

## FOREWORD

The present report focuses on the registration and results of candidates for the Matriculation Certificate examination and for examinations in single subjects at Advanced and Intermediate levels held in the main session in May/June and the supplementary session held in September 2011. The main purpose of the report is to present statistical data which can be of use by various stakeholders, including students, tutors, parents, guidance officers, and other educators. Data is given by subject and gender and only a limited analysis of the data is carried out, mainly by highlighting gender differences, which continue to be an intriguing feature of the Maltese educational system. These differences have appeared consistently at Matriculation and SEC levels and have also been noted recently at other levels of the system in international reports on the TIMSS 2007 and the PISA 2009 surveys in which Malta has participated. Registration data is also presented by locality, which throw some light on sociological aspects of education at the post-secondary and higher education levels.

In 2011, there were 2367 candidates for the Matriculation Certificate and 1252 candidates for single subject examinations at Advanced and Intermediate levels. The overall pass rate for the Matriculation Certificate was 65.4%, which was appreciably higher than the average pass rate of 62.3% in the past seven years. When only the 1662 candidates of the 18-year-old cohort are considered, the pass rate was 74.4% with a gender imbalance in favour of females. Indeed, using the number of births in 1993 as a measure of the 18-year-old population in 2011, it is estimated that 24.0% of all females as against 18.9% of all males obtained the Matriculation Certificate, which is required for admission to degree and diploma courses at the University of Malta. Other candidates obtained passes in Advanced and Intermediate level subjects which could be used for other purposes.

This report also presents tables which show trends in registrations and pass rates in May and September since 1997, when the Matriculation Certificate examination was held for the first time. Detailed data on the results achieved in supplementary session show how this session affects the overall pass rate and the number of candidates who are classified as narrowly failed. Information is also provided about the number of candidates requesting access arrangements at this level and about administrative matters concerning the conduct of the examinations.

In conclusion, I would like to thank the many persons, including all the staff at the MATSEC Support Unit, the examiners, and the Examinations Department on whose effort and dedication we depend for the smooth running of the examinations. Other persons deserve a special thanks, including Mr Leander Borg, Ms Margaret Borg and Mr Martin Micallef who retrieved the information from the computer database, Ms Joanne Grech who typed the tables, and Ms Bernice Cutajar and Ms Ramona Darmanin who checked the data.

Prof Frank Ventura  
Chairman  
MATSEC Examinations Board  
April 2012

**MATSEC EXAMINATIONS BOARD**

**MATRICULATION CERTIFICATE  
EXAMINATIONS 2011**

**MATSEC SUPPORT UNIT  
UNIVERSITY OF MALTA**

**APRIL 2012**

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## EXECUTIVE SUMMARY

This document reports on the Matriculation Certificate examinations of 2011 as well as the single subjects offered at Advanced and Intermediate Matriculation level in the same year. Candidates of the 1993 cohort and Narrowly Failed candidates from the previous two years are included as separate subgroups. This report gives an overview of the administration aspect of the examinations and then presents the registration and results data of the main session in May and the supplementary session in September. It also presents general statistics from the May and September sessions which have taken place between 1997 – 2011, to indicate the trends that have been developing since the Matriculation Certificate examinations were introduced in the Maltese Islands.

### **May 2011 Registrations**

#### *Matriculation Certificate*

In total, 2,367 candidates registered for the examination of the May 2011 session: 1002 males and 1,365 females. There were 2105 candidates from Malta (890 males and 1215 females) and 262 candidates from Gozo (112 males and 150 females).

In 2011, the largest number of registrations (70.2%) belonged to the 1993 cohort. These are the candidates who turned eighteen in 2011. In total, 32.3% of the infants born in 1993 (N= 5,147) registered for the Matriculation Certificate examinations in 2011. In particular, 25.4% of males (N=2,679) and 39.8% of females (N=2,468) born in 1993 registered for these examinations in this year.

In 2011, females outnumbered males in the registrations of the Matriculation Certificate examination. The relative proportions of males and females that made up the total registrations amounted to 42.3% males and 57.7% females.

At Advanced level, the most popular subjects were Pure Mathematics (594 candidates), Biology (532), Physics (444), and English (409). Subjects with a significantly higher proportion of females included the languages as well as Accounting, Biology, Chemistry, Home Economics, Marketing, Philosophy and Sociology. Males predominated in Advanced level Computing, Physics and Pure Mathematics.

At Intermediate level, the most popular subject was English (1572 candidates). This was followed by Philosophy (783), Physics (758), and Maltese (623). At this level, higher proportions of females than males were observed in Biology, Chemistry, Environmental Science, French, History, Home Economics, Maltese, Philosophy, Physics, Pure Mathematics and Sociology. Males only predominated in three subjects: Computing, Engineering Drawing/Graphical Communication and Geography.

In Malta, the largest numbers of registrations came from the Northern Harbour region.

## ***Single Subjects***

Since 2009, candidates could register for single subjects at both Advanced and Intermediate Matriculation levels. There were 1,252 candidates who registered for Single Subjects at Advanced Matriculation and Intermediate level: 475 males and 777 females.

The most popular Advanced level single subjects were Accounting (190 candidates), English (128 candidates) and Marketing (157 candidates). The most popular Intermediate level single subjects were English (168 candidates), Philosophy (40 candidates), Pure Mathematics (39 candidates) and Physics (63 candidates).

## **May 2011 Results**

### ***Matriculation Certificate***

The results for all candidates show the distribution of grades overall and for males and females separately. In this session, at Advanced level, no statistically significant gender differences in performance were observed. At Intermediate level, the only significant gender difference in performance occurred in Information Technology where the chi square test showed a significant difference in favour of males ( $\chi^2 = 11.242$ ,  $p=0.047$ ).

The May 2011 results showed that 51.5% of the May 2011 candidates (50.1% of males and 52.5% of females) were awarded a pass in the Matriculation Certificate after the main examination session. Overall, 8.3% of the candidates obtained Grade A, 18.1% obtained Grade B and 25.1% obtained Grade C. This year, a larger proportion of males obtained Grade A (8.5% of males compared to 8.2% of females) while more females obtained Grade B (18.8% of females compared to 17.3% of males) and Grade C (25.6% of females compared to 24.4% of males).

The overall percentages of requests for revision of papers averaged 7.4% for subjects at Advanced level and 4.0% for subjects at Intermediate level. At Advanced level, 16 out of the 455 requests for a revision of papers had their grade revised. At Intermediate level, 12 out of the 402 requests resulted in a higher grade.

## **September 2011 Registrations**

In total, 44.0% of the candidates (44.3% of males and 43.8% of females) who sat for the Matriculation Certificate in May 2011 applied for the supplementary session in September. As expected, the majority of the candidates who applied for the supplementary session were the ones who failed in May (79.9%). In addition, 17.2% of the September candidates had already obtained an overall Grade C in May, 2.6% had obtained a Grade B and three candidates had obtained an overall Grade A.



## **September 2011 Results**

Overall, there were 51.6% of the candidates (54.1% of males and 49.8% of females) who sat for the Supplementary session in September 2011 who managed to get a pass in the Matriculation Certificate. Overall, 1.2% of the candidates obtained Grade A, 8.1% obtained Grade B and 42.3% obtained Grade C. There were 14.1% of the candidates who were classified as Narrowly Failed.

The overall percentages of requests for revision of papers averaged 7.4% for subjects at Advanced level and 6.2% for subjects at Intermediate level. At Advanced level, only two out of the 67 requests for a Revision of Papers had the grade revised. At Intermediate level, one of the 68 requests for a Revision of Papers had the grade revised.

## **Overall Results**

In 2011, there were 65.4% of the candidates (1,547 out of 2,367) who obtained the Matriculation Certificate. There were 51.5% (1,219) who qualified in the May session and 13.9% (328) who qualified in the September session.

The analysis on the 1993 cohort shows that 74.4% of the candidates born in that year (1,236 out of 1,662) obtained the Matriculation Certificate in 2011. This means that 24.0 % of the infants born in 1993 (1,236 out of 5,147) obtained the obligatory entry requirements for University in 2011. There was a gender imbalance in this figure in favour of females: while 29.5% of females born in 1993 (729 out of 2,468) obtained the Matriculation Certificate in 2011, only 18.9 % of males born in the same year (507 out of 2,679) obtained the same qualification.

At Advanced level, when overall passes (Grades A to E) are considered, the range of pass rates in the different subjects varied from over 90% (Arabic, Biology, Engineering Drawing, Graphical Communication, and Home Economics & Human Ecology) to less than 40% (Applied Mathematics).

At Intermediate level, when overall passes (Grades A to E) are considered, the range of pass rates in the different subjects also varied from over 90% (German, Home Economics and Human Ecology, Information Technology, Italian, Maltese and Systems of Knowledge) to less than 60% (Russian).

# MATSEC EXAMINATIONS BOARD

## MATRICULATION CERTIFICATE 2011

### SECTION 1.0: INTRODUCTION

#### 1.1 Background

The Matriculation and Secondary Education Certificate (MATSEC) Board was set up in 1991. It is responsible for external examinations at two levels: (a) the Matriculation Certificate examinations which have replaced the GCE A-levels and (b) the Secondary Education Certificate (SEC) examinations which have replaced the General Certificate of Education Ordinary Level (GCE O-level) offered by English examination boards.

The Matriculation Certificate is based on the International Baccalaureate model that maintains that students develop into more mature individuals if their studies cover both the areas of the Humanities and the Sciences. In the Matriculation Certificate examination, subjects are divided into four groups and students must choose one subject from each of Groups 1, 2 and 3 and any other two subjects. This structure ensures that candidates choose subjects from both the Humanities and the Sciences areas. In addition, all students are obliged to sit for Systems of Knowledge, a pass in which is obligatory in order to be awarded the certificate. In this system of examinations, students study two subjects at Advanced level and another four at Intermediate level, including Systems of Knowledge. Although any of the subjects offered may be chosen, there are some restrictions laid out in the regulations (See Appendix A). The regulations permit candidates to sit for single subjects at Advanced Matriculation and Intermediate level.

The Matriculation Certificate requirements are intended to provide an opportunity for all students finishing post-secondary school education to obtain external certification for the subjects studied at school. The Matriculation Certificate is the obligatory entry requirement into the University of Malta. However, certain Faculties have special course requirements in terms of the subjects needed for admission and the grades that are acceptable for further studies in particular areas. Students already in possession of the Matriculation Certificate have the opportunity to apply for specific subjects at Advanced and Intermediate levels to fulfil special course requirements.

