



# WINGEN HEIGHTS SECONDARY SCHOOL

TERM 4 – CONTROLLED TESTS – NOV 2020

19 OCTOBER 2020

DATE	DAY	GRADE 11	
02-Nov	MON	GRADE 11 REPORT TO SCHOOL	
03-Nov	TUES	GRADE 10 REPORT TO SCHOOL	
04-Nov	WED	SESSION 1	MATHS P1 (1,5) M LIT P1 (1)
		SESSION ENDS AT 10H30	
		SESSION 2	EGD (2)
		SESSION ENDS AT 13H30	
05-Nov	THURS	SESSION 1	ENGLISH P2 (2)
		SESSION ENDS AT 11H00	
		SESSION 2	
06-Nov	FRI	SESSION 1	AFRIK/ISIZULU P2 (1)
		SESSION ENDS AT 10H00	
		SESSION 2	
09-Nov	MON	SESSION 1	MATHS P2 (1,5) M.LIT P2 (1)
		SESSION ENDS AT 10H30	
		SESSION 2	
10-Nov	TUES	SESSION 1	LIFE SCIENCE (2) ECONOMICS (2) HOSP STUDIES (2)
		SESSION ENDS AT 11H00	
		SESSION 2	
		SESSION 1	TOURISM (2) PHY SCIENCE (2)
11-Nov	WED	SESSION ENDS AT 11H00	
		SESSION 2	
12-Nov	THURS	SESSION 1	
		SESSION 2	

DATE	DAY	GRADE 11	
16-Nov	MON	SESSION 1	GEOGRAPHY (2) INFO TECH (2)
		SESSION ENDS AT 11H00	
		SESSION 2	
17-Nov	TUES	SESSION 1	BUS STUDIES (2)
		SESSION ENDS AT 11H00	
		SESSION 2	
18-Nov	WED	SESSION 1	ENGLISH P1 (1,5)
		SESSION ENDS AT 10H30	
		SESSION 2	ACCOUNTING (2)
		SESSION ENDS AT 13H30	
19-Nov	THURS	SESSION 1	
		SESSION 2	
20-Nov	FRI	SESSION 1	AFRIK/ISIZULU P1 (1)
		SESSION 2	LIFE ORIENTATION (1)
		SESSION ENDS AT 12H00	
23-Nov	MON	SESSION 1	
		SESSION 2	
24-Nov	TUES	SESSION 1	
		SESSION 2	
25-Nov	WED		
26-Nov	THURS	REVIEW OF PAPERS	
27-Nov	FRI		

WINGEN HEIGHTS SECONDARY SCHOOL - SCOPE OF TESTING:  
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1. ENGLISH	
<b>PAPER 1</b> <b>DURATION: 1.5 HOURS</b> <b>MARKS: 60</b>  <b>SECTION A</b> - Comprehension (20)  <b>SECTION B</b> - Summary Writing (10)  <b>SECTION C</b> - Advertising (10) - Cartoons (10) - Language (10) * Punctuation * Direct and Indirect Speech * Malapropism * Apostrophe * Concord	<b>PAPER 2</b> <b>DURATION: 2 hrs</b> <b>MARKS: 55</b>  Unseen Poem – compulsory poem (10)  The following prescribed poems: (20)  Anthem for doomed youth London 1802 Da same da same We wear the mask  3 will appear You answer 2  Compulsory Macbeth Contextual: (25)  Total 55

2. AFRIKAANS	
<b>PAPER 1</b> <b>DURATION : 1 HOUR</b> <b>MARKS : 40</b> Afdeling A : Leesbegrip (15) : Strokiesprent (5) Afdeling B : Opsomming (10) Afdeling C : Taalstrukture (10)	<b>PAPER 2</b> <b>DURATION : 1 HOUR</b> <b>MARKS : 35</b> 2 X gedigte  <b>PAPER 3</b> <b>DURATION : 1½ HOURS</b> <b>MARKS : 80</b> Afdeling A : Opstel (50) Afdeling B : Lang Transaksionele teks (30)

3. ISIZULU	
<b>IPHEPHA LOKU-1</b> <b>ISIKHATHI : IHORA ELI-1</b> <b>ISAMBA SAMAMAKI : 40</b>  Isiqephu A : Isifundo sokuqondisisa (15) Ikhathuni (05) Isiqephu B : Ukufigqa (10) Isiqephu C : Ukusetshenziswa kolimi (10)	<b>IPHEPHA LESI-2</b> <b>ISIKHATHI : IHORA ELI-1</b> <b>ISAMBA SAMAMAKI : 35</b>  Umbhalo wobuciko : <b>INOVELI kuphela</b> (Amanyal'enyoka)  <b>IPHEPHA LESI-3</b> <b>ISIKHATHI : IHORA ELI-1½</b> <b>ISAMBA SAMAMAKI : 80</b> Isiqephu A : Indaba (50) Isiqephu B : Umbhalo omude wokuziqambela(30)

