

BUKIT PANJANG GOVT HIGH SCHOOL
 Topics covered for End of Year Examination 2017
Secondary 3 Express

Subject	Duration	Topics Covered
English Language	1h 50m (P1) 1h 50m (P2) 45m (P3)	Paper 1: Editing, Situational Writing, Continuous Writing Paper 2: Comprehension (Includes Summary Question) Paper 3: Listening Comprehension
English Literature (Full)	1h 40m	The Joy Luck Club + Unseen Poetry/Prose
English Lit. (Elective)	1h 40m	The Joy Luck Club + Unseen Poetry/Prose
Geography	1h (P1) 1h30m (P2)	Paper 1: 1. Coasts - Should Coastal Environments Matter? 2. Geographical Skills and Investigations (Coast) Paper 2: 1. Living with Tectonic Hazards - Risk or Opportunity 2. Variable Weather and Changing Climate - A Continuing Challenge?
History (Elective)	1h30m	<u>SBCS Skills:</u> Inference (What? What is the message? Why?), Compare & Contrast, Reliability, Utility <u>Structured-Essay Questions (a) (b)</u> <u>Chapters tested:</u> Chapter 3: Hitler's Germany Chapter 4: Outbreak of World War II In Europe Chapter 5: Germany's Defeat in World War II Chapter 6: Outbreak of World War II in the Asia Pacific Chapter 7: Japan's Defeat in World War II

Subject	Duration	Topics Covered
Social Studies	1h30m	<p><u>SBCS Skills:</u> Inference (What? What is the message? Why?), Compare & Contrast, Reliability, Utility</p> <p><u>SRQ (a) & SRQ (b)</u></p> <p><u>Chapters Tested:</u> Chapter 4: What is Diversity? Chapter 5: Why is there Greater Diversity in Singapore Now? Chapter 6: What are the Experiences and Effects of Living in a Diverse Society? Chapter 7: How can we Respond in a Diverse Society?</p>
Elementary Mathematics	2h	Chapters 1 to 7 Chapter 11
Additional Mathematics	2h	Chapters 1, 2, 3, 4, 5, 6, 7, 8
Physics	2h	<ol style="list-style-type: none"> 1. Physical Quantity, Units and Measurement 2. Mass, Weight and Density 3. Kinetic Model of Matter 4. Temperature 5. Transfer of Thermal Energy 6. Thermal Properties of Matter 7. Kinematics 8. Dynamics (Forces) 9. Turning Effects of Forces 10. Energy, Work and Power 11. Pressure 12. Light 13. General Wave Properties

Subject	Duration	Topics Covered
Chemistry	2h	1. Experimental Chemistry (includes drying agents) 2. Methods of Purification and Analysis 3. Kinetic Particle Theory 4. Atomic Structure 5. Covalent and Ionic Bonding 6. Acids, Bases and Salts 7. Qualitative Analysis 8. Formulae, Stoichiometry and the Mole Concept 9. Air and Atmosphere 10. The Periodic Table 11. Metals 12. Redox
Biology	2h	1. Cells 2. Molecular Genetics 3. Movement of Substances 4. Enzymes 5. Nutrients 6. Nutrition in Man 7. Transport in Man 8. Respiration 9. Nutrition in Plants 10. Transport in Plants 11. Excretion
Chinese Language	2h (P1) 1h30m (P2) 1h (P3)	试卷一： <ul style="list-style-type: none"> ● 实用文-20分 ● 作文-40分 试卷二： <ul style="list-style-type: none"> ● 综合填空-10题，20分 ● 阅读理解（一）-10题，20分 ● 阅读理解（二）-40分 试卷三：听力-20分 口试：40分

Subject	Duration	Topics Covered
Higher Chinese Language	2h (P1) 1h45m (P2)	试卷一： <ul style="list-style-type: none"> ● 实用文-20分 (私人电邮、公务电邮) ● 作文-60分 (记叙文、议论文、材料作文) 试卷二： <ul style="list-style-type: none"> ● 综合填空：5题，10分 ● 病句修改：5题，10分 ● 阅读理解 (一)：说明文-选择题和简答题，5题，10分 ● 阅读理解 (二) <ul style="list-style-type: none"> ○ A组：记叙文-5题，22分 ○ B组：议论文-4题，16分 ● 长文缩短 (12分) 口试：40分
Higher Malay Language	2h (P1) 1h 45m (P2)	P1: Penulisan E-mel Tidak Rasmi, Karangan Deskriptif, Teks Ucapan & Naratif. P2: Melengkapkan Teks, Mengedit Teks, Peribahasa, Kefahaman Subjektif, Kefahaman Objektif & Peringkasan
Chinese Language 'B'	50min (P1) 1h (P2) 40min (P3)	试卷一： <ul style="list-style-type: none"> ● 作文或电邮-20分 试卷二： <ul style="list-style-type: none"> ● 综合填空-10分 ● 阅读理解-20分 试卷三：听力-20分 口试：30分

BUKIT PANJANG GOVT HIGH SCHOOL
 Topics covered for End of Year Examination 2017
Secondary 3 Normal (Acad)