The main session of the examinations is held in May while the supplementary session is held in September. The regulations of these examinations were first published in 1994, and candidates took the examinations for the first time in 1997. To be awarded the Matriculation Certificate, candidates must obtain a pass in at least one of the subjects offered in each of Groups 1, 2 and 3 and Systems of Knowledge in one session (which includes the supplementary session) and gain at least 44 grade points. Grade points are awarded as follows:

*For subjects at Advanced Level:*

Grade A = 30 grade points  
Grade B = 24 grade points  
Grade C = 18 grade points  
Grade D = 12 grade points  
Grade E = 6 grade points

*For subjects at Intermediate Level:*

Grade A = 10 grade points  
Grade B = 8 grade points  
Grade C = 6 grade points  
Grade D = 4 grade points  
Grade E = 2 grade points

The Certificate is awarded with an overall grade A, B, or C on the basis of the candidates' performance in the five subjects and in Systems of Knowledge.

Grade A is awarded to candidates who score between 80 and 100 grade points.

Grade B is awarded to candidates who score between 64 and 78 grade points.

Grade C is awarded to candidates who score between 44 and 62 grade points.

Candidates are allowed to resit a maximum of three subjects in the supplementary session as follows: one subject at Advanced level, one subject at Intermediate level and Systems of Knowledge.

Candidates who narrowly fail to obtain the overall Grade C in the supplementary session are awarded a Grade N. As from 2008, these candidates have the option to resit any one or more subject/s in order to improve their result. They may also opt to drop a subject and replace it by another subject at the same level.

Table 1.1 below shows the numbers of candidates who registered for the Matriculation Certificate examinations during the period 1997 – 2011.

**Table 1.1: Registrations for Matriculation Certificate 1997-2011**

Year	Males	Females	Total
1997	628	681	1309
1998	756	874	1630
1999	784	937	1721
2000	811	1051	1862
2001	842	1139	1981
2002	869	1149	2018
2003	878	1181	2059
2004	976	1257	2233
2005	1028	1427	2455
2006	1052	1498	2550
2007	1071	1461	2532
2008	995	1361	2356
2009	989	1450	2439
2010	1022	1392	2414
2011	1002	1365	2367

Table 1.2 shows the numbers of candidates who have registered for Single Subjects at Advanced Matriculation level during the period 1997– 2008 and at Advanced and Intermediate level between 2009 and 2011.

**Table 1.2: Registrations for Single Subjects 1997-2011**

Year	Males	Females	Total
1997	713	760	1473
1998	558	635	1193
1999	610	800	1410
2000	556	671	1227
2001	643	874	1517
2002	586	739	1325
2003	522	733	1255
2004	478	700	1178
2005	471	658	1129
2006	435	649	1084
2007	369	663	1032
2008	411	699	1110
2009	495	784	1279
2010	467	903	1370
2011	475	777	1252

The present document reports on the Matriculation Certificate examinations which took place in 2011. It also presents data on the entries for single subjects at Advanced and Intermediate Matriculation levels in the same year. The report first gives an overview of the administration aspect of the examinations and then presents the registration data and results of the main session in May and the supplementary session in September. It also presents general statistics from the May and September sessions which have taken place between 1997 and 2011 to indicate the trends that have been developing since the Matriculation Certificate system of examinations was introduced in the Maltese Islands.

## 1.2 Administrative Information

The regulations of the Matriculation Certificate examinations 2011 are presented in Appendix A.

### *2011 May Session*

The timetable for the May session was issued in mid-October 2010 (a copy is available in Appendix B). Registration for the examinations took place between 9<sup>th</sup> – 20<sup>th</sup> November 2011 (See Appendix C for a copy of the registration forms). Late applications were received on 6<sup>th</sup> and 8<sup>th</sup> January 2011. All applications were received at the Examinations Department, Floriana and the Examinations Centre, Victoria, Gozo. They were processed by the Examinations Department, Floriana. There were 2367 candidates (1002 males and 1365 females) who registered for the Matriculation Certificate examinations of May 2011. In addition, there were 1252 candidates (475 males and 777 females) who registered for single subjects at Advanced and Intermediate Matriculation level.

The written examinations took place between 28<sup>th</sup> April and 31<sup>st</sup> May 2011.

The following subjects were offered for examination:

Accounting,	Applied Mathematics,	Arabic,
Art,	Biology,	Chemistry,
Computing,	Economics,	Engineering Drawing**,
Engineering Drawing/Graphical Communication*,	French,	English,
Environmental Science*,	Graphical Communication**	Geography,
German,	Home Economics,	Greek,
History,	Maltese,	Information Technology,
Italian,	Philosophy,	Marketing,
Music,	Religious Knowledge,	Physics,
Pure Mathematics,	Spanish,	Russian,
Sociology,		Systems of Knowledge*.

\* Offered at Intermediate Level only.

\*\* Offered at Advanced Level only.

These subjects are grouped as follows:

#### **Group 1:**

Arabic, English, French, German, Greek, Italian, Maltese, Russian and Spanish.

#### **Group 2:**

Accounting, Economics, Geography, History, Marketing, Philosophy, Religious Knowledge and Sociology.

**Group 3:**

Applied Mathematics, Biology, Chemistry, Environmental Science, Physics, and Pure Mathematics.

**Group 4:**

Art, Computing, Engineering Drawing, Engineering Drawing/Graphical Communication, Graphical Communication, Home Economics, Information Technology, Music.

Systems of Knowledge.

The results of these examinations were published on 15<sup>th</sup> July 2011. In this session, all the Matriculation Certificate and Single Subject candidates applied to receive their results by sms. Registration for the service of a Revision of Papers took place between 25<sup>th</sup> July and 30<sup>th</sup> July 2011 at the MATSEC Building, University of Malta. (See Appendix D for a copy of the form).

***2011 September Session***

The timetable for the September session was issued on the mid-October 2010 (see Appendix B).

Registration for the examinations took place between 25<sup>th</sup> July and 29<sup>th</sup> July 2011. All applications were received and processed by the MATSEC Support Unit, University of Malta. There were 1042 candidates who registered for the Matriculation Certificate examinations (444 males and 598 females) and 158 candidates who registered for single subjects at Advanced and Intermediate Matriculation level (58 males and 100 females) for the supplementary session.

The examinations were held between 31<sup>st</sup> August and 7<sup>th</sup> September 2011.

All the subjects offered for examination in the May session were offered in the September session.

The results of these examinations were published on 28<sup>th</sup> September 2011. In this session, 1266 of the Matriculation Certificate and Single Subject candidates registered to receive their result by sms.

Registration for the service of a Revision of Papers took place on 4<sup>th</sup> October 2011 at the MATSEC Support Unit, University of Malta.

**1.3 Requests for Special Arrangements**

Requests for Special Arrangements during MATSEC examinations were received during the period of registration. Candidates needed to fill in a special form available from the MATSEC website. This year, there were 158 applications for special arrangements that were considered by the Access Disability Support Committee of the University of Malta.

#### 1.4 The Examination Centres

In Malta, the administration of the examinations in the different centres was the responsibility of the Examinations Department, Floriana.

In Gozo, the administration of the examinations in the different centres was the responsibility of the Examinations Centre, Victoria.

#### 1.5 Oral Examinations

Tables 1.3 and 1.4 show the dates of the oral examinations at Advanced and Intermediate levels.

**Table 1.3: Oral Examinations –  
Advanced Level**

Subject	Dates
French	16 <sup>th</sup> April
German	16 <sup>th</sup> April
Italian	18 <sup>th</sup> , 19 <sup>th</sup> April
Russian	14 <sup>th</sup> April
Spanish	14 <sup>th</sup> April

**Table 1.4: Oral Examinations –  
Intermediate Level**

Subject	Dates
Arabic	13 <sup>th</sup> April
English	8 <sup>th</sup> , 9 <sup>th</sup> , 11 <sup>th</sup> , 12 <sup>th</sup> April
French	7 <sup>th</sup> April
German	13 <sup>th</sup> April
Italian	5 <sup>th</sup> , 6 <sup>th</sup> April
Maltese	1 <sup>st</sup> , 2 <sup>nd</sup> , 4 <sup>th</sup> April
Russian	13 <sup>th</sup> April
Spanish	13 <sup>th</sup> April

In Malta, the oral examinations were held at St Aloysius College, Birkirkara. In Gozo, the examinations were held at the Examinations Centre, Victoria.

Teachers were recruited for the oral examinations on the basis of the recommendation of the Chairperson of the respective subjects.

Tables 1.5 and 1.6 show the numbers of examiners involved in the different subjects at the two levels.

**Table 1.5: Examiners used for Orals  
of Advanced Level Examinations**

Subject	Malta	Gozo	Total
Arabic	1	2	3
French	6	1	7
German	2	1	3
Italian	8	2	10
Russian	1	-	1
Spanish	3	1	4
<b>Total</b>	<b>21</b>	<b>7</b>	<b>28</b>

**Table 1.6: Examiners used for Orals  
of Intermediate Level Examinations**

<b>Subject</b>	<b>Malta</b>	<b>Gozo</b>	<b>Total</b>
Arabic	-	-	-
English	16	5	21
French	10	1	11
German	2	1	3
Italian	7	1	8
Maltese	10	5	15
Russian	1	-	1
Spanish	1	1	2
<b>Total</b>	<b>47</b>	<b>14</b>	<b>61</b>

### 1.6 Coursework

There were five subjects at Advanced Level with a coursework component in May 2011. These were: Art, Computing, Geography, Home Economics & Human Ecology and Information Technology. The coursework of private candidates was to be submitted to the Examinations Department, Floriana and the Examinations Centre, Victoria, Gozo by 4<sup>th</sup> March 2011.

There were four subjects at Intermediate Level with a coursework component in May 2011. These were: Art, Computing, Information Technology and Systems of Knowledge. The coursework of private candidates was to be submitted to the Examinations Department, Floriana and the Examinations Centre, Victoria, Gozo by 4 March 2011.

It is important to note that some candidates were called for an interview in relation to the work presented for the coursework component of the subjects under consideration.

### 1.7 Practical Examinations

Practical examinations at Advanced Level were held in the following subjects: Art, Biology, Chemistry, Music and Physics. Table 1.7 shows the dates of these examinations:

**Table 1.7: Practical Examinations –  
Advanced Level**

<b>Subject</b>	<b>Dates</b>
Biology	5 <sup>th</sup> June 2011
Chemistry	15 <sup>th</sup> June 2011
Music	
Physics	8 <sup>th</sup> June 2011

In Malta, the practical examinations for Biology, Chemistry and Physics were held at the University laboratories and the Gian Frangisk Abela Junior College laboratories. In addition the Stella Maris College laboratories were used for Biology. In Gozo, they were held at the laboratories of Gozo College Boys' Secondary School, Victoria.