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4. MATHEMATICS	
<b>PAPER 1</b> <b>DURATION: 1½ HOURS</b> <b>MARKS: 75</b>  Algebra, Equations and Inequalities Surds and Exponents Number Patterns Functions and Graphs Probability	<b>PAPER 2</b> <b>DURATION: 1½ HOURS</b> <b>MARKS: 75</b>  Analytical Geometry Trigonometry Euclidean Geometry

5. MATHS LITERACY	
<b>PAPER 1</b>  <b>Topic: Patterns, relationships and representations</b> <ul style="list-style-type: none"> <li>• Patterns and relationships</li> <li>• Representations of relationships in tables, equations and graphs</li> <li>• Draw and interpret/analyse two graphs on the same set of axes</li> <li>• Compare representations of two relationships</li> </ul> <b>Topic: Measurement</b> <ul style="list-style-type: none"> <li>• Conversions (including metric to imperial system, solid to liquid, temperature)</li> <li>• Time</li> </ul> <b>Topic: Finance</b> <ul style="list-style-type: none"> <li>• Financial Documents</li> <li>• Tariff systems</li> <li>• Income, expenditure, profit/loss, income-and-expenditure statements and budgets</li> <li>• Cost and selling price</li> <li>• Break-even analysis</li> </ul> <b>Topic : Finance</b> <ul style="list-style-type: none"> <li>• Interest</li> <li>• Banking</li> <li>• Inflation</li> </ul> <b>Topic: Measurement</b> <ul style="list-style-type: none"> <li>• Measuring length and distance</li> <li>• Measuring mass (weight)</li> <li>• Measuring volume (measuring spoons and cups; jugs, bottles and/or canisters; buckets and wheelbarrows) without a formula.</li> <li>• Measuring temperature.</li> </ul>	<b>PAPER 2</b>  <ul style="list-style-type: none"> <li>• Both Paper 1 and Paper 2 the same content will be tested.</li> </ul>

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<b>Topic: Maps, plans and other representation of the physical world</b> <ul style="list-style-type: none"> <li>• Scales</li> <li>• Maps</li> </ul>	
<b>6. LIFE SCIENCES</b>	
<ul style="list-style-type: none"> <li>* Biodiversity and classification of Microorganisms</li> <li>* Biodiversity of plants</li> <li>* Biodiversity of animals</li> <li>* Photosynthesis</li> <li>* Animal Nutrition</li> <li>* Cellular Respiration</li> <li>* Gaseous Exchange</li> <li>* Excretion</li> <li>* Human impact on Environment</li> </ul> <p>Diagrams, tables and data response type questions will be in the paper. <b>No essays are in the paper</b></p>	
<b>7. PHYSICAL SCIENCE</b>	
<b>Physics</b> 1. <b>Electrostatics:</b> 1.1 Coulomb's Law 1.2 Electric fields  2. <b>Electromagnetism:</b> 2.1 Magnetic field associated with current carrying wires. 2.2 Faraday's Law  3. <b>Electric circuits</b> 3.1 Ohm's Law; Circuit calculations 3.2 Power, Energy  4. <b>Newton's Second Law</b> : theory and calculations	<b>Chemistry</b> 1. <b>Quantitative aspects of chemical change</b> 1.1 Mole concept and calculations 1.2 Empirical formula, % Composition 1.3 Molar volume of gases; concentration of solutions 1.4 Stoichiometric calculations (including titrations) 1.5 More complex stoichiometric calculations (Incl. Limiting reagents and percentage yield) 1.6 Volume relationships in gaseous reactions  2. <b>Energy and chemical change:</b> 2.1 Energy changes in reactions related to bond energy changes. 2.2 Exothermic and endothermic reactions. 2.3 Activation energy.  3. <b>Intermolecular forces:</b> TYPES and relation to boiling point.

