WOODWORK PAPER 1

1. GENERAL

1.1 The teaching of Theory is still neglected by many schools.

1.2 Educators must discuss this report, as well as previous examiners' reports with their candidates before the mid-year examination. A copy of this report should be kept in each candidate's theory book or file.

1.3 Candidates were not familiar with the correct Woodwork terminology.

1.4 The majority of candidates began their answers to each question on a new page. Candidates should not write in the margins of pages in the answer book and should be encouraged to write legibly and neatly.

1.5 The answers given by some candidates indicated that they did not understand the questions or were not familiar with the content of the Woodwork course.

2. QUESTION 1

This question was well answered.

2.1 Questions 1.1.1. to 1.1.4 were fairly well answered. Many candidates were not familiar with the characteristics of the different types of timber in the Grade 12 syllabus. Answers to Question 1.1.4 was crammed into very small tables, which resulted in answers that were difficult to read.

2.2 The question on the conversion of timber was poorly answered. Many candidates could not identify the sectional method as the correct answer. Question 1.4 was well answered.

2.3 Question 1.5 was generally well answered. Some candidates did not attempt to give an answer to each of these questions, despite the fact that they could choose an answer.

3. QUESTION 2

This question was fairly well answered.

3.1 The working stages in the planning timber was very poorly answered. Wrong answers were given to Question 2.2 because many candidates misinterpreted the sketch. The question on the damaged cutting iron was well answered. However, many candidates could not identify the oilstone as part of the equipment needed to repair the damage.

3.2 Few candidates could give the differences between the appearance and the uses of the marking and cutting gauge.

3.3 The majority of candidates gave the correct answer of the G clamp for Question 2.5.1. The question on the technique used in cutting a stub mortise to the correct depth was fairly well answered.

3.4 A large number of candidates failed to mention that accidents may occur if a blunt chisel slips.

4. QUESTION 3

This question was very poorly answered.

4.1 Candidates did well in answering the question on the precautions to be taken when using a bandsaw. Many candidates did not know the functions of the tension handle. Few candidates knew that the spacing or gap between the guide pins and blade must be the thickness of a strip of paper.

4.2 Questions 3.2.1 to 3.2.4 on the woodturning lathe was generally very poorly answered. Candidates did not know the difference between spindle turning and faceplate turning. A large number of candidates wrongly describe the hollowing of the bowl instead of the shaping of the outside of the bowl. A large number of candidates did not know about the two adjustments needed during the turning process. However, the question on the function of the safety goggles was well answered.

4.3 The section dealing with the jointer was very poorly answered. A large number of candidates could not give the adjustments that were needed.

4.4 The questions dealing with the safety precautions of the circular saw was reasonably well answered.

5. QUESTON 4

This question was very poorly answered.

5.1 Questions 4.1 and 4.2, dealing with the techniques used in cutting joints, were reasonably answered. Candidates identified A as the correct sketch, but failed to give the correct reason. The golden rule, that one should always cut on the waste side of a joint, was mentioned by a small number of candidates.

5.2 Candidates did very poorles in identifying the obvious mistakes in the joint constructions in Questions 4.3.1 and 4.4.1. The sketches for these questions were generally faulty and poorly done.

5.3 Few candidates could name the missing part and its function for the drawer construction. Candidates are also not familiar with the correct names for joints. A very small number of candidates provided a good sketch of the correct joint in Question 4.5.4

6. QUESTION 5

This question was well answered.

6.1 The section about design in Question 5.1 was generally well answered. No candidate was disadvantaged by the photograph of the bedroom, which was possibly not clear. Good quality sketch work was provided by a small number of candidates in Question 5.1.5. However, some candidates did not even attempt to draw a sketch for this question. Line sketches and orthographic sketches are not acceptable if pictorial views are required.

6.2 The section on finishing in Questions 5.2 to 5.4 was generally well answered. Some candidates gave detailed descriptions of how to prepare the article, instead of concentrating on the steps for applying polyurethane varnish.

HOUTWERK VRAESTEL 1

1. ALGEMEEN

1.1 Die onderrig van Teorie word nog steeds deur baie skole afgeskeep.

1.2 Opvoeders moet hierdie en vorige verslae van die eksaminator voor die Junie-eksamen met hul kandidate deurwerk. ‘n Afskrif van hierdie verslag behoort elke kandidaat se teorieboek of – lêer aangebring te word.

1.3 Kandidate het nie die korrekte benaminge vir terme in Houtwerk geken nie.

1.4 Die meeste kandidate het antwoorde vir elke nuwe vraag op ‘n skoon bladsy begin. Kandidate moet die kantlyne van die antwoordboek ooplos en moet aangemoedig word om netjies en leesbaar te skryf.

1.5 Te oordeel aan die antwoorde blyk dit dat kandidate nie in alle gevalle die vrae verstaan het nie of dat hulle nie vertroud was met die inhoud van die Houtwerkkursus nie.