In May 2011, the Music practical examination was held at the Music Studies Room, Mediterranean Institute, University of Malta and at the Ministry for Gozo, Victoria, Gozo.

### **1.8 Revision of Papers**

Candidates who are not satisfied with the grade awarded to them in any subject may register for the service of a Revision of Papers. Information about the registration period for this service is posted to the candidates with their result slip. For each subject, an additional examiner is appointed to review the papers of the candidates who ask for a Revision of Papers. A brief report on the performance of the candidate is written in each case. This is forwarded to the candidate. A fee of €34.94 per subject is paid on registration. This fee is refundable in cases where the Board of Examiners recommends a change in the original grade, which can only be an upgrade. In the May 2011 session, there were 455 requests for Revision of Papers at Advanced Level and 402 at Intermediate Level. In the September 2011 session, there were 67 requests for Revision of Papers at Advanced Level and 68 at Intermediate Level.

### **1.9 Examiners' Reports**

For each subject, the Chairperson is required to write an Examiners' Report on the performance of the candidates in the examination. The information for this report is compiled from notes and comments made by the subject markers involved in the process. This report provides statistical data on the grades awarded and gives detailed feedback on the performance of the candidates. These reports, complemented with copies of the respective examination papers, were published after October 2011. They were circulated to all post-secondary schools and to the University Library as well as the Public Libraries in Malta and Gozo.

These reports are available on the MATSEC website <http://www.um.edu.mt/matsec>



## SECTION 2.0: MAY 2011 REGISTRATIONS

Table 2.1 presents the numbers of candidates who registered in May 2011 for the Matriculation Certificate by year of birth and gender.

**Table 2.1: Matriculation Certificate Registrations in 2011  
by Year of Birth and Gender**

<b>Year</b>	<b>Males</b>	<b>Females</b>	<b>Total</b>
<b>Pre-1990</b>	15	7	22
<b>1990</b>	14	23	37
<b>1991</b>	63	79	142
<b>1992</b>	228	272	500
<b>1993</b>	680	982	1662
<b>1994</b>	2	2	4
<b>Total</b>	<b>1002</b>	<b>1365</b>	<b>2367</b>

In total, there were 2,367 candidates in May 2011: 1002 males and 1,365 females. There were 2105 candidates from Malta (890 males and 1215 females) and 262 candidates from Gozo (112 males and 150 females).

The largest number of registrations (70.2%) belonged to the 1993 cohort. This is the cohort that turned eighteen in 2011. There were 5,147 infants born in 1993 (2,679 males and 2,468 females) in the Maltese Islands. This means that 32.3% of the infants born in 1993 (25.4% of males and 39.8% of females) registered for the Matriculation Certificate examinations in 2011.

Table 2.2 presents the numbers of candidates who registered in May 2011 for single subjects at Advanced and Intermediate Matriculation level by year of birth and gender.

**Table 2.2: Single Subjects Registrations in 2011  
by Year of Birth and Gender**

<b>Year</b>	<b>Males</b>	<b>Females</b>	<b>Total</b>
<b>Pre-1990</b>	171	349	520
<b>1990</b>	40	58	98
<b>1991</b>	58	82	140
<b>1992</b>	126	138	264
<b>1993</b>	47	99	146
<b>1994</b>	33	51	84
<b>Total</b>	<b>475</b>	<b>777</b>	<b>1252</b>

Table 2.2 shows that there were 1,252 candidates who registered for single subjects at Advanced and Intermediate Matriculation level in 2011, 475 males and 777 females.

The largest category of registrations for single subjects belonged to the pre-1990 cohort (41.5%). These candidates were over 21 years old when they applied for these examinations. The second largest category of registrations came from the 19-year-olds (21.1%).

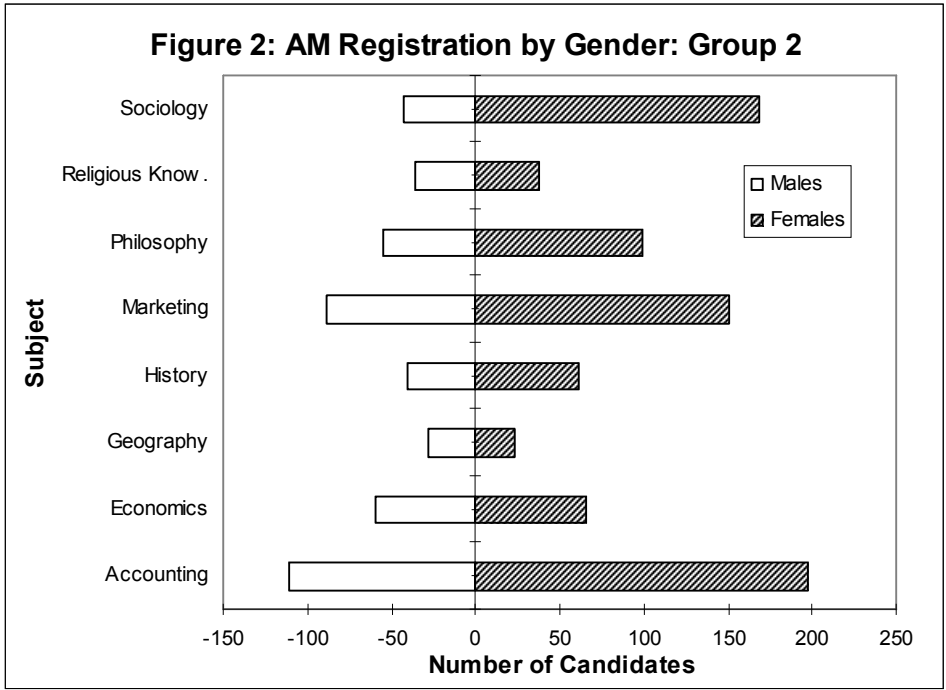
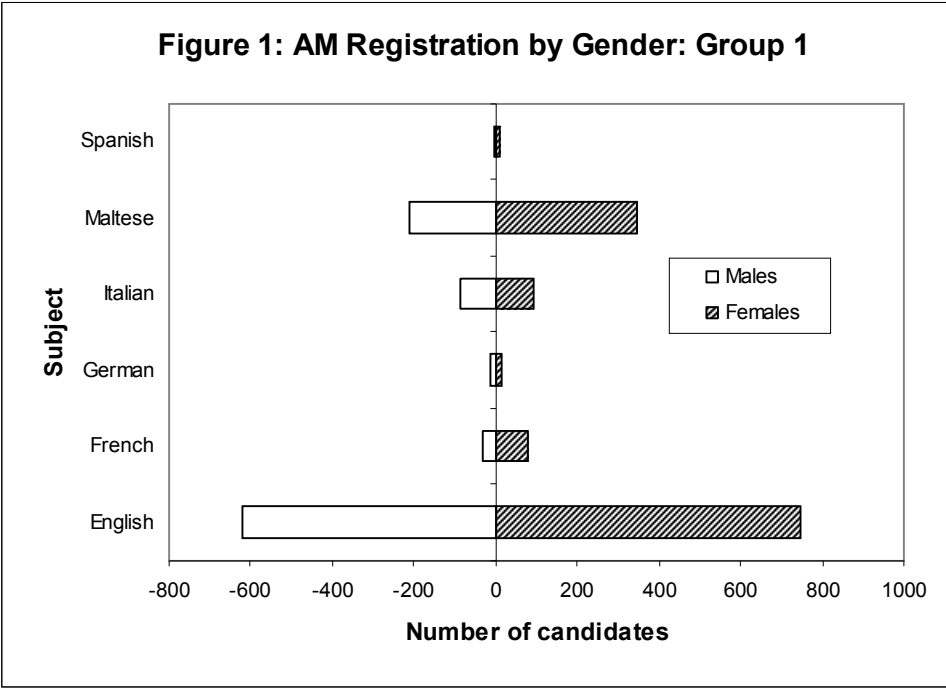
Tables 2.1 and 2.2 show that females outnumbered males both in the Matriculation Certificate and in the Single Subjects Advanced Matriculation examinations. In both cases, the relative proportions of males and females that made up the total registrations were higher for females, 57.7% females versus 42.3% males for the Matriculation Certificate, and 62.1% females versus 37.9% males for the Single Subjects.

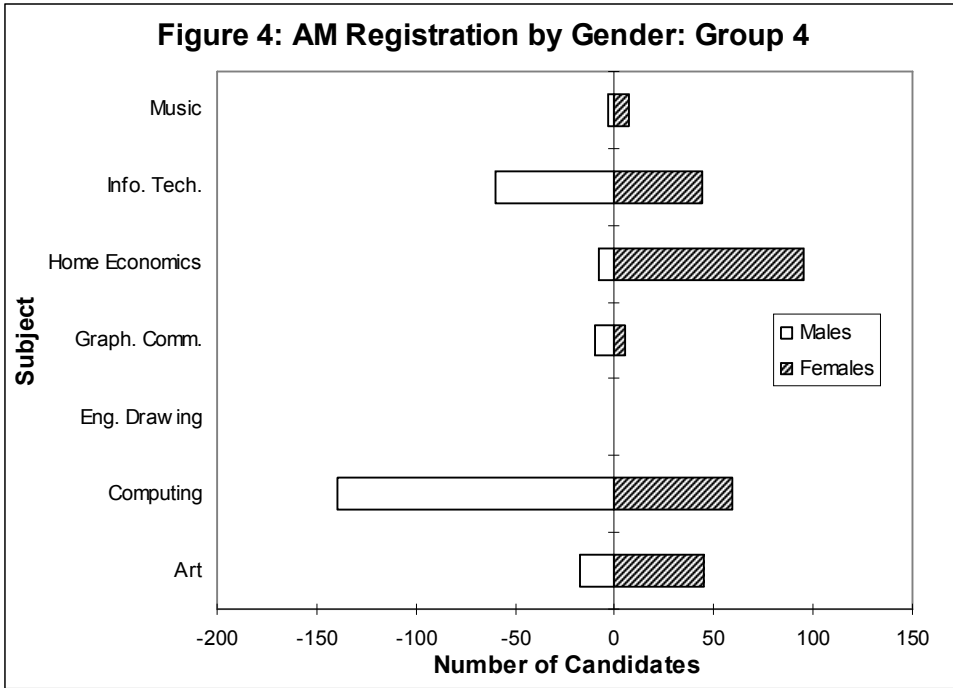
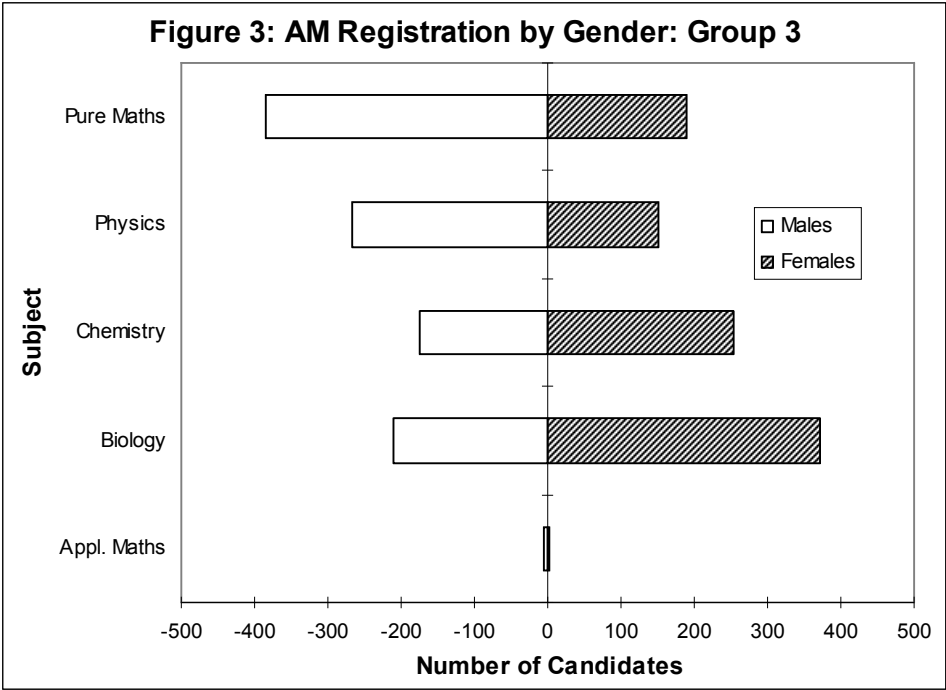
Table 2.3 below provides information on the numbers of candidates, males and females, who applied for the Matriculation Certificate examinations at Advanced and Intermediate levels in the different subjects.