Subject	Duration	Topics Covered
English Language	1h 50m (P1) 1h 50m (P2) 45m (P3)	Paper 1: Editing, Situational Writing, Continuous Writing Paper 2: Comprehension (Includes Summary Question) Paper 3: Listening Comprehension
English Lit. (Elective)	1h 40m	The Joy Luck Club + Unseen Poetry/Prose
History (Elective)	1h30m	<u>SBCS Skills:</u> Inference (What? What is the message? Why?), Compare & Contrast, Reliability <u>Structured-Essay Questions (a) (b)</u> <u>Chapters tested:</u> Chapter 3: Hitler's Germany Chapter 4: Outbreak of World War II In Europe Chapter 5: Germany's Defeat in World War II
Social Studies	1h30m	<u>SBCS Skills:</u> Inference (What? What is the message? Why?), Compare & Contrast, Reliability <u>SRQ (a) & SRQ (b)</u> <u>Chapters Tested:</u> Chapter 4: What is Diversity? Chapter 5: Why is there Greater Diversity in Singapore Now? Chapter 6: What are the Experiences and Effects of Living in a Diverse Society?
Elementary Mathematics	2h	Chapter 1 to 8
Additional Mathematics	2h	Chapter 1, 2, 3, 4, 5, 6, 7
Principles of Accounts	2h	Chapter 3, 4, 7, 8, 9, 10, 12, 13, 19 (only income Statement & Balance Sheet with adjustments)

Subject	Duration	Topics Covered
Food and Nutrition	1h30m	<ol style="list-style-type: none"> 1. Meal planning 2. Nutrients 3. Food commodities (Eggs + Fruits + Vegetables) 4. Science behind food preparation 5. Convenienced food
Design and Technology	1h30m	<ol style="list-style-type: none"> 1. Design and communications 2. Structures 3. Mechanisms 4. Basic electronics & electricity
Science(Physics)	1h15m	<ol style="list-style-type: none"> 1. Physical Quantities, Units and Measurement 2. Kinematics 3. Dynamics 4. Mass, Weight and Density 5. Turning Effect of Forces 6. Pressure 7. Energy, Work and Power 8. Kinetic Model of Matter 9. Transfer of Thermal Energy 10. Thermal Properties of Matter 11. Electromagnetic Spectrum
Science(Chemistry)	1h15m	<ol style="list-style-type: none"> 1. Elements, Compounds & Mixtures 2. Measurement & Experimental Techniques 3. Methods of Purification & Analysis 4. Particulate Nature of Matter 5. Atomic Structure 6. Ionic & Covalent Bonding 7. Formulae, Stoichiometry, Chemical Equations & Ionic Equations 8. Acids and Bases 9. Salts 10. The Periodic Table

Subject	Duration	Topics Covered
Chinese Language	2h (P1) 1h30m (P2) 1h (P3)	试卷一： <ul style="list-style-type: none"> ● 实用文-20分 ● 作文-40分 试卷二： <ul style="list-style-type: none"> ● 综合填空-10题，20分 ● 阅读理解（一）-10题，20分 ● 阅读理解（二）-40分 试卷三：听力-20分 口试：40分
Malay Language	2h (P1) 1h 30m (P2) 1h (P3)	P1: Penulisan E-mel Tidak Rasmi, E-mel Rasmi, Karangan Deskriptif, Ekspositori & Naratif. P2: Imbuhan, Peribahasa, Melengkapkan Teks, Kefahaman Objektif & Kefahaman Subjektif. Kefahaman Mendengar
Chinese Language 'B'	50min (P1) 1h (P2) 40min (P3)	试卷一： <ul style="list-style-type: none"> ● 作文或电邮-20分 试卷二： <ul style="list-style-type: none"> ● 综合填空-10分 ● 阅读理解-20分 试卷三：听力-20分 口试：30分

BUKIT PANJANG GOVT HIGH SCHOOL
 Topics covered for End of Year Examination 2017
Secondary 3 Normal (Tech)

Subject	Duration	Topics Covered
English Language	1h 15m (P1) 1h 20m (P2) 45m (P3)	Paper 1: Form Filling, Functional Writing & Guided Writing Paper 2: Language Use and Comprehension Paper 3: Listening Comprehension
Mathematics (NA) Mathematics (NT)	2h 1h30m	(NA) Chapter 1 to 8 (NT) Chapter 1 to 6
Elements of Business Skills	1h30m	Chapters 1 to 5 Chapter 6 (Up to Service Breakdown & Recovery)
Design and Technology	1h	<ol style="list-style-type: none"> 1. Design and communications 2. Mechanisms 3. Basic electronics & electricity
Computer Applications	1h15m (P1) 1h30m (P2)	P1: Sec 1 to Sec 3 topics P2: Document processing, Media Computing, algorithm
Science	1h (P1) 1h 15m (P2)	<u>Module 4</u> Chp 1: Energy and Its Uses Chp 2: Energy Transfer Through Waves Chp 3: Effects of Forces Chp 4: Electricity <u>Module 5</u> Chp 6: Sources of Food Chp 7: Food Chemistry Chp 8: Food Health and Safety <u>Module 6</u> Chp 12: Staying healthy

Subject	Duration	Topics Covered
Basic Chinese Language	50m (P1) 1h (P3)	试卷一：60分 1. 选词填空：10题，10分 2. 错字辨析：5题，10分 3. 短文填充：10题，10分 4. 综合填空：5题，10分 5. 阅读理解一：5题，10分 6. 阅读理解二：10分 a. MCQ+简答题+SMS/Email 试卷三：听力 20分 口试：50分
Basic Malay Language	50m (P1) 1h (P3)	P1: Melengkapkan Teks (MCQ), Kefahaman Objektif, Penulisan SMS/E-mel Tidak Rasmi P3: Kefahaman Mendengar