

BUKIT PANJANG GOVT HIGH SCHOOL
 Topics covered for Mid Year Examination 2019
Secondary 4 Express

Subject	Duration	Topics Covered
English Language	1h50m (P1) 1h50m (P2)	Paper 1: Editing, Situational Writing & Continuous Writing Paper 2: Comprehension (includes Summary Question)
English Literature (Full)	1h40m (P1) 1h30m (P2)	Paper 1: The Joy Luck Club + Unseen Paper 2: The Winslow Boy
English Lit. (Elective)	1h40m	The Joy Luck Club + Unseen
Geography (Full)	1h40m (P1) 1h30m (P2)	All Sec 3 topics <ul style="list-style-type: none"> · Coasts GW 1 – 3 (Including GI) · Plate Tectonics GW 1 – 3 · Weather and Climate GW 1 – 3 Sec 4 topics <ul style="list-style-type: none"> · Tourism GW 1 – 3 (Including GI) · Health and Diseases GW 1 – 3
History (Full)	1h40m (P1) 1h40m (P2)	P1 <ul style="list-style-type: none"> ● All chapters from Unit 1: European Dominance and Expansionism in Southeast Asia in the late 19th century ● All chapters from Unit 2: The World in Crisis ● SBQ: Same as elective history P2 <ul style="list-style-type: none"> ● All chapters from Unit 3: Bi-polarity and the Cold War ● All chapters from Unit 4: Decolonisation and Emergence of Nation-states ● SBQ: Same as elective history
History (Elective)	1h40m	<u>Section A - Source-based skills</u> All skills and question types 1 of the 4 chpts for SBQ will be set (Stalin, Hitler, Korean War and Cuban Missile Crisis) <u>Section B - Structured-Essay Questions</u> S3 - Chpt 1 (TOV & LON), Chpt 2 (Stalin's USSR), Chpt 3 (Nazi Germany) S4 - Chpt 1 (Cold War in Europe), Chpt 2 (Korean War), Chpt 3 (Cuban Missile Crisis)

Subject	Duration	Topics Covered
Geography (Elective)	1h40m	All Sec 3 topics <ul style="list-style-type: none"> · Plate Tectonics GW 1 – 3 · Weather and Climate GW 1 – 2 (Including GI) Sec 4 topics <ul style="list-style-type: none"> · Tourism GW 1 – 3 (Including GI)
Social Studies	1 h 45 m	<u>Section A - Source-based skills</u> All skills and question types <u>Section B - Structured-Response Questions (a) & (b)</u> Issue 3 - Globalisation (Chpts 8-11)
Mathematics	2h (P1) 2h30m (P2)	All Sec 1-4 topics Paper 1 (50%) Short answer questions. Paper 2 (50%) Contextual questions, including question on applying Mathematics to real-world scenario.
Additional Mathematics	2h (P1) 2h30m (P2)	Topics: Chapter 1-9,11-13 Paper 1 (44%) and Paper 2 (56%) Candidates are required to answer all questions
Chinese Language	2h (P1) 1h30m (P2) 1h (P3)	试卷一： 一、实用文（私函、公函，二选一）20分 二、作文（记叙文、议论文、材料作文，三选一）40分 试卷二： 一、综合填空 10分 二、阅读理解一 20分 三、阅读理解二（A组和B组）40分 试卷三：听力 20分
Chinese “B”	50m(P1) 1h(P2) (P3)	P1: 电邮或看图作文（20分） P2: 语文应用，阅读理解一，阅读理解二（共30分） P3: 听力（20分），口试（30分）

Subject	Duration	Topics Covered
Higher Chinese Language	2h (P1) 1h45min (P2)	试卷一： 一、实用文（私函、网上论坛二选一） 二、作文（记叙文、演讲词、议论文、材料作文，三选一） 试卷二： 一、语文应用（A组短文填充 B组病句改正） 二、阅读理解一 三、阅读理解二（A组和B组） 四、片段缩写
Higher Malay Language	2h (P1) 1h45m (P2)	<ul style="list-style-type: none"> - Penulisan E-mel, Forum - Karangan Deskriptif, Naratif, Teks Ucapan - Melengkapkan Teks - Mengedit Teks - Peribahasa - Kefahaman Subjektif - Kefahaman Objektif, Kosa Kata dan Peringkasan
Malay Language	2h (P1) 1h30m (P2) 1h (P3)	P1: Penulisan E-mel Tidak Rasmi, E-mel Rasmi, Karangan Deskriptif, Ekspositori & Naratif. P2: Imbuan, Peribahasa, Melengkapkan Teks, Kefahaman Objektif & Kefahaman Subjektif. P3: Kefahaman Mendengar
Physics	1h (P1) 1h45m (P2) 1h50m (P3)	All upper secondary chapters except subtopics on Transformer and Cathode Ray Oscilloscope Practical: Planning (P), Manipulation, measurement and observation (MMO), Presentation of data and observations (PDO), Analysis, conclusions and evaluation (ACE)

