

Final Exam Contents Form: Semester 1 / 2023

Subject: Foundation Mathematics 5 Code: MA30105 Class: EP M6/1-2 Teacher's Name: Keerthi Prabhakar

Contents	Formative 2	Final Exam	Written Answers	Classroom Handouts	Remark
1. Properties of Real numbers	✓	✓	✓	Class notes and Worksheets	Content might change because of time constraints.
2. Quadratic Equations	✓	✓	✓		
3. Quadratic Functions	✓	✓	✓		
4. Sketching quadratic functions	✓	✓	✓		
5. Quadratics applications	✓	✓	✓		
6. Completing the square	✓	✓			
7. Sum and product of the roots	✓	✓			
8. Properties of the discriminant	✓	✓			

Formative 2: - Quizzes - Worksheets - Tests

Subject: M6 Foundation Health Studies and PE Code: HP30207 and HP30105 Class EP M6/1-2 Teacher's Name: Brian Mallon

Contents	Formative 2	Final	Classroom Handouts	Remark
1. Addiction	✓	✓	Exam Review Sheet.	Content might change because of time constraints.
2. Alcohol Awareness	✓	✓		
3. Basketball Rules and Regulations	✓	✓		
4. Futsal Rules and Regulations	✓	✓		
5. Physical Fitness	✓	✓		

Note: The exam will take place during our last class before exam week.

Subject: Universal Mathematics 5 Code: MA30217 Class EP M6/1-2 Teacher's Name: Shiv Kumar

Contents	Formative 2	Final Exam	Written Answers	Classroom Handouts	Remark
1. Limit of Sequence	✓	✓	✓	Text book (Haese Mathematics 3 rd edition) (Class Worksheets +Handouts)	Content might change because of time constraints.
2. Limits tend to infinity	✓	✓	✓		
3. Limits tends to zero	✓	✓	✓		
4. Trigonometric limits	✓	✓	✓		
5. Indefinite integration	✓	✓	✓		
6. Properties of indefinite integration	✓	✓	✓		
7. Definite integration	✓	✓	✓		
8. Properties definite integration	✓	✓	✓		
9. Application of integration	✓	✓	✓		
10. Area under curve	✓	✓	✓		
11. Area between a curve and a straight line	✓	✓	✓		

Subject: Foundation English 5

Code: EN30105

Class: EP M6 1-2

Teacher: Jonathan Phillips

Final Exam Content		Formative 2	Classroom Handouts	Remark
Multiple choice	Adjectives with prepositions Collocations Describing a table Subordinating conjunctions Idiomatic expressions Future tenses	All	Ready for IELTS Material uploaded to Schoology Zoom Lesson Recordings Ready for IELTS Student's Book A PDF File with material to revise for the exam will be provided the week before the exam.	
Reading	IELTS Reading Questions			
Writing	IELTS Writing Task 1			

Subject: Reading & Writing 5

Code: EN30205

Class: EP M6 1-2

Teacher: Joshua Bolen

Final Exam Contents		Formative Score	Classroom Handouts	Remark
Multiple Choice Section	Linking words Subject-Verb Agreement, Verb Tenses Complex sentences, conditionals	All	Worksheets, Notebook work, Schoology.	
Writing Section	IELTS Task 2 Type Essay	All	A PowerPoint presentation with material to revise for the exam will be provided the week before the exam.	

Subject: Universal Physics 4 ST30214 Class EP: M6/1 Teacher's Name: Glenn Thomas

Contents	Formative 2	Final (Multiple choice)	Final (Written Questions)	Classroom Handouts	Remark
1. Properties of Gases -Ideal Gas laws -Density, Volume and Pressure -PV=nRT	√	√	√	Worksheets, Notebooks, Virtual labs, Videos	Content might change because of time constraints.
2. Nuclear Atom -Calculating de Broglie wavelength - electrons from atoms -thermionic emission and kinetic energy	√	√	√		
3.Nuclear <ul style="list-style-type: none"> • History of the atom • Atomic mass, Atomic Number • Stability of Nucleus and Isotopes • Binding Energy of nucleons • Mass defect and $E=mc^2$ • Fission vs Fusion • Binding Energy per nucleon 	√	√	√		
4. Nuclear Energy - thermal nuclear reactors -Advantages/disadvantages of nuclear fusion and fission power	√	√	√		

Formative 2: - Projects - Labs - Class participation -Online Quizzes -Worksheets

Subject: Universal Chemistry 4 Code: ST30234 Class EP M6/1-2 Teacher's Name: Anumol Sunny

	Contents	Formative 2	Final Term Questions	Classroom Handouts	Remark
1	Basis of Life	√	√	Worksheets, PowerPoints, Related videos	The content might change because of time constraints.
2	Carbohydrates	√	√		
3	Amino Acids	√	√		
4	Lipids	√	√		
5	Nucleic Acids	√	√		
6	Metabolism	√	√		
7	Acid-Base Theories	√	√		
8	Hydrogen ion and Acidity	√	√		
9	Strength of Acids and Bases	√	√		
10	Salts	√	√		

Subject: Universal Biology 4 Code: ST30259 Class: EP M6/1 Teacher's Name: Zak Callaway

Content	Formative 2	Final Exam Questions	Classroom Handouts	Remarks
Unit 6: Population Ecology and Distribution of Organisms <ul style="list-style-type: none"> • Scope of Ecology • Climate • Disturbance • Biotic factors of species distribution • Abiotic factors of species distribution 	√	Multiple Choice, True/False, Label the Diagram Short Answer	Power point presentations, Google Classroom Meetings, In-class discussions, lesson reviews, labs, videos, animations, and quizzes.	
Unit 7: Population Ecology (Terrestrial and Aquatic Ecosystems) <ul style="list-style-type: none"> • Terrestrial Biomes • Aquatic Biomes <ul style="list-style-type: none"> • Zonation • Turnover 	√	Multiple Choice, True/False, Label the Diagram Short Answer		

Formative 2: Review Questions, Worksheets, Discussions, Lab, Scientific Investigations

วิชาภาษาไทยพื้นฐาน 5 (ท30105)

- สามัคคีเภทคำฉันท์ - การอธิบาย บรรยาย พรรณนา
- ความสัมพันธ์ระหว่างภาษากับความคิด - การแสดงทรรศนะ ได้แย่ง และโน้มน้าวใจ
- เหตุผลกับภาษา

วิชาสังคมศึกษา ศาสนาและวัฒนธรรมพื้นฐาน 5 (ส30105)

สาระที่ 4 ประวัติศาสตร์

- เวลา ยุคสมัย หลักฐาน และวิธีการทางประวัติศาสตร์ - ประวัติศาสตร์สากล
- ประวัติศาสตร์ไทย

สาระที่ 5 ภูมิศาสตร์

- เครื่องมือทางภูมิศาสตร์ - ทรัพยากรธรรมชาติ และสิ่งแวดล้อม
- หลักภูมิศาสตร์