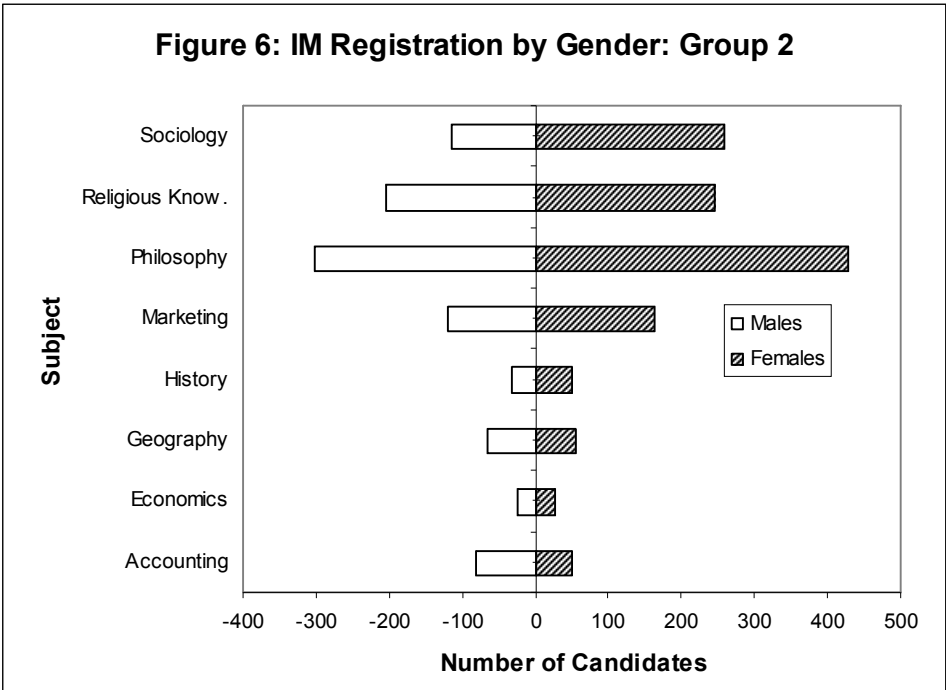
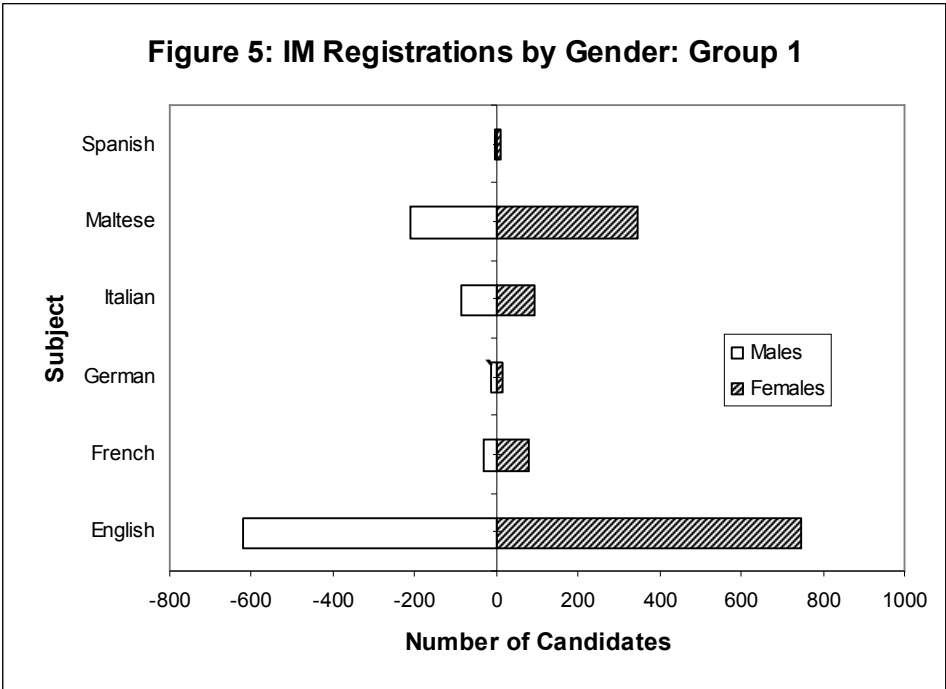
**Table 2.3: May 2011 Matriculation Certificate Registrations by Subject and Gender**

Subjects	Advanced Level			Intermediate Level		
	Males	Females	Total	Males	Females	Total
Accounting	111	155	266	87	59	146
Applied Mathematics	3	0	3	54	35	89
Art	23	52	75	15	2	57
Biology	189	343	532	48	215	263
Chemistry	174	200	374	17	29	46
Computing	107	69	176	86	41	127
Economics	59	45	104	30	29	59
Engineering Drawing	2	0	2	-	-	-
Engineering Drawing & Graphical Comm.	-	-	-	77	30	107
English	95	314	409	693	879	1572
Environmental Science	-	-	-	169	369	538
French	15	57	72	33	88	121
Geography	28	30	58	69	57	126
German	6	16	22	16	16	29
Graphical Communication	11	4	15	-	-	-
History	40	43	83	35	53	88
Home Economics & Human Ecology	11	126	137	14	69	83
Information Technology	49	45	94	166	117	283
Italian	64	151	215	97	108	205
Maltese	108	259	367	237	386	623
Marketing	89	118	207	134	175	309
Music	2	7	9	0	9	9
Philosophy	55	103	158	325	458	783
Physics	297	147	444	359	399	758
Pure Mathematics	385	209	594	185	290	475
Religious Knowledge	36	67	103	214	266	480
Russian	0	0	0	1	1	2
Sociology	43	151	194	119	270	389
Spanish	2	19	21	4	15	19
Systems of Knowledge	-	-	-	1019	1383	2402

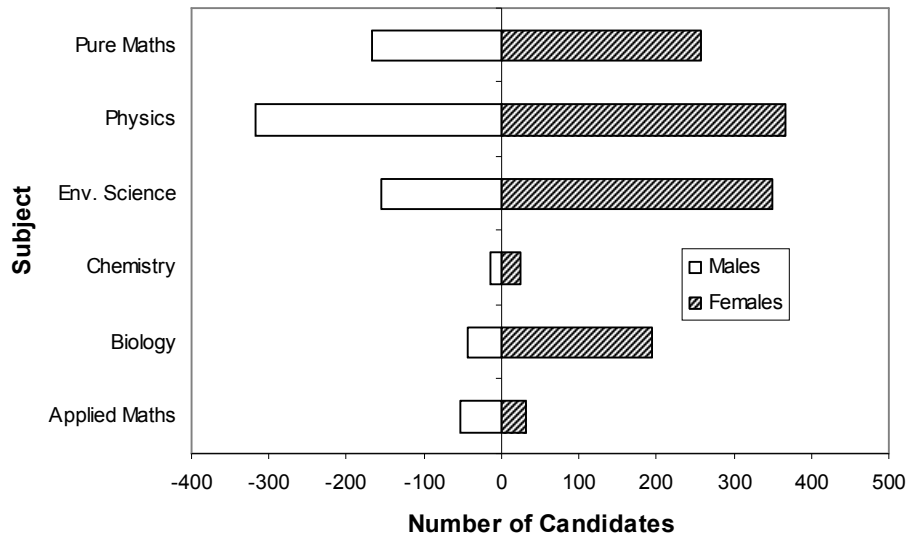
Figures 1-4 and 5-8 that follow, present the numbers of male and female registrations per subject at Advanced and Intermediate levels. Please note that in these figures, AM refers to Advanced level subjects and IM refers to Intermediate level subjects.



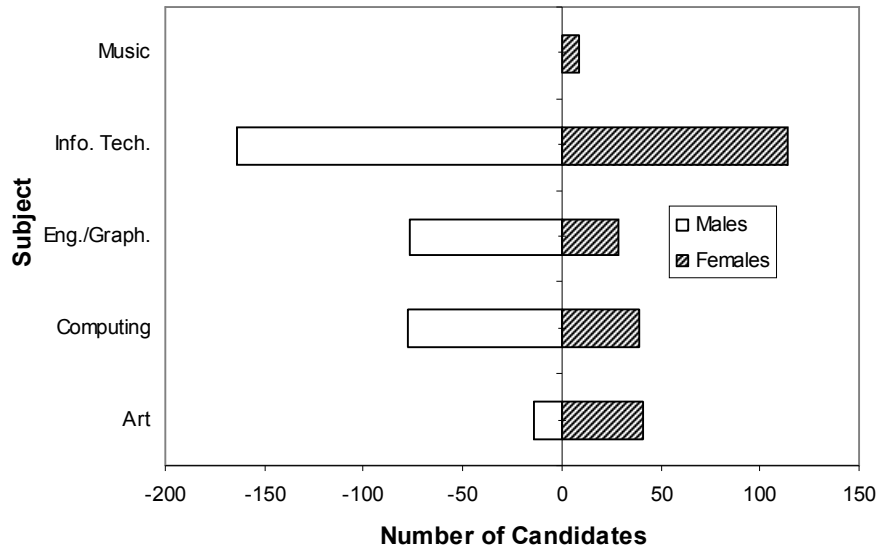




**Figure 7: IM Registration by Gender: Group 3**



**Figure 8: IM Registration by Gender: Group 4**



In the Matriculation Certificate, the most popular subjects at Advanced level were Pure Mathematics (594 candidates), Biology (532), Physics (444), and English (409). At Intermediate level, the most popular subject was English (1572 candidates). This was followed by Philosophy (783), Physics (758), and Maltese (623).

