

FOREWORD

The 2010 Matriculation Certificate Statistical Report presents data concerning the registrations and results of candidates for the main session of the examinations held in May and the supplementary session held in September 2010. These data offer an opportunity to educators, students and parents to obtain an overview of the students' performance in the various subjects. The report also includes general data for all the years since 1997 when the Matriculation Certificate examinations were first held. These provide important indicators about developments in the academic stream of the post-secondary education sector in Malta over the last fourteen years.

The report first presents information about all candidates who sit for the Advanced and Intermediate Matriculation examinations. It then focuses separately on the groups of candidates sitting for the Matriculation Certificate and candidates sitting for examinations in single subjects. Special attention is given to the registrations and performance in the Matriculation Certificate of the 1992 cohort, that is, the candidates who turned 18 years of age in 2010 and had just finished their compulsory school cycle and two years at the post-secondary level.

The overall pass rate of the Matriculation Certificate was 62.9%, which was slightly higher than the average 62.3% pass rate of the last seven years. However, the pass rate of the 1992 cohort was 71.3% with a clear bias in favour of females as 72.8% female candidates and 69.1% male candidates obtained the Matriculation Certificate in 2010. This discrepancy becomes more obvious when one considers that there were more female candidates than male candidates in 2010 and that of all 18-year-olds born in 1992, 27.8% of females and only 17.3% males passed the Matriculation Certificate and obtained the required qualification for admission to the University of Malta. Other gender differences can be explored by considering the registration data and the results for Advanced and Intermediate subjects separately. Additionally, the registration data by locality presents demographic data with a sociological significance.

This report also answers some of the queries received by the MATSEC Board about the revision of papers after the publication of results by providing information about the number of requests for revision of papers by subject and level and the number of upgrades in May and September. Other relevant data about the effect of the supplementary session on the candidates' overall performance are provided for analysis.

Finally, 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 Ms Margaret Buhagiar, Mr Leander 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
February 2011

MATSEC EXAMINATIONS BOARD

**MATRICULATION CERTIFICATE
EXAMINATIONS 2010**

**MATSEC SUPPORT UNIT
UNIVERSITY OF MALTA**

FEBRUARY 2011

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EXECUTIVE SUMMARY

This document reports on the Matriculation Certificate examinations of 2010 as well as the single subjects offered at Advanced and Intermediate Matriculation level in the same year. Candidates of the 1992 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 – 2010, to indicate the trends that have been developing since the Matriculation Certificate examinations were introduced in the Maltese Islands.

May 2010 Registrations

Matriculation Certificate

In total, 2,414 candidates registered for the examination of the May 2009 session: 1022 males and 1,392 females. There were 2165 candidates from Malta (912 males and 1253 females) and 249 candidates from Gozo (110 males and 139 females).

In 2010, the largest number of registrations (71.3%) belonged to the 1992 cohort. These are the candidates who turned eighteen in 2010. In total, 31.5% of the infants born in 1992 (N= 5,474) registered for the Matriculation Certificate examinations in 2010. In particular, 25.0% of males (N=2,804) and 38.2% of females (N=2,670) born in 1992 registered for these examinations in this year.

In 2010, 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 (576 candidates), Biology (581), Physics (417), and English (365). 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 (1456 candidates). This was followed by Physics (723), Philosophy (720), and Maltese (574). At this level, higher proportions of females than males were observed in Biology, Chemistry, Environmental Science, French, 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 1,370 candidates who registered for Single Subjects at Advanced Matriculation and Intermediate level: 467 males and 903 females. There were 1261 candidates from Malta (422 males and 839 females) and 109 candidates from Gozo (45 males and 64 females).

The most popular Advanced level single subjects were Accounting (272 candidates), English (176 candidates) and Marketing (164 candidates). The most popular Intermediate level single subjects were English (132 candidates), Pure Mathematics (66 candidates) and Physics (63 candidates).

May 2010 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, the only significant gender difference in performance was in Biology ($\chi^2 = 19.648$, $p < 0.001$) and it was in favour of males. At Intermediate level, there were significant gender differences in favour of females in English ($\chi^2 = 15.697$, $p < 0.01$), Physics ($\chi^2 = 18.145$, $p < 0.01$), Religious Knowledge ($\chi^2 = 14.535$, $p < 0.05$), Sociology ($\chi^2 = 13.142$, $p < 0.05$), and Systems of Knowledge ($\chi^2 = 27.182$, $p < 0.001$).

The May 2010 results showed that 50.0% of the May 2010 candidates (47.0% of males and 52.3% of females) were awarded a pass in the Matriculation Certificate after the main examination session. Overall, 8.2% of the candidates obtained Grade A, 16.9% obtained Grade B and 25.0% obtained Grade C. This year, a larger proportion of females obtained Grade A (8.0% of males compared to 8.3% of females) and also more females obtained Grade B (17.3% of females compared to 16.2% of males) and Grade C (26.7% of females compared to 22.7% of males).

The overall percentages of requests for revision of papers averaged 6.2% for subjects at Advanced level and 4.1% for subjects at Intermediate level. At Advanced level, 19 out of the 390 requests for a revision of papers had their grade revised. At Intermediate level, 13 out of the 371 requests resulted in a higher grade.

September 2010 Registrations

In total, 45.2% of the candidates (44.9% of males and 45.4% of females) who sat for the Matriculation Certificate in May 2010 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 (78.2%). In addition, 18.8% of the September candidates had already obtained an overall Grade C in May, 2.7% had obtained a Grade B and four candidates had obtained an overall Grade A. There were 250 candidates who registered for single subjects at Advanced and Intermediate Matriculation level (79 males and 171 females) for the supplementary session.

September 2010 Results

Overall, there were 50.2% of the candidates (47.3% of males and 52.4% of females) who sat for the Supplementary session in September 2010 who managed to get a pass in the Matriculation Certificate. Overall, 1.1% of the candidates obtained Grade A, 7.5% obtained Grade B and 41.6% obtained Grade C. There were 14.3% of the candidates who were classified as Narrowly Failed.

The overall percentages of requests for revision of papers averaged 7.3% for subjects at Advanced level and 6.3% for subjects at Intermediate level. At Advanced level, only one out of the 71 requests for a Revision of Papers had the grade revised. At Intermediate level, five of the 67 requests for a Revision of Papers had the grade revised.

Overall Results

In 2010, there were 62.8% of the candidates (1,517 out of 2,414) who obtained the Matriculation Certificate. There were 50.0% (1,208) who qualified in the May session and 12.8% (310) who qualified in the September session.

The analysis on the 1992 cohort shows that 71.3% of the candidates born in that year (1,228 out of 1,722) obtained the Matriculation Certificate in 2010. This means that 22.4 % of the infants born in 1992 (1,228 out of 5,474) obtained the obligatory entry requirements for University in 2010. There was a gender imbalance in this figure in favour of females: while 27.8% of females born in 1992 (907 out of 2,670) obtained the Matriculation Certificate in 2010, only 17.3 % of males born in the same year (610 out of 2,804) 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, French, Graphical Communication, Home Economics & Human Ecology, Information Technology, Maltese, Music, Russian and Spanish) to less than 40% (Engineering Drawing).

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% (Computing, German, Home Economics and Human Ecology, Information Technology, Italian and Spanish) to less than 70% (Chemistry and Engineering Drawing & Graphical Communication).

MATSEC EXAMINATIONS BOARD

MATRICULATION CERTIFICATE 2010

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

For subjects at Intermediate Level