Subject	Duration	Topics Covered
Biology	1h (P1) 1h45m (P2) 1h50m (P3)	<ol style="list-style-type: none"> 1. Cell Structure and Organisation 2. Movement of Substances 3. Nutrients 4. Enzymes 5. Nutrition in Humans 6. Nutrition in Plants 7. Transport in Plants 8. Transport in Humans 9. Respiration in Humans 10. Excretion in Humans 11. Homeostasis 12. The Human Eye 13. The Nervous System 14. Hormones 15. Sexual Reproduction in Plants 16. Cell Division 17. Molecular Genetics 18. Inheritance <p>Practical: Planning (P), Manipulation, measurement and observation (MMO), Presentation of data and observations (PDO), Analysis, conclusions and evaluation (ACE)</p>

Subject	Duration	Topics Covered
Chemistry	1h (P1) 1h45m (P2) 1h50m (P3)	1: Experimental Chemistry 2: Methods of Purification and Analysis 3: Particulate Nature of Matter 4: Atomic Structure 5: Chemical Bonding 6: Acids, Bases and Salts 7: Identification of Ions and Gases 8: Formulae, Stoichiometry and Mole Concept 9: The Periodic Table (Trends and Properties) 10: Metals (Properties, Reactivity, Extraction, Iron and Recycling) 11: Air and Atmosphere 12: Redox Reactions 13: Energy from Chemicals 14: Speed of Reactions 15: Electrolysis 16: Ammonia 17: Organic Chemistry (Fuels and crude Oil, Alkanes, Alkenes, Alcohols and Carboxylic acids and Macromolecules) Practical: Planning (P), Manipulation, measurement and observation (MMO), Presentation of data and observations (PDO), Analysis, conclusions and evaluation (ACE)

BUKIT PANJANG GOVT HIGH SCHOOL
 Topics covered for Mid Year Examination 2019
Secondary 4 Normal (Acad)

Subject	Duration	Topics Covered
English Language	1h50m (P1) 1h50m (P2)	Paper 1: Editing, Situational Writing & Continuous Writing Paper 2: Comprehension (includes Summary Question)
English Lit. (Elective)	1h40m	The River Between + Unseen
History (Elective)	1h40m	<p><u>Section A - Source-based skills</u> All skills and question types 1 of the 3 chpts for SBQ will be set (Stalin, Hitler, Korean War)</p> <p><u>Section B - Structured-Essay Questions</u> S3 - Chpt 1 (TOV & LON), Chpt 2 (Stalin's USSR), Chpt 3 (Nazi Germany) S4 - Chpt 1 (Cold War in Europe), Chpt 2 (Korean War)</p>
Geography (Elective)	1h40m	All Sec 3 topics · Plate Tectonics GW 1 – 2 · Weather and Climate GW 1 – 2(Including GI) Sec 4 topics · Tourism GW 1 – 2 (Including GI)
Social Studies	1h45m	<p><u>Section A - Source-based skills</u> All skills and question types</p> <p><u>Section B - Structured-Response Questions (a) & (b)</u> Issue 3 - Globalisation (Chpts 8-9)</p>
Mathematics	2h (P1) 2h (P2)	All Sec 1-4 topics Paper 1 (50%) Short answer questions. Paper 2 (50%) Section A: compulsory section with one question on applying mathematics to a real-world context. Section B: choose one questions out of two questions