At Advanced level, subjects with a significantly higher proportion of females included the languages, Accounting, Biology, Chemistry, Home Economics, Marketing, Philosophy and Sociology. Males predominated in Advanced level Computing, Graphical Communication, Physics and Pure Mathematics.

At Intermediate level, a higher proportion of female than male candidates was observed in Biology, Chemistry, Environmental Science, French, History, Home Economics, Maltese, Philosophy, Physics, Pure Mathematics and Sociology. It is interesting to note that more males than females tended to study Physics and Pure Mathematics at Advanced level, while more females than males tended to study these subjects at Intermediate level. Males only predominated in two subjects at Intermediate level: Computing, Engineering Drawing/Graphical Communication and IT.

In 2011, there were 10 candidates (2 males and 8 females) who were classified as Narrowly Failed (N) in 2009 and applied to sit for one subject in May 2011. Furthermore, there were 129 candidates (51 males and 78 females) who were classified as Narrowly Failed in 2010 and applied to sit for one subject in May 2011. As explained in Section 1.1, these candidates had the option to re-sit any one or more subject/s or opt to drop a subject from their original choice and replace it by another at the same level. These candidates are followed through as a subgroup of the Matriculation Certificate examination in the different sections of this report.

Table 2.4 below provides information on the numbers of candidates, males and females, who applied for single subjects at Advanced Matriculation level in the different subjects. The registration numbers show that in 2011, the most popular Advanced Level single subjects were Accounting (190 candidates), Marketing (157 candidates), and English (128 candidates) as well as Maltese (103) and Biology (100).

As from 2009, candidates could sit for any Intermediate Level subject as a single object. Table 2.5 provides information on numbers of candidates, males and females who applied for single subjects at Intermediate Matriculation level. The registration numbers show that in 2011, the most popular subjects were English (168 candidates), Physics (63 candidates) and Maltese (56).

This year there were 158 candidates who made requests for special arrangements at this level. Table 2.6 shows the presenting conditions of these candidates. It is important to point out that applications by candidates with disability were processed by the Access Disability Support Committee of the University of Malta. This committee decides on appropriate arrangements to enable these candidates to access the examinations. In general, special arrangements included extra time and rest periods, large print, as well as special instructions to examiners of oral components, invigilators and markers.

**Table 2.4: May 2011 - Advanced Single Subjects Registrations by Subject and Gender**

Subjects	Advanced Level		
	Males	Females	Total
Accounting	55	135	190
Applied Mathematics	5	0	5
Arabic	1	0	1
Art	25	39	64
Biology	48	52	100
Chemistry	46	44	90
Computing	19	9	28
Economics	6	12	18
Engineering Drawing	0	0	0
English	39	89	128
French	4	8	12
Geography	4	3	7
German	1	14	15
Graphical Communication	4	3	7
Greek	0	0	0
History	27	9	36
Home Economics & Human Ecology	0	9	9
Information Technology	15	3	18
Italian	16	33	49
Latin	1	1	2
Maltese	20	83	103
Marketing	66	91	157
Music	2	4	6
Philosophy	18	28	46
Physics	30	20	50
Pure Mathematics	57	21	78
Religious Knowledge	26	52	78
Russian	1	5	6
Sociology	13	31	44
Spanish	3	14	17



**Table 2.5: May 2011 - Intermediate Single Subjects Registrations by Subject and Gender**

Subjects	Intermediate		
	Males	Females	Total
Accounting	5	7	12
Applied Mathematics	1	2	3
Arabic	0	0	0
Art	1	1	2
Biology	5	18	23
Chemistry	1	4	5
Computing	7	2	9
Economics	5	2	7
Engineering Drawing & Graphical Comm.	0	1	1
English	59	109	168
Environmental Science	5	6	11
French	3	6	9
Geography	2	0	2
German	1	1	2
History	2	1	3
Home Economics & Human Ecology	3	5	8
Information Technology	2	2	4
Italian	8	11	19
Maltese	23	33	56
Marketing	9	10	19
Philosophy	19	21	40
Physics	37	26	63
Pure Mathematics	15	24	39
Religious Knowledge	6	17	23
Russian	1	1	2
Sociology	3	4	7
Spanish	0	3	3
Systems of Knowledge	2	5	7

**Table 2.6: May 2011 - Registration of Requests for Access Arrangements by Presenting Condition**

Condition	Candidates
ADHD/ADD	22
Asperger's and Dyspraxia	3
Cerebral palsy	8
Chronic fatigue	1
Colour blindness	1
Diabetic	18
Epilepsy	7
Medical	6
Mobility Right hand	5
OCD	5
Pregnant	16
Psychiatric Difficulties	5
Sever Panic Attacks	6
SpLD/Dyslexia	49
Stammer	1
Wheelchair user	4
Writing Difficulties	1
<b>Total</b>	<b>158</b>

Table 2.7 below shows that candidates who made requests for special arrangements registered for a variety of subjects at Advanced and Intermediate levels.

**Table 2.7: May – 2011 Registrations of Requests  
for Access Arrangements by Subject**

<b>Subject</b>	<b>Advanced</b>	<b>Intermediate</b>
<b>Accounting</b>	3	2
<b>Applied Mathematics</b>	0	3
<b>Art</b>	2	0
<b>Biology</b>	9	5
<b>Chemistry</b>	5	1
<b>Computing</b>	1	0
<b>Economics</b>	1	0
<b>English</b>	1	23
<b>Environmental Science</b>	-	6
<b>French</b>	1	1
<b>History</b>	4	0
<b>Home Economics &amp; Human Ecology</b>	6	2
<b>Information Technology</b>	2	6
<b>Italian</b>	2	4
<b>Maltese</b>	4	10
<b>Marketing</b>	7	8
<b>Philosophy</b>	5	8
<b>Physics</b>	6	7
<b>Pure Mathematics</b>	7	5
<b>Religious Knowledge</b>	3	6
<b>Sociology</b>	6	3
<b>Systems of Knowledge</b>	-	30
<b>Total</b>	<b>75</b>	<b>130</b>

Tables 2.8 and 2.9 below show the number of candidates who registered for the Matriculation Certificate examinations from the different localities in Malta and Gozo.

The data are grouped by locality as well as by region. In Malta, the largest number of registrations for the Matriculation Certificate came from the Northern Harbour region.

**Table 2.8: May 2011 - Registrations of Matriculation Certificate Candidates by Region and Locality in Malta (Part 1 of 2)**

<b>Locality - Malta</b>	<b>Males</b>	<b>Females</b>	<b>Total</b>
<b>Southern Harbour</b>	<b>114</b>	<b>205</b>	<b>319</b>
Birgu	2	1	3
Bormla	4	6	10
Fgura	22	33	55
Floriana	3	6	9
Isla	3	2	5
Kalkara	9	9	18
Luqa	9	18	27
Marsa	2	1	3
Paola	8	21	29
Santa Luċija	7	8	15
Tarxien	14	30	44
Valletta	7	8	15
Xgħajra	1	6	7
Żabbar	23	56	79
<b>Northern Harbour</b>	<b>277</b>	<b>348</b>	<b>625</b>
Birkirkara	47	55	102
Fleur-de-Lys	1	3	4
G`Mangia	1	5	6
Gżira	8	11	19
Hamrun	10	13	23
Ibraġġ	2	5	7
Kappara	7	13	20
Msida	17	21	38
Pembroke	18	28	46
Pieta'	3	4	7
Qormi	32	41	73
San Ġiljan	23	18	41
San Ġwann	42	34	76
Santa Venera	11	26	37
Sliema	22	42	64
St Andrews	0	2	2
Swatar	5	3	8
Swieqi	24	21	45
Ta'Xbiex	4	3	7

**Table 2.8: May 2011 - Registrations of Matriculation Certificate Candidates by Region and Locality in Malta (Part 2 of 2)**

<b>South Eastern</b>	<b>130</b>	<b>181</b>	<b>311</b>
Birżebbuġa	13	23	36
Għaxaq	7	14	21
Gudja	11	12	23
Kirkop	5	8	13
Marsascala	26	32	58
Marsaxlokk	4	16	20
Mqabba	5	14	19
Qrendi	4	9	13
Safi	2	9	11
Żejtun	22	17	39
Żurrieq	31	27	58
<b>Western</b>	<b>185</b>	<b>235</b>	<b>420</b>
Attard	56	59	115
Baħrija	2	3	5
Balzan	9	20	29
Dingli	9	15	24
Iklin	23	24	47
Lija	10	13	23
Mdina	0	2	2
Mtarfa	7	8	15
Rabat	22	30	52
Siggiewi	27	29	56
Żebbuġ	20	32	52
<b>Northern</b>	<b>184</b>	<b>246</b>	<b>430</b>
Baħar iċ-Ċaġħaq	2	0	2
Buġibba	4	6	10
Burmarrad	1	1	2
Għargħur	6	9	15
Madliena	4	7	11
Manikata	1	2	3
Mellieħa	13	28	41
Mgarr	10	15	25
Mosta	77	97	174
Mrieħel	0	1	1
Naxxar	35	52	87
Qawra	8	4	12
San Pawl il-Baħar	17	17	34
San Pawl tat-Tarġa	5	6	11
Xemxija	1	1	2
<b>Total</b>	<b>890</b>	<b>1215</b>	<b>2105</b>

**Table 2.9: May 2011- Registrations of Matriculation Certificate Candidates by Locality in Gozo**

<b>Locality - Gozo</b>	<b>Males</b>	<b>Females</b>	<b>Total</b>
Fontana	4	7	11
Għajnsielem	7	13	20
Għarb	3	6	9
Għasri	1	1	2
Kerċem	2	9	11
Marsalforn	0	1	1
Munxar	2	4	6
Nadur	10	17	27
Qala	13	5	18
San Lawrenz	4	2	6
Sannat	4	12	16
Santa Lucija	0	0	0
Victoria	25	31	56
Xagħra	14	16	30
Xewkija	15	19	34
Xlendi	0	1	1
Żebbuġ	8	6	14
<b>Total</b>	<b>112</b>	<b>150</b>	<b>262</b>

Table 2.10 below shows the numbers of candidates who registered for a Revision of Papers after the May 2011 results were issued.

