA 2	Course			]	Program	Outcomes	S				PSOs	
Subject (	Code	30693	Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject I	Name	Poetry in English	CO1	3	3	2	2	3	3	3	3	3	3	2
Semeste	r No	1	CO2	3	3	2	2	2	3	3	3	3	3	2
Teacher	Name	Kamalakar Bhat	CO3	3	3	2	2	2	3	3	3	3	3	2
Course (	Outcomes		CO4	3	3	3	3	2	3	3	3	3	3	2
	CO1	To introduce students to major movements related to poetry in English, works and poets through study of selected texts	CO5											

CO2	To create literary sensibility for appreciation in students and expose them to artistic and innovative use of language by writers and to various worldviews	Average	3.00	3.00	2.25	2.25	2.25	3.00	3.00	3.00	3.00	3.00	2.00
	To instill values and develop human concern in students through exposure to literary texts												
CO4	To enhance literary and linguistic competence of students												
CO5													

Class		MA 2	Course				Program	Outcomes	5				PSOs	
Subject	Code	30696	Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject	Name	Semantics and Pragmatics	CO1	2	3	2	2	3	3	3	3	2	3	2
Semeste	er No	1	CO2	2	3	3	2	2	3	3	3	2	3	2
Teacher	Name	Swarnakanth Kati	CO3	2	3	3	2	2	3	3	3	2	3	2
Course (	Outcomes		CO4	2	2	3	3	2	3	3	3	2	3	2
	CO1	To familiarize students with the fundamental concepts and principles in Semantics and Pragmatics.	CO5	3	3	2	3	3	3	3	3	3	3	2
	CO2	To introduce the students to the semantic level of linguistic analysis which deals with meaning	Average	2.20	2.80	2.60	2.40	2.40	3.00	3.00	3.00	2.20	3.00	2.00
	CO3	To make students aware of the use of language as determined by the conditions of the society and enable them to interpret language in context and use language appropriately.												
	CO4	To acquaint them with the different types of context and their relevance for interpreting different types of texts.												
	CO5	To enable students to apply the concepts, principles and theories in Semantics and												

Class	MA 2	Course				Program	Outcomes	S				PSOs	
Subject Code	30698	Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Name	American Literature	CO1	3	3	2	2	3	3	3	3	3	3	2
Semester No	1	CO2	3	3	2	2	3	3	3	3	3	3	2
Teacher Name	Simon Bernabas	CO3	2	2	3	3	2	3	3	2	3	3	3

Pragmatics to real life situations and to literary texts.

Course (	Outcomes		CO4	2	2	3	3	2	3	3	3	2	3	3
		To introduce students to the major literary movements in America, literary works and writers through selected texts	CO5											
	CO2	To enhance the literary sensibility of students by exposing them to the American writers of various times	Average	2.50	2.50	2.50	2.50	2.50	3.00	3.00	2.75	2.75	3.00	2.50
	CO3	To instil values and develop human concern in students throu	igh exposure to	o literary te	exts									
	CO4	To enhance literary and linguistic competence of students												
	CO5													

Class MA 2			Course				Program	Outcomes	S				PSOs	
Subject (	Code	40691								PSO2	PSO3			
Subject I	Name	Indian Writing in English	CO1	3	3	2	2	3	3	3	3	3	3	2
Semeste	r No	1	CO2	3	3	2	2	2	3	3	3	3	3	2
Teacher	Name	Shringar Tiwari	CO3	3	3	2	2	2	3	3	3	3	3	2
Course (	Outcomes		CO4	3	3	3	3	2	3	3	3	3	3	2
	CO1	To introduce students to major movements and figures of Indian Literature in English through the study of selected literary texts	CO5	3	3	3	3	3	2	2	3	2	3	3
	CO2	To create literary sensibility and emotional response to the literary texts and implant sense of appreciation of literary text	Average	3.00	3.00	2.40	2.40	2.40	2.80	2.80	3.00	2.80	3.00	2.20
	CO3	To expose students to the artistic and innovative use of language employed by the writers												
	CO4	To instill values and develop human concern in students through exposure to literary												