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<b>8. LIFE ORIENTATION</b>	
Duration : 1 Hour      Marks: 50  <ul style="list-style-type: none"> <li>❖ <u>Development of the self in society</u>              -Goal setting              -The role of media in society              -Accidents and Risky behaviour              -Gender roles</li> <li>❖ <u>Career and career choices</u>              -Admission to higher education              -Financial assistance              -Career guidance</li> </ul>	
<ul style="list-style-type: none"> <li>❖ <u>Study Skills</u>              -Study styles and strategies</li> <li>❖ <u>Social &amp; Environmental Responsibility</u>              -Environmental issues that cause ill-health</li> </ul>	
<b>9. GEOGRAPHY</b>	
<b>Marks: 120</b> <b>Duration: 2 Hours</b>  <b>Question 1 – The Atmosphere (45 marks)</b> <ul style="list-style-type: none"> <li>➤ Atmospheric pressure</li> <li>➤ Winds and air masses</li> <li>➤ Droughts</li> </ul> <b>Question 2 – Development and Resources (45 Marks)</b> <ul style="list-style-type: none"> <li>➤ Exploitation and depletion of resources</li> <li>➤ Sustainability and sustainable use of resources</li> <li>➤ Soil as a resource</li> <li>➤ Causes of soil erosion</li> <li>➤ Community based development</li> <li>➤ Development challenges and development aid.</li> </ul> <b>Question 3 – Mapwork (30 Marks)</b> <ul style="list-style-type: none"> <li>➤ Straight line distance</li> <li>➤ Area</li> <li>➤ True bearing and Magnetic Bearing</li> <li>➤ Gradient</li> </ul>	

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<ul style="list-style-type: none"> <li>➤ Interpretation of maps</li> <li>➤ GIS</li> </ul>	
<b>10. TOURISM</b>	
<p>1. Tourism sectors</p> <p>1.1 - job and career opportunities: transport, hospitality, attractions</p> <p>- requirements and qualities, characteristics and essential skills</p> <p>1.2 entrepreneurial opportunities in tourism</p> <p>2. Map work and tour planning</p> <p>2.1 tour itinerary</p> <p>3. Tourism attractions/ Regional Tourism: SADC countries: (World Heritage Sites, location and capital)</p> <p>3.1 Zimbabwe</p> <p>3.2 Tanzania</p> <p>3.3 Swaziland</p> <p>3.4 Mozambique</p> <p>4. Domestic Tourism Growth Strategy: 2012-2020</p> <p>4.1 5 segments ( trends)</p> <p>4.2 RETOSA</p>	<p>5. Culture and Heritage:</p> <p>5.1 importance of culture in your province (folklore, dress, cuisine), how it promotes inbound and domestic tourism.</p> <p>5.2 South African Heritage bodies</p> <p>5.2.1 SAHRA – logo and functions</p> <p>6. Foreign Exchange: conversions</p> <p>7. Communication and customer care</p> <p>7.1 customer care for foreign tourists</p> <p>7.2 customer complaints</p> <p>7.3 managing quality service</p> <p>8. Different types of promotional/advertising techniques.</p> <p>8.1 Above the line promotional techniques</p> <p>8.2 Below the line promotional techniques</p> <p>9. The tour itinerary: concept, factors, and different types.</p>
<b>11. HISTORY</b>	
NO HISTORY	NO HISTORY
<b>12. ENGINEERING GRAPHICS AND DESIGN</b>	
<p><b>Engineering Graphics &amp; Design</b></p> <p>Grade 11 – Div. A (3 learners)    Div. B (24 learners)</p> <p>Date: 4 November 2020</p> <p>Session : Two</p> <p>Time : Two Hours</p> <p>Marks : 120</p>	<p><b>3 Questions</b></p> <p>Question One : Solid Geometry    40 marks</p> <p>Question Two : Cams    40 marks</p> <p>Question Three : Mechanical Assembly 40 marks</p>
<b>13. HOSPITALITY STUDIES</b>	
<p>Chicken,</p> <p>Fish</p> <p>Stock</p> <p>Rice</p> <p>Service sequence</p> <p>Methods of payment</p>	<p>Food storage</p> <p>Stock receiving and storage</p> <p>Contamination</p> <p>Vegetables</p> <p>Service styles</p> <p><b>TOTAL 150 2hrs</b></p>