**Table 2.10: May 2011 - Registrations for Revision of Papers\***

Subject	Advanced			Intermediate		
	Reg.	Requests	%	Reg.	Requests	%
Accounting	463	20	4.3	146	2	1.4
Applied Mathematics	-	1	12.5	89	1	1.1
Art	140	20	14.3	57	5	8.8
Biology	645	44	6.8	263	11	4.2
Chemistry	472	103	21.8	46	3	6.5
Computing	205	12	5.9	127	2	1.6
Economics	124	9	7.3	59	1	1.7
Engineering Drawing & Graphical Comm.	-	-	-	107	2	1.9
English	545	53	9.7	1572	88	5.6
Environmental Science	-	-	-	538	14	2.6
French	85	16	18.8	121	9	7.4
Geography	66	3	4.5	126	6	4.8
German	37	1	2.7	29	0	0
History	122	7	5.7	88	5	5.7
Home Economics & Human Ecology	146	3	2.1	83	1	1.2
Information Technology	113	2	1.8	283	6	2.1
Italian	266	25	9.4	205	7	3.4
Maltese	471	11	2.3	623	37	5.9
Marketing	372	9	2.4	309	10	3.2
Music	15	2	13.3	9	0	0.0
Philosophy	205	11	5.4	783	44	5.6
Physics	500	34	6.8	758	30	4.0
Pure Mathematics	686	40	5.8	475	13	2.7
Religious Knowledge	184	14	7.6	480	22	4.6
Sociology	241	15	6.2	389	19	4.9
Systems of Knowledge	-	-	-	2402	64	2.7
<b>Total</b>	<b>6111</b>	<b>455</b>	<b>7.4</b>	<b>10167</b>	<b>402</b>	<b>4.0</b>

\*The number of registrations and requests for revision of papers from **all** candidates, including Matriculation Certificate, Single Subjects and Narrowly Failed candidates.

Table 2.10 shows that the overall percentage of requests for a Revision of Papers was higher for subjects at Advanced level compared to the Intermediate level (7.4% and 4.0% respectively). Data relating to the outcome of these requests are presented in the following section.

### **SECTION 3.0: MAY 2011 RESULTS**

The following tables present the May 2011 results.

Tables 3.1 and 3.2 present the Advanced and Intermediate level results by gender obtained in the different subjects for all candidates. Tables 3.3 and 3.4 present the Advanced and Intermediate level results by gender obtained in the different subjects studied as part of the Matriculation Certificate. Table 3.5 presents the results of the Single Subjects studied at Advanced level. Tables 3.6 and 3.7 present the Advanced and Intermediate results by gender of the candidates applying for special course requirements.

Tables 3.1 and 3.2 show the Advanced and Intermediate level results of all candidates. These tables show the distribution of grades in all of the subjects and for males and females separately. In this session, at Advanced level, no statistically significant gender differences in performance were observed. At Intermediate level, the only significant gender difference in performance occurred in Information Technology where the chi square test showed a significant difference in favour of males ( $\chi^2 = 11.242$ ,  $p=0.047$ ).

The overall results are followed by the Advanced and Intermediate level results of the candidates sitting for the Matriculation Certification in May 2011 which are presented in Tables 3.3 and 3.4. These tables show the distribution of grades in all of the subjects overall and for males and females separately. Table 3.5 then focuses on the results of the Advanced level results of those candidates who applied for single subjects. This table shows the distribution of grades in all of the subjects overall and for males and females separately. In Tables 3.6 and 3.7 the results of the candidates requesting special course requirements after having obtained the Matriculation Certificate. Comparatively speaking the numbers in these tables are small, however once again, the overall distribution of grades in all of the subjects is given followed by the results for males and females separately.

**Table 3.1: May 2011 - Advanced Level Results by Subject and Gender:  
All Candidates (Part 1 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>Accounting</b>	11	42	136	59	64	104	47	463
Females	6	24	79	36	43	79	26	293
Males	5	18	57	23	21	25	21	170
<b>Applied Mathematics</b>	0	0	1	1	1	2	3	8
Females	0	0	0	0	0	0	0	0
Males	0	0	1	1	1	2	3	8
<b>Art</b>	6	21	34	24	17	26	12	140
Females	4	16	21	19	10	17	4	91
Males	2	5	13	5	7	9	8	49
<b>Arabic</b>	0	0	0	1	0	0	0	1
Females	0	0	0	0	0	0	0	0
Males	0	0	0	1	0	0	0	1
<b>Biology</b>	84	138	160	112	77	32	42	645
Females	48	79	98	72	58	24	27	406
Males	36	59	62	40	19	8	15	239
<b>Chemistry</b>	45	52	147	61	49	92	26	472
Females	19	28	73	36	31	47	17	251
Males	26	24	74	25	18	45	9	221
<b>Computing</b>	10	42	66	32	24	25	6	205
Females	5	19	21	13	9	9	2	78
Males	5	23	45	19	15	16	4	127
<b>Economics</b>	10	23	39	19	15	12	6	124
Females	6	11	16	5	10	6	4	58
Males	4	12	23	14	5	6	2	66
<b>Engineering Drawing</b>	0	0	2	0	0	0	0	2
Females	0	0	0	0	0	0	0	0
Males	0	0	2	0	0	0	0	2
<b>English</b>	18	41	177	148	49	78	34	545
Females	15	26	131	109	36	66	26	409
Males	3	15	46	39	13	12	8	136
<b>French</b>	5	13	21	19	15	10	2	85
Females	5	11	15	14	11	7	2	65
Males	0	2	6	5	4	3	0	20
<b>Geography</b>	4	16	20	11	5	6	4	66
Females	4	9	10	6	2	2	1	34
Males	0	7	10	5	3	4	3	32
<b>German</b>	10	6	11	4	2	3	1	37
Females	8	6	9	1	2	3	1	30
Males	2	0	2	3	0	0	0	7
<b>Graphical Communication</b>	2	5	8	5	1	2	0	23
Females	1	2	1	1	0	2	0	7
Males	1	3	7	4	1	0	0	16



**Table 3.1: May 2011 - Advanced Level Results by Subject and Gender:  
All Candidates (Part 2 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>History</b>	1	15	41	20	14	15	16	122
Females	1	10	17	10	4	6	5	53
Males	0	5	24	10	10	9	11	69
<b>Home Economics &amp; Human Ecology</b>	12	25	64	23	13	9	0	146
Females	12	25	57	20	13	8	0	135
Males	0	0	7	3	0	1	0	11
<b>Information Technology</b>	9	28	32	19	8	11	6	113
Females	4	13	12	10	5	4	1	49
Males	5	15	20	9	3	7	5	64
<b>Italian</b>	21	37	73	36	23	64	12	266
Females	19	20	54	29	13	42	8	185
Males	2	17	19	7	10	22	4	81
<b>Latin</b>	0	0	0	1	0	0	1	2
Females	0	0	0	0	0	0	1	1
Males	0	0	0	1	0	0	0	1
<b>Maltese</b>	20	80	186	74	51	29	31	471
Females	16	51	134	58	38	22	23	342
Males	4	29	52	16	13	7	8	129
<b>Marketing</b>	19	63	136	46	31	30	47	372
Females	10	33	83	28	17	18	24	213
Males	9	30	53	18	14	12	23	159
<b>Music</b>	2	5	3	1	2	0	2	15
Females	1	3	3	1	2	0	1	11
Males	1	2	0	0	0	0	1	4
<b>Philosophy</b>	8	34	57	20	16	51	19	205
Females	5	23	35	13	9	32	14	131
Males	3	11	22	7	7	19	5	74
<b>Physics</b>	33	78	128	107	56	76	22	500
Females	7	29	38	39	25	24	7	169
Males	26	49	90	68	31	52	15	331
<b>Pure Mathematics</b>	44	98	176	57	87	188	36	686
Females	16	29	63	17	29	66	14	234
Males	28	69	113	40	58	122	22	452
<b>Religious Knowledge</b>	14	24	45	32	25	28	16	184
Females	8	15	32	20	16	20	10	121
Males	6	9	13	12	9	8	6	63
<b>Russian</b>	3	2	0	0	0	0	1	6
Females	2	2	0	0	0	0	1	5
Males	1	0	0	0	0	0	0	1
<b>Sociology</b>	11	23	62	48	36	47	14	241
Females	9	21	47	35	25	35	12	184
Males	2	2	15	13	11	12	2	57
<b>Spanish</b>	4	10	7	7	3	2	5	38
Females	4	10	7	6	1	2	3	33
Males	0	0	0	1	2	0	2	5

**Table 3.2: May 2011 - Intermediate Level Results by Subject and Gender:  
All Candidates (Part 1 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>Accounting</b>	18	25	32	27	24	12	8	146
Females	7	11	11	14	8	3	5	59
Males	11	14	21	13	16	9	3	87
<b>Applied Mathematics</b>	10	13	14	8	12	29	3	89
Females	4	6	6	1	2	16	0	35
Males	6	7	8	7	10	13	3	54
<b>Art</b>	3	11	16	10	5	10	2	57
Females	2	9	12	7	4	7	1	42
Males	1	2	4	3	1	3	1	15
<b>Biology</b>	22	55	73	46	28	20	19	263
Females	20	45	57	38	22	16	17	215
Males	2	10	16	8	6	4	2	48
<b>Chemistry</b>	3	2	10	3	9	15	4	46
Females	1	1	7	3	4	10	3	29
Males	2	1	3	0	5	5	1	17
<b>Computing</b>	8	23	37	27	19	13	0	127
Females	5	8	9	8	7	4	0	41
Males	3	15	28	19	12	9	0	86
<b>Economics</b>	2	6	11	14	4	17	5	59
Females	1	1	4	7	0	13	3	29
Males	1	5	7	7	4	4	2	30
<b>Eng. Drawing &amp; Graphical Comm.</b>	5	10	24	18	16	30	4	107
Females	1	0	5	6	5	13	0	30
Males	4	10	19	12	11	17	4	77
<b>English</b>	95	204	399	284	229	327	34	1572
Females	52	106	218	157	137	191	18	879
Males	43	98	181	127	92	136	16	693
<b>Environmental Science</b>	31	49	152	83	110	91	22	538
Females	22	29	98	59	83	64	14	369
Males	9	20	54	24	27	27	8	169
<b>French</b>	9	17	26	28	24	16	1	121
Females	7	13	18	20	18	11	1	88
Males	2	4	8	8	6	5	0	33
<b>Geography</b>	6	21	32	25	13	19	10	126
Females	4	12	12	9	9	7	4	57
Males	2	9	20	16	4	12	6	69
<b>German</b>	8	6	7	5	3	0	0	29
Females	4	5	4	2	1	0	0	16
Males	4	1	3	3	2	0	0	13
<b>History</b>	3	18	22	13	10	18	4	88
Females	3	11	13	7	4	13	2	53
Males	0	7	9	6	6	5	2	35
<b>Home Economics &amp; Human Ecology</b>	14	15	21	18	8	3	4	83
Females	10	15	16	16	5	3	4	69
Males	4	0	5	2	3	0	0	14