Subject	Duration	Topics Covered
Additional Mathematics	1h45m (P1) 1h45m (P2)	All Sec 1-4 topics Paper 1 (50%) and Paper 2 (50%) Candidates are required to answer all questions
Principles of Accounts	1h (P1) 2h (P2)	Chapter 1-16,19 Paper 1 (40%) Compulsory structured questions Paper 2 (60%) Section A: compulsory structured questions, one of which is on financial statements Section B: choose one questions out of two questions
Design and Technology	1h30m	<ol style="list-style-type: none"> 1. Design Communications 2. Structures 3. Mechanism 4. Basic Electronics and Electricity
Science(Physics)	1h15m (P1 and P2)	Kinetic Model of Matter Transfer of Thermal Energy Thermal Properties of Matter General Wave Properties Electromagnetic Spectrum Sound Current of Electricity D.C. Circuits Practical Electricity
Science(Chemistry)	1h15m (P3 and P4)	<ol style="list-style-type: none"> 1. Experimental Chemistry (Experimental Design, Methods of purification and analysis, Identification of gases) 2. The Particulate Nature of Matter (Kinetic Particle Theory, Atomic Structure, Structure and properties of materials, Ionic Bonding and Covalent Bonding) 3. Formulae and Mole Concept 4. Acids, Bases and Salts 5. The Periodic Table (Periodic trends and Group properties) 6. Metals (Properties of metals, reactivity series, extraction of metals, recycling of metals, iron) 7. Air 8. Organic Chemistry (Fuels and crude oil, alkanes and alkene)

Subject	Duration	Topics Covered
Science(Biology)	1h15m (P5 and P6)	<ol style="list-style-type: none"> 1. Cell Structure and Organisation 2. Movement of Substances 3. Nutrients 4. Enzymes 5. Nutrition in Humans 6. Nutrition in Plants 7. Transport in Plants 8. Transport in Humans 9. Respiration in Humans 10. Sexual Reproduction
Chinese Language	2h (P1) 1h30m (P2) 1h (P3)	试卷一： 一、实用文（私函、公函，二选一）20分 二、作文（记叙文、议论文、材料作文，三选一）40分 试卷二： 一、综合填空 10分 二、阅读理解一 20分 三、阅读理解二（A组和B组）40分 试卷三：听力 20分
Malay Language	2h (P1) 1h30m (P2) 1h (P3)	P1: Penulisan E-mel Tidak Rasmi, E-mel Rasmi, Karangan Deskriptif, Ekspositori & Naratif. P2: Imbuan, Peribahasa, Melengkapkan Teks, Kefahaman Objektif & Kefahaman Subjektif. P3:Kefahaman Mendengar
Chinese Language (B)	50m(P1) 1h(P2) (P3)	P1: 电邮或看图作文（20分） P2: 语文应用，阅读理解一，阅读理解二（共30分） P3: 听力（20分），口试（30分）
Malay Language (B)	50m(P1) 1h(P2) (P3)	P1: Penulisan Emel Tidak Rasmi, Penulisan Karangan Bergambar P2: Tatabahasa (MCQ), Kefahaman Objektif P3: Lisan & Kefahaman Mendengar

BUKIT PANJANG GOVT HIGH SCHOOL
 Topics covered for Mid Year Examination 2019
Secondary 4 Normal (Tech)

Subject	Duration	Topics Covered
English Language	1 h 15 m (P1) 1 h 20 m (P2) 45 min (P3)	Paper 1: Form Filling, Functional Writing & Guided Writing Paper 2: Language Use & Comprehension Paper 3: Listening Comprehension
Mathematics (NA)	2h (P1) 2h (P2)	All Sec 1-4 topics Paper 1 (50%) Short answer questions. Paper 2 (50%) Section A: compulsory section with one question on applying mathematics to a real-world context. Section B: choose one questions out of two questions
Mathematics (NT)	1h30m (P1) 1h30m (P2)	All Sec 1-4 topics Paper 1 (50%) Paper 2 (50%) Candidates are required to answer all questions
Elements of Business Skills	1h30m	All Sec 3-4 topics
Design and Technology	1h	<ol style="list-style-type: none"> 1. Design Communications 2. Mechanism 3. Basic Electronics and Electricity
Food Studies	1h30m (P1) 3h (P2)	<ol style="list-style-type: none"> 1. Meal Planning and Meal Analysis 2. Food Management 3. Food Commodities
Computer Applications	1h15m (P1) 1h30m (P2) 1h30m (P3)	Computer Fundamentals (CPF) Media Elements (MEL) Document Processing (DOP) Spreadsheets (SST) Multimedia Communication (MMC) Media Computing (MEC) Paper 1 (Theory): All the topics above Paper 2 (Practical): MEL, DOP, MMC Paper 3 (Practical): SST, MEC