Class	MA 2	Course				Program	Outcomes	S			PSOs		
Subject Code	40693	Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Name	Poetry in English	CO1	2	2	3	3	3	2	2	3	2	2	3
Semester No	1	CO2	2	3	3	3	2	2	3	3	2	2	3
Teacher Name	Kamalakar Bhat	CO3	3	3	3	3	2	2	2	2	3	3	3
Course Outcomes		CO4	3	3	2	2	3	3	3	3	3	3	2

To enhance literary and linguistic competence of students

	To introduce students to major movements related to poetry in English, works and poets through study of selected texts	CO5											
CO2	To create literary sensibility for appreciation in students and expose them to artistic and innovative use of language by writers and to various worldviews	Average	2.50	2.75	2.75	2.75	2.50	2.25	2.50	2.75	2.50	2.50	2.75
	To instill values and develop human concern in students through exposure to literary texts												
CO4	To enhance literary and linguistic competence of students												
CO5													

Class							Program	Outcomes	S				PSOs	
Subject (	Code	40696	Outcomes         PO1         PO2         PO3         PO4         PO5         PO6         PO7         PO8         PSO1						PSO2	PSO3				
Subject I	Name	Semantics and Pragmatics	CO1 2 3 2 2 3 3 3 3				2	3	2					
Semeste	er No	1	CO2	2	3	3	2	2	3	3	3	2	3	2
Teacher	Name	Swarnakanth Kati	CO3	2	3	3	2	2	3	3	3	2	3	2
Course (	Outcomes		CO4	2	2	3	3	2	3	3	3	2	3	2
	CO1	To familiarize students with the fundamental concepts and principles in Semantics and Pragmatics.	CO5	3	3	2	3	3	3	3	3	3	3	2
	CO2	To introduce the students to the semantic level of linguistic analysis which deals with meaning	Average	2.20	2.80	2.60	2.40	2.40	3.00	3.00	3.00	2.20	3.00	2.00
	CO3	To make students aware of the use of language as determined by the conditions of the society and enable them to interpret language in context and use language appropriately.												
	CO4	To acquaint them with the different types of context and their relevance for interpreting different types of texts.												
	CO5	To enable students to apply the concepts, principles and theories in Semantics and												

Class	MA 2	Course			]	Program (	Outcomes	S			PSOs		
Subject Code	40698	Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
Subject Name	American Literature	CO1	3	3	2	2	3	3	3	3	3	3	2
Semester No	1	CO2	3	3	2	2	3	3	3	3	3	3	2

Pragmatics to real life situations and to literary texts.

Teacher	Name	Simon Bernabas	CO3	2	2	3	3	2	3	3	2	3	3	3
Course (	Outcomes		CO4	2	2	3	3	2	3	3	3	2	3	3
	CO1	To introduce students to the major literary movements in America, literary works and writers through selected texts	CO5											
	CO2	To enhance the literary sensibility of students by exposing them to the American writers of various times	Average	2.50	2.50	2.50	2.50	2.50	3.00	3.00	2.75	2.75	3.00	2.50
	CO3	To instil values and develop human concern in students through	igh exposure to	o literary te	exts									
	CO4	To enhance literary and linguistic competence of students												

## **CO-PO Mapping**

			Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
		1	10691	2.60	2.60	2.80	2.40	2.80	2.60	2.40	2.40
		2	10692	3.00	3.00	2.00	2.00	3.00	3.00	2.75	2.25
		3	10693	3.00	3.00	2.00	2.00	3.00	3.00	3.00	2.75
		4	10694	2.75	2.75	2.50	2.50	2.75	3.00	2.75	3.00
		5	20691	2.60	2.60	2.80	2.40	2.80	2.60	2.40	2.40
		6	20692	3.00	3.00	2.00	2.00	3.00	3.00	2.75	2.25
		7	20693	3.00	3.00	2.00	2.00	3.00	3.00	3.00	2.75
FY	FY	8	20694	2.75	2.75	2.50	2.50	2.75	3.00	2.75	3.00
		1	30691	2.40	2.60	2.80	2.80	2.60	2.40	2.40	2.60
		2	30693	3.00	3.00	2.25	2.25	2.25	3.00	3.00	3.00
		3	30696	2.20	2.80	2.60	2.40	2.40	3.00	3.00	3.00
		4	30698	2.50	2.50	2.50	2.50	2.50	3.00	3.00	2.75
		5	40691	3.00	3.00	2.40	2.40	2.40	2.80	2.80	3.00
		6	40693	2.50	2.75	2.75	2.75	2.50	2.25	2.50	2.75
		7	40696	2.20	2.80	2.60	2.40	2.40	3.00	3.00	3.00
SY	SY	8	40698	2.50	2.50	2.50	2.50	2.50	3.00	3.00	2.75