**Table 3.2: May 2011 - Intermediate Level Results by Subject and Gender:  
All Candidates (Part 2 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>Information Technology</b>	37	67	91	37	26	20	5	283
Females	19	28	30	12	16	11	1	117
Males	18	39	61	25	10	9	4	166
<b>Italian</b>	12	34	79	24	31	21	4	205
Females	8	16	38	13	17	12	4	108
Males	4	18	41	11	14	9	0	97
<b>Maltese</b>	23	70	207	150	83	81	9	623
Females	16	43	128	97	50	45	7	386
Males	7	27	79	53	33	36	2	237
<b>Marketing</b>	30	58	100	47	36	27	11	309
Females	16	35	58	23	21	17	5	175
Males	14	23	42	24	15	10	6	134
<b>Music</b>	0	0	3	0	4	2	0	9
Females	0	0	3	0	4	2	0	9
Males	0	0	0	0	0	0	0	0
<b>Philosophy</b>	62	99	210	113	82	188	29	783
Females	29	56	130	70	48	105	20	458
Males	33	43	80	43	34	83	9	325
<b>Physics</b>	53	103	251	104	76	141	30	758
Females	27	46	124	60	43	84	15	399
Males	26	57	127	44	33	57	15	359
<b>Pure Mathematics</b>	24	24	68	56	127	155	21	475
Females	19	16	42	30	78	96	9	290
Males	5	8	26	26	49	59	12	185
<b>Religious Knowledge</b>	16	68	137	123	64	55	17	480
Females	8	42	77	60	37	33	9	266
Males	8	26	60	63	27	22	8	214
<b>Russian</b>	1	0	0	0	0	1	0	2
Females	0	0	0	0	0	1	0	1
Males	1	0	0	0	0	0	0	1
<b>Sociology</b>	10	23	93	88	51	108	16	389
Females	10	20	71	66	28	64	11	270
Males	0	3	22	22	23	44	5	119
<b>Spanish</b>	2	5	6	2	1	3	0	19
Females	2	4	5	2	0	2	0	15
Males	0	1	1	0	1	1	0	4
<b>Systems of Knowledge</b>	55	380	880	443	283	349	12	2402
Females	34	231	525	251	148	190	4	1383
Males	21	149	355	192	135	159	8	1019

**Table 3.3: May 2011 - Advanced Level Results by Subject and Gender:  
Matriculation Certificate (Part 1 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>Accounting</b>	9	37	107	31	33	45	4	266
Females	5	21	63	17	21	26	2	155
Males	4	16	44	14	12	19	2	111
<b>Applied Mathematics</b>	0	0	1	1	0	1	0	3
Females	0	0	0	0	0	0	0	0
Males	0	0	1	1	0	1	0	3
<b>Art</b>	2	12	18	16	11	16	0	75
Females	2	8	13	12	7	10	0	52
Males	0	4	5	4	4	6	0	23
<b>Biology</b>	63	115	144	100	72	26	12	532
Females	36	70	91	66	53	21	6	343
Males	27	45	53	34	19	5	6	189
<b>Chemistry</b>	24	44	119	52	45	84	6	374
Females	9	24	60	31	28	44	4	200
Males	15	20	59	21	17	40	2	174
<b>Computing</b>	9	37	63	31	19	17	0	176
Females	5	17	21	13	7	6	0	69
Males	4	20	42	18	12	11	0	107
<b>Economics</b>	10	20	35	16	12	9	2	104
Females	6	9	13	5	8	4	0	45
Males	4	11	22	11	4	5	2	59
<b>Engineering Drawing</b>	0	0	2	0	0	0	0	2
Females	0	0	0	0	0	0	0	0
Males	0	0	2	0	0	0	0	2
<b>English</b>	14	35	151	110	38	56	5	409
Females	14	22	115	83	28	48	4	314
Males	0	13	36	27	10	8	1	95
<b>French</b>	4	13	20	15	13	6	1	72
Females	4	11	15	11	10	5	1	57
Males	0	2	5	4	3	1	0	15
<b>Geography</b>	4	15	19	10	4	4	2	58
Females	4	9	9	5	1	1	1	30
Males	0	6	10	5	3	3	1	28
<b>German</b>	8	2	7	3	2	0	0	22
Females	6	2	6	0	2	0	0	16
Males	2	0	1	3	0	0	0	6
<b>Graphical Communication</b>	0	5	6	2	1	1	0	15
Females	0	2	1	0	0	1	0	4
Males	0	3	5	2	1	0	0	11

**Table 3.3: May 2011 - Advanced Level Results by Subject and Gender:  
Matriculation Certificate (Part 2 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>History</b>	1	13	29	19	12	6	3	83
Females	1	10	13	10	4	4	1	43
Males	0	3	16	9	8	2	2	40
<b>Home Economics &amp; Human Ecology</b>	12	24	61	22	11	7	0	137
Females	12	24	54	19	11	6	0	126
Males	0	0	7	3	0	1	0	11
<b>Information Technology</b>	9	25	29	15	6	7	3	94
Females	4	12	12	8	4	4	1	45
Males	5	13	17	7	2	3	2	49
<b>Italian</b>	21	34	63	29	18	47	3	215
Females	19	18	49	25	9	30	1	151
Males	2	16	14	4	9	17	2	64
<b>Maltese</b>	16	73	150	62	39	15	12	367
Females	12	46	104	49	30	10	8	259
Males	4	27	46	13	9	5	4	108
<b>Marketing</b>	16	44	79	29	21	14	4	207
Females	7	20	48	18	13	11	1	118
Males	9	24	31	11	8	3	3	89
<b>Music</b>	1	3	3	1	1	0	0	9
Females	1	1	3	1	1	0	0	7
Males	0	2	0	0	0	0	0	2
<b>Philosophy</b>	8	32	46	17	15	36	4	158
Females	5	21	32	10	9	23	3	103
Males	3	11	14	7	6	13	1	55
<b>Physics</b>	33	77	119	93	51	62	9	444
Females	7	28	34	32	24	20	2	147
Males	26	49	85	61	27	42	7	297
<b>Pure Mathematics</b>	44	91	158	49	74	163	15	594
Females	16	28	57	16	27	60	5	209
Males	28	63	101	33	47	103	10	385
<b>Religious Knowledge</b>	11	14	27	17	16	14	4	103
Females	6	8	20	11	10	9	3	67
Males	5	6	7	6	6	5	1	36
<b>Sociology</b>	11	22	54	43	27	34	3	194
Females	9	20	41	32	19	27	3	151
Males	2	2	13	11	8	7	0	43
<b>Spanish</b>	4	7	4	4	2	0	0	21
Females	4	7	4	4	0	0	0	19
Males	0	0	0	0	2	0	0	2

**Table 3.4: May 2011 - Intermediate Level Results by Subject and Gender:  
Matriculation Certificate (Part 1 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>Accounting</b>	16	24	31	24	23	11	3	132
Females	6	11	11	12	7	3	1	51
Males	10	13	20	12	16	8	2	81
<b>Applied Mathematics</b>	10	13	14	8	12	25	3	85
Females	4	6	6	1	2	14	0	33
Males	6	7	8	7	10	11	3	52
<b>Art</b>	3	10	16	10	5	10	1	55
Females	2	8	12	7	4	7	1	41
Males	1	2	4	3	1	3	0	14
<b>Biology</b>	22	53	69	44	26	16	8	238
Females	20	43	54	37	21	13	7	195
Males	2	10	15	7	5	3	1	43
<b>Chemistry</b>	3	1	10	3	9	13	0	39
Females	1	0	7	3	4	9	0	24
Males	2	1	3	0	5	4	0	15
<b>Computing</b>	8	20	34	26	17	12	0	117
Females	5	7	9	7	7	4	0	39
Males	3	13	25	19	10	8	0	78
<b>Economics</b>	2	6	10	13	3	15	3	52
Females	1	1	4	7	0	12	2	27
Males	1	5	6	6	3	3	1	25
<b>Engineering Drawing &amp; Graphical Comm.</b>	5	10	24	17	16	30	4	106
Females	1	0	5	5	5	13	0	29
Males	4	10	19	12	11	17	4	77
<b>English</b>	86	182	363	258	195	267	20	1371
Females	45	93	196	140	112	153	10	749
Males	41	89	167	118	83	114	10	622
<b>Environmental Science</b>	31	48	142	79	108	78	20	506
Females	22	29	91	59	83	53	13	350
Males	9	19	51	20	25	25	7	156
<b>French</b>	8	17	23	26	22	12	1	109
Females	7	13	17	18	16	8	1	80
Males	1	4	6	8	6	4	0	29
<b>Geography</b>	6	21	30	25	13	18	9	122
Females	4	12	11	9	9	7	4	56
Males	2	9	19	16	4	11	5	66
<b>German</b>	8	4	7	5	3	0	0	27
Females	4	4	4	2	1	0	0	15
Males	4	0	3	3	2	0	0	12