Subject	Duration	Topics Covered
Science	1 h (P1) 1 h 15 m (P2)	Chpt 1: Energy and Its Uses Chpt 2: Energy Transfer through Waves Chpt 3: Effects of Forces Chpt 4: Electricity Chpt 5: Sources of Electricity Chpt 6: Sources of Food Chpt 7: Food Chemistry Chpt 8: Food Health and Safety Chpt 9: Digestion Chpt 10: Breathing Chpt 11: Fitness and Cardiac Health Chpt 12: Staying Healthy (All S3 and S4 topics)
Basic Chinese Language	50m (P1) 45m (P3)	试卷一： 一、语文应用 二、阅读理解（一） 三、阅读理解（二） 试卷三：听力
Basic Malay Language	50m (P1) 1 hr (P3)	P1: Melengkapkan Teks (MCQ), Kefahaman Objektif, Penulisan SMS/E-mel Tidak Rasmi/Blog P3: Kefahaman Mendengar

BUKIT PANJANG GOVT HIGH SCHOOL
 Topics covered for Mid Year Examination 2019
Secondary 5 Normal (Acad)

Subject	Duration	Topics Covered
English Language	1h50m (P1) 1h50m (P2)	Paper 1: Editing, Situational Writing & Continuous Writing Paper 2: Comprehension (includes Summary Question)
English Lit. (Elective)	1h40m	The Joy Luck Club + Unseen
History (Elective)	1h40m	<u>Section A - Source-based skills</u> All skills and question types 1 of the 4 chpts for SBQ will be set (Stalin, Hitler, Korean War and Cuban Missile Crisis) <u>Section B - Structured-Essay Questions</u> S3 - Chpt 1 (TOV & LON), Chpt 2 (Stalin's USSR), Chpt 3 (Nazi Germany) S4 - Chpt 1 (Cold War in Europe), Chpt 2 (Korean War), Chpt 3 (Cuban Missile Crisis)
Social Studies	1h45m	<u>Section A - Source-based skills</u> All skills and question types <u>Section B - Structured-Response Questions (a) & (b)</u> Issue 3 - Globalisation (Chpts 8-11)
Mathematics	2h (P1) 2h30m (P2)	All Sec 1-4 topics Paper 1 (50%) Short answer questions. Paper 2 (50%) Contextual questions, including question on applying Mathematics to real-world scenario.
Additional Mathematics	2h (P1) 2h30m (P2)	Topics: Chapter 1-9,11-13 Paper 1 (44%) and Paper 2 (56%) Candidates are required to answer all questions
Principles of Accounts	1h (P1) 2h (P2)	All Sec 3-5 topics, except Chapter 18 Paper 1 (40%) Compulsory structured questions Paper 2 (60%) Section A: compulsory structured questions, one of which is on financial statements Section B: choose one questions out of two questions

Subject	Duration	Topics Covered
Food and Nutrition	2h	<ol style="list-style-type: none"> 1. Nutrients 2. Diet & Health 3. Meal Planning 4. Food Commodities 5. Science behind preparation and cooking 6. Reaction in food during preparation and cooking
Science(Physics/Chemistry)	1h (P1) 1h15m (P2) 1h15m (P3) 1h30m (P5)	<p><u>Physics</u> All chapters</p> <p><u>Chemistry</u></p> <ol style="list-style-type: none"> 1: Experimental Chemistry 2: Methods of Purification and Analysis 3: Particulate Nature of Matter 4: Atomic Structure 5: Chemical Bonding 6: Acids, Bases and Salts 7: Identification of Ions and Gases 8: Formulae, Stoichiometry and Mole Concept 9: The Periodic Table (Trends and Properties) 10: Metals (Properties, Reactivity, Extraction, Iron and Recycling) 11: Air and Atmosphere 12: Redox Reactions 13: Energy from Chemicals 14: Speed of Reactions 15: Organic Chemistry (Fuels and crude Oil, Alkanes, Alkenes, Alcohols and Carboxylic acids and Macromolecules)
Chinese Language	2h (P1) 1h30m (P2) 1h (P3)	<p>试卷一：</p> <ol style="list-style-type: none"> 一、实用文（私函、公函，二选一）20分 二、作文（记叙文、议论文、材料作文，三选一）40分 <p>试卷二：</p> <ol style="list-style-type: none"> 一、综合填空 10分 二、阅读理解一 20分 三、阅读理解二（A组和B组）40分 <p>试卷三：听力 20分</p>