## **CO-PO ATTAINMENT**

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1.352	1.352	1.456	1.248	1.456	1.352	1.248	1.248
0.92	0.92	0.613333333	0.613333	0.92	0.92	0.843333	0.69
0.6	0.6	0.4	0.4	0.6	0.6	0.6	0.55
0.843333	0.843333	0.766666667	0.766667	0.843333	0.92	0.843333	0.92
1.352	1.352	1.456	1.248	1.456	1.352	1.248	1.248
1.24	1.24	0.826666667	0.826667	1.24	1.24	1.136667	0.93
0.6	0.6	0.4	0.4	0.6	0.6	0.6	0.55
0.55	0.55	0.5	0.5	0.55	0.6	0.55	0.6
1.248	1.352	1.456	1.456	1.352	1.248	1.248	1.352
0.92	0.92	0.69	0.69	0.69	0.92	0.92	0.92
1.848	2.352	2.184	2.016	2.016	2.52	2.52	2.52
0.766667	0.766667	0.766666667	0.766667	0.766667	0.92	0.92	0.843333
1.24	1.24	0.992	0.992	0.992	1.157333	1.157333	1.24
0.5	0.55	0.55	0.55	0.5	0.45	0.5	0.55
0.909333	1.157333	1.074666667	0.992	0.992	1.24	1.24	1.24
0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.55

## Percentage CO-PO ATTAINMENT

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
52	52	52	52	52	52	52	52
30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667
20	20	20	20	20	20	20	20
30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667
52	52	52	52	52	52	52	52
41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
20	20	20	20	20	20	20	20
20	20	20	20	20	20	20	20
52	52	52	52	52	52	52	52
30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667
84	84	84	84	84	84	84	84
30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667	30.66667
41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
20	20	20	20	20	20	20	20
41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333	41.33333
20	20	20	20	20	20	20	20

#### CO-PSO MAPPING

	Course	PSO1	PSO2	PSO3
1	10691	2.60	2.80	2.60
2	10692	3.00	3.00	2.00
3	10693	3.00	3.00	2.00
4	10694	3.00	2.75	2.75
5	20691	2.60	2.80	2.60
6	20692	3.00	3.00	2.00
7	20693	3.00	3.00	2.00
8	20694	3.00	2.75	2.75
1	30691	2.40	2.40	2.80
2	30693	3.00	3.00	2.00
3	30696	2.20	3.00	2.00
4	30698	2.75	3.00	2.50
5	40691	2.80	3.00	2.20
6	40693	2.50	2.50	2.75
7	40696	2.20	3.00	2.00
8	40698	2.75	3.00	2.50

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#### **CO-PSO ATTAINMENT**

Course	PSO1	PSO2	PSO3
10691	1.352	1.456	1.352
10692	0.92	0.92	0.613333
10693	0.6	0.6	0.4
10694	0.92	0.843333	0.843333
20691	1.352	1.456	1.352
20692	1.24	1.24	0.826667
20693	0.6	0.6	0.4
20694	0.6	0.55	0.55
30691	1.248	1.248	1.456
30693	0.92	0.92	0.613333
30696	1.848	2.52	1.68
30698	0.843333	0.92	0.766667
40691	1.157333	1.24	0.909333
40693	0.5	0.5	0.55
40696	0.909333	1.24	0.826667
40698	0.55	0.6	0.5

#### Percentage CO-PSO ATTAINMENT

PSO1	PSO2	PSO3
52	52	52
30.66667	30.66667	30.66667
20	20	20
30.66667	30.66667	30.66667
52	52	52
41.33333	41.33333	41.33333
20	20	20
20	20	20
52	52	52
30.66667	30.66667	30.66667
84	84	84
30.66667	30.66667	30.66667
41.33333	41.33333	41.33333
20	20	20
41.33333	41.33333	41.33333
20	20	20