2. VRAAG 1

Hierdie vraag is goed beantwoord.

2.1 Vrae 1.1.1 tot 1.1.4 is redelik goed beantwoord. Baie kandidate was nie vertroud met die kenmerke van die houtsoorte wat in die graad 12-sillabus voorkom nie. Die antwoorde op vraag 1.1.4 is in beknopte tabelle weergegee. Die skrif was dan ook baie onduidelik.

2.2 Die vraag oor die omvorming van houtsoorte is swak beantwoord. Baie leerders kon nie die deursneemetode as die korrekte antwoord identifiseer nie. vraag 1.4 is goed beantwoord.

2.3 Vraag 1.5 is oor die algemeen goed beantwoord. Sommige kandidate los nog steeds antwoorde oop alhoewel hulle die antwoorde kon kies.

3. VRAAG 2

Hierdie vraag is redelik goed beantwoord.

3.1 Die vraag oor werkstappe om ‘n plank tot op maat te skaaf, is baie swak beantwoord. Baie kandidate het die skets in vraag 2.2 verkeerd geïterpreteer en gevolglik foutiewe antwoorde verskaf. Die rede vir die beskadiging van die skaafbeitel is goed beantwoord. Weinige kandidate kon die oliesteen as deel van die gereedskap om die beitel te herstel, identifiseer.

3.2 Min kandidate kon die verskil tussen die voorkoms en gebruike van die merk- en snykruishout korrek aandui.

3.3 Die meeste kandidate het die G-klamp as antwoord vir vraag 2.5.1 korrek gehad. Die tegniek om ‘n gat tot op ‘n bepaalde diepte te kap is redelik goed beantwoord.

3.4 Die meeste kandidate het versuim om te noem dat stomp beitels wat gly, beserings veroorsaak.

4. VRAAG 3

Hierdie vraag is baie swak beantwoord.

4.1 Die voorsorgmaatreëls vir die gebruikvan die bandsaag is goed beantwoord terwyl baie kandidate nie die funksie van die spanningskroef geken het nie. Min kandidate het geweet dat die speling tussen die saagband en lem die dikte van ‘n papierrepie moet wees.

4.2 Vrae 3.2.1 tot 3.2.4 oor die houtdraaibank is oor die algemeen baie swak beantwoord. Kandidate het nie die verskil tussen spildraai- en skyfdraaiwerk gemeet nie. Baie kandidate het ook die uithol van die bak in plaas van die sny van die buitekant beskryf. Baie kandidate kon ook nie die verstellings wat op die draaibank aangebring moes word, korrek identifiseer nie. Die funksie van die skermbril was goed beantwoord.

4.3 Die afdeling oor die vlakskaaf was uiters swak beantwoord. Baie kandidate kon nie die onderdele wat verstel moes word korrek identifiseer nie.

Die vrae rondom die veiligheidsmaatreëls van die rolsaag was redelik goed beantwoord.

5. VRAAG 4

Hierdie vraag was baie swak beantwoord.

5.1 Vrae 4.1 en 4.2 aangaande die tegnieke om voeë uit te saag is redelik goed beantwoord. Kandidate het A as die korrekte skets aangedui maar kon nie die korrekte rede voorsien nie. Die goue reël om altyd aan die afvalkant van ‘n voeg te saag is deur min kandidate genoem.

5.2 Kandidate het baie swak gevaar in die identifisering van die ooglopende foute in die voegkonstruksies by vrae 4.3.1 en 4.4.1. Die sketse by 4.3.2 en 4.4.2 was oor die algemeen verkeerd en van ‘n swak kwaliteit.

5.3 Min kandidate kon een ontbrekende onderdeel by die laaikonstruksie asook die funksie daarvan noem. Kandidate ken nie die korrekte name van voeë nie. Baie min kandidate kon goeie kwaliteit sketse van die korrekte voeg in vraag 4.5.4 voorlê.

6. VRAAG 5

Hierdie vraag is goed beantwoord.

6.1 Die afdeling oor ontwerp in vraag 5.1 is oor die algemeen goed beantwoord. Geen kandidaat is benadeel as gevolg van die foto van die slaapkamer wat onduidelik kon wees. Goeie kwaliteit sketswerk in vraag 5.1.5 is deur ‘n geringe getal kandidate voorgelê. Sommige kandidate het nie eens moeite gedoen om die oplossing te teken nie. lynsketse en ortografiese sketse is nie aanvaarbaar as prentaansigte gevra word nie.

6.2 Die afdeling oor afwerking in vraag 5.2 tot 5.4 is oor die algemeen goed beantwoord. Sommige kandidate het gedetailleerde beskrywings rondom die voorbereiding van die hout voorsien in plaas van om die stappe vir die aanwending van poliuretaanvernis te noem.