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<b>14. ACCOUNTING</b>	
<p><b>TOTAL MARKS: 100</b></p> <p><b>TIME : 2 HOURS</b></p> <p><b>1. Partnership:</b></p> <p>1.1 Income Statement</p> <p>1.2 Balance Sheet</p> <p>1.3 Notes to the Financial Statement</p> <p><b>2. Partnership:</b></p> <p><b>2.1 Ratios</b></p> <p>2.1.1 Calculations</p> <p>2.1.2 Analysis and Interpretation</p> <p><b>3. Inventory:</b></p> <p>3.1 Periodic inventory</p>	<p><b>4. Budgets</b></p> <p>4.1 Cash Budgets</p> <p>4.2 Debtors Collection Schedules</p> <p>4.3 Creditors Payment Schedule</p> <p><b>5. Manufacturing</b></p> <p>5.1 Ledger Accounts</p> <p>5.2 Cost concepts and calculations Including break-even point</p> <p>6. Bank Reconciliation</p> <p>7. Fixed Assets</p> <p>7.1 Asset Disposal</p>
<b>15. ECONOMICS</b>	
<p><b>Macroeconomics + economic pursuits</b></p> <p>Topic 1 – Factors of Production</p> <p>Topic 2 – Circular flow and Quantitative elements</p> <p>Topic 3 – Economic Systems</p> <p>Topic 4 – Economic Structure</p> <p><b>Guidelines for essays</b></p> <p><b>(Focus essays)</b></p> <p>3. Entrepreneurship as a factor of production (T1)</p> <p>4. Mixed economy (T3)</p> <p>5. Different methods used to distribute income and wealth. (T8)</p>	<p><b>Micro-economics</b></p> <p>Topic 5 - Relationship between markets</p> <p>Topic 6 - Production Costs and revenue and market structures</p> <p>Topic 7- Price Elasticity</p> <p>Topic 8 - Economic Growth</p> <p><b>(Focus essays)</b></p> <p>1. FOUR broad types of market structures (T5) (perfect competition, monopolistic competition, oligopoly and monopoly).</p> <p>2. Different forms of price elasticity of demand</p> <p>3. Discuss in detail the demand and supply relationships in markets with the aid of graphs (complements and substitutes)</p>

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16. BUSINESS STUDIES	
<p><b>SECTION A (Compulsory) [20 Minutes]</b></p> <p>QUESTION 1: 1.1. Multiple-choice (5 x 2) 1.2. Match columns or choose the correct word in brackets (5 X 2). 1.3. Choose the correct word (10)</p> <p><b>SECTION B [ 70 Minutes]</b></p> <p>Answer ANY TWO questions in this section.</p> <p>QUESTION 2: Business Environments OR Business Operations OR Business Environments and Business Operations</p> <p>QUESTION 3: Business Ventures or Business Roles OR Business Ventures and Business Roles</p> <p>QUESTION 4: MISCELLANEOUS TOPICS</p> <p>TOTAL SECTION: B: 80</p> <p><b>SECTION C [ 30 Minutes]</b></p> <p>ANSWER ONE (1) QUESTION IN THIS SECTION</p> <p>Question 5: Business Environment OR Business Operations <b>OR</b> Question 6: Business Ventures OR Business Roles</p> <p>TOTAL SECTION C: 40</p> <p><b>TOTAL MARKS: 150 TOTAL TIME: 2 HOURS</b></p>	<p><b>TOPICS</b></p> <p><b>BUSINESS ENVIROMENTS</b> Topic 1 – Micro; Market &amp; Macro Environment Topic 2 – Business Sectors</p> <p><b>BUSINESS OPERATIONS</b> Topic 3 – Introduction to Human Resources</p> <p><b>BUSINESS VENTURES</b> Topic 4 – Presentation of Business Information Topic 5 – Entrepreneurial qualities and success factors</p> <p><b>BUSINESS ROLES</b> Topic 6 –Creative thinking and problem solving Topic 7- Professionalism &amp; Ethics Topic 8- Team Dynamics (Stages of Team Performance)</p> <p><b>GUIDELINES FOR ESSAYS</b></p> <p><u>Question 5:</u> BUSINESS ENVIROMENTS Micro; Market &amp; Macro Environment <b>OR</b> BUSINESS OPERATIONS Introduction to Human Resources <b>OR</b> <u>Question 6</u> BUSINESS VENTURES Presentation of Business Information <b>OR</b> BUSINESS ROLES Professionalism &amp; Ethics</p>

17. INFORMATION TECHNOLOGY	
<b>1 x 2 Hour Written Test 100 marks</b>	
<p><b>Section 1 Theory 60 marks</b></p> <p>Modules to be tested</p> <p>1.1 Hardware 1.2 Software 1.3 Computer Management 2.1 Networks 2.4 Internet Service Technologies</p>	<p><b>Section 2 Delphi Solution Development 40 marks</b></p> <p>Concepts to be test via written answers Random, Randomrange, Inc, Dec, div, Mod, Trunc Sqr, Sqrt, Power, Ceil, Floor String Handling Length, Copy, Pos, Delete, Strings as an array of characters eg sName[1]</p>