**Table 3.4: May 2011 - Intermediate Level Results by Subject and Gender:  
Matriculation Certificate (Part 2 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>History</b>	3	17	21	13	10	15	3	82
Females	3	10	12	7	4	11	2	49
Males	0	7	9	6	6	4	1	33
<b>Home Economics &amp; Human Ecology</b>	14	15	17	17	6	3	3	75
Females	10	15	14	15	4	3	3	64
Males	4	0	3	2	2	0	0	11
<b>Information Technology</b>	37	65	90	37	26	19	4	278
Females	19	26	30	12	16	10	1	114
Males	18	39	60	25	10	9	3	164
<b>Italian</b>	11	29	73	21	27	19	1	181
Females	7	14	35	11	15	11	1	94
Males	4	15	38	10	12	8	0	87
<b>Maltese</b>	20	66	187	141	75	62	5	556
Females	14	41	114	89	49	34	5	346
Males	6	25	73	52	26	28	0	210
<b>Marketing</b>	28	55	97	44	34	22	3	283
Females	15	34	57	20	21	14	1	162
Males	13	21	40	24	13	8	2	121
<b>Music</b>	0	0	3	0	4	2	0	9
Females	0	0	3	0	4	2	0	9
Males	0	0	0	0	0	0	0	0
<b>Philosophy</b>	55	93	207	107	76	176	18	732
Females	25	54	128	68	44	98	12	429
Males	30	39	79	39	32	78	6	303
<b>Physics</b>	48	83	238	97	72	133	13	684
Females	24	39	117	57	40	80	9	366
Males	24	44	121	40	32	53	4	318
<b>Pure Mathematics</b>	22	21	64	53	120	136	7	423
Females	17	13	39	28	74	85	1	257
Males	5	8	25	25	46	51	6	166
<b>Religious Knowledge</b>	15	65	131	120	62	47	11	451
Females	8	39	73	58	35	27	6	246
Males	7	26	58	62	27	20	5	205
<b>Sociology</b>	10	23	89	84	49	105	12	372
Females	10	20	69	63	26	62	8	258
Males	0	3	20	21	23	43	4	114
<b>Spanish</b>	2	5	4	2	1	2	0	16
Females	2	4	3	2	0	1	0	12
Males	0	1	1	0	1	1	0	4
<b>Systems of Knowledge</b>	55	380	876	437	277	330	12	2367
Females	34	231	522	250	143	181	4	1365
Males	21	149	354	187	134	149	8	1002

**Table 3.5: May 2011 - Advanced Level Results by Subject and Gender:  
Single Subjects (Part 1 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>Accounting</b>	2	5	24	28	30	59	42	190
Females	1	3	14	19	21	53	24	135
Males	1	2	10	9	9	6	18	55
<b>Applied Mathematics</b>	0	0	0	0	1	1	3	5
Females	0	0	0	0	0	0	0	0
Males	0	0	0	0	1	1	3	5
<b>Arabic</b>	0	0	0	1	0	0	0	1
Females	0	0	0	0	0	0	0	0
Males	0	0	0	1	0	0	0	1
<b>Art</b>	4	9	15	8	6	10	12	64
Females	2	8	8	7	3	7	4	39
Males	2	1	7	1	3	3	8	25
<b>Biology</b>	21	22	12	9	3	6	27	100
Females	12	9	4	3	3	3	18	52
Males	9	13	8	6	0	3	9	48
<b>Chemistry</b>	21	8	23	8	3	7	20	90
Females	10	4	9	4	2	2	13	44
Males	11	4	14	4	1	5	7	46
<b>Computing</b>	1	4	3	1	5	8	6	28
Females	0	2	0	0	2	3	2	9
Males	1	2	3	1	3	5	4	19
<b>Economics</b>	0	3	4	2	3	2	4	18
Females	0	2	3	0	2	1	4	12
Males	0	1	1	2	1	1	0	6
<b>English</b>	4	6	21	36	11	21	29	128
Females	1	4	13	24	8	17	22	89
Males	3	2	8	12	3	4	7	39
<b>French</b>	1	0	1	3	2	4	1	12
Females	1	0	0	3	1	2	1	8
Males	0	0	1	0	1	2	0	4
<b>Geography</b>	0	1	1	0	1	2	2	7
Females	0	0	1	0	1	1	0	3
Males	0	1	0	0	0	1	2	4
<b>German</b>	2	4	4	1	0	3	1	15
Females	2	4	3	1	0	3	1	14
Males	0	0	1	0	0	0	0	1
<b>Graphical Communication</b>	2	0	1	3	0	1	0	7
Females	1	0	0	1	0	1	0	3
Males	1	0	1	2	0	0	0	4



**Table 3.5: May 2011- Advanced Level Results by Subject and Gender:  
Single Subjects (Part 2 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>History</b>	0	2	12	1	1	8	12	36
Females	0	0	4	0	0	2	3	9
Males	0	2	8	1	1	6	9	27
<b>Home Economics &amp; Human Ecology</b>	0	1	3	1	2	2	0	9
Females	0	1	3	1	2	2	0	9
Males	0	0	0	0	0	0	0	0
<b>Information Technology</b>	0	2	3	4	2	4	3	18
Females	0	0	0	2	1	0	0	3
Males	0	2	3	2	1	4	3	15
<b>Italian</b>	0	3	9	6	5	17	9	49
Females	0	2	5	3	4	12	7	33
Males	0	1	4	3	1	5	2	16
<b>Latin</b>	0	0	0	1	0	0	1	2
Females	0	0	0	0	0	0	1	1
Males	0	0	0	1	0	0	0	1
<b>Maltese</b>	4	7	36	12	11	14	19	103
Females	4	5	30	9	8	12	15	83
Males	0	2	6	3	3	2	4	20
<b>Marketing</b>	3	18	52	16	10	16	42	157
Females	3	12	32	10	4	7	23	91
Males	0	6	20	6	6	9	19	66
<b>Music</b>	1	2	0	0	1	0	2	6
Females	0	2	0	0	1	0	1	4
Males	1	0	0	0	0	0	1	2
<b>Philosophy</b>	0	2	11	3	1	14	15	46
Females	0	2	3	3	0	9	11	28
Males	0	0	8	0	1	5	4	18
<b>Physics</b>	0	0	7	11	5	14	13	50
Females	0	0	4	6	1	4	5	20
Males	0	0	3	5	4	10	8	30
<b>Pure Mathematics</b>	0	6	13	7	9	22	21	78
Females	0	1	4	1	1	5	9	21
Males	0	5	9	6	8	17	12	57
<b>Religious Knowledge</b>	3	10	18	15	7	13	12	78
Females	2	7	12	9	5	10	7	52
Males	1	3	6	6	2	3	5	26
<b>Russian</b>	3	2	0	0	0	0	1	6
Females	2	2	0	0	0	0	1	5
Males	1	0	0	0	0	0	0	1
<b>Sociology</b>	0	1	7	5	7	13	11	44
Females	0	1	5	3	5	8	9	31
Males	0	0	2	2	2	5	2	13
<b>Spanish</b>	0	3	3	3	1	2	5	17
Females	0	3	3	2	1	2	3	14
Males	0	0	0	1	0	0	2	3

**Table 3.6: May 2011 - Intermediate Level Results by Subject and Gender:  
Single Subjects (Part 1 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>Accounting</b>	2	1	1	2	1	1	4	12
Females	1	0	0	2	1	0	3	7
Males	1	1	1	0	0	1	1	5
<b>Applied Mathematics</b>	0	0	0	0	0	3	0	3
Females	0	0	0	0	0	2	0	2
Males	0	0	0	0	0	1	0	1
<b>Art</b>	0	1	0	0	0	0	1	2
Females	0	1	0	0	0	0	0	1
Males	0	0	0	0	0	0	1	1
<b>Biology</b>	0	1	4	2	1	4	11	23
Females	0	1	3	1	0	3	10	18
Males	0	0	1	1	1	1	1	5
<b>Chemistry</b>	0	0	0	0	0	2	3	5
Females	0	0	0	0	0	1	3	4
Males	0	0	0	0	0	1	0	1
<b>Computing</b>	0	3	2	1	2	1	0	9
Females	0	1	0	1	0	0	0	2
Males	0	2	2	0	2	1	0	7
<b>Economics</b>	0	0	1	1	1	2	2	7
Females	0	0	0	0	0	1	1	2
Males	0	0	1	1	1	1	1	5
<b>Eng. Drawing &amp; Graphical Comm.</b>	0	0	0	1	0	0	0	1
Females	0	0	0	1	0	0	0	1
Males	0	0	0	0	0	0	0	0
<b>English</b>	9	22	28	22	25	51	11	168
Females	7	13	16	15	19	32	7	109
Males	2	9	12	7	6	19	4	59
<b>Environmental Science</b>	0	1	2	1	2	5	0	11
Females	0	0	2	0	0	4	0	6
Males	0	1	0	1	2	1	0	5
<b>French</b>	1	0	2	2	0	4	0	9
Females	0	0	1	2	0	3	0	6
Males	1	0	1	0	0	1	0	3
<b>Geography</b>	0	0	1	0	0	1	0	2
Females	0	0	0	0	0	0	0	0
Males	0	0	1	0	0	1	0	2
<b>German</b>	0	2	0	0	0	0	0	2
Females	0	1	0	0	0	0	0	1
Males	0	1	0	0	0	0	0	1

**Table 3.6: May 2011 - Intermediate Level Results by Subject and Gender:  
Single Subjects (Part 2 of 2)**

<b>Subjects</b>	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>Abs</b>	<b>Total</b>
<b>History</b>	0	1	0	0	0	1	1	3
Females	0	1	0	0	0	0	0	1
Males	0	0	0	0	0	1	1	2
<b>Home Economics</b>	0	0	4	1	2	0	1	8
Females	0	0	2	1	1	0	1	5
Males	0	0	2	0	1	0	0	3
<b>Information Technology</b>	0	2	1	0	0	0	1	4
Females	0	2	0	0	0	0	0	2
Males	0	0	1	0	0	0	1	2
<b>Italian</b>	1	4	4	3	2	2	3	19
Females	1	1	2	2	1	1	3	11
Males	0	3	2	1	1	1	0	8
<b>Maltese</b>	3	4	16	8	6	15	4	56
Females	2	2	10	7	1	9	2	33
Males	1	2	6	1	5	6	2	23
<b>Marketing</b>	0	1	2	2	2	5	7	19
Females	0	0	1	2	0	3	4	10
Males	0	1	1	0	2	2	3	9
<b>Philosophy</b>	7	5	2	3	4	8	11	40
Females	4	1	2	0	2	4	8	21
Males	3	4	0	3	2	4	3	19
<b>Physics</b>	5	20	9	4	3	5	17	63
Females	3	7	4	1	3	2	6	26
Males	2	13	5	3	0	3	11	37
<b>Pure Mathematics</b>	2	2	4	1	6	13	11	39
Females	2	2	3	1	3	7	6	24
Males	0	0	1	0	3	6	5	15
<b>Religious Knowledge</b>	1	3	4	2	2	6	5	23
Females	0	3	3	2	2	5	2	17
Males	1	0	1	0	0	1	3	6
<b>Russian</b>	1	0	0	0	0	1	0	2
Females	0	0	0	0	0	1	0	1
Males	1	0	0	0	0	0	0	1
<b>Sociology</b>	0	0	2	0	1	1	3	7
Females	0	0	1	0	1	0	2	4
Males	0	0	1	0	0	1	1	3
<b>Spanish</b>	0	0	2	0	0	1	0	3
Females	0	0	2	0	0	1	0	3
Males	0	0	0	0	0	0	0	0
<b>Systems of Knowledge</b>	0	0	1	0	0	6	0	7
Females	0	0	1	0	0	4	0	5
Males	0	0	0	0	0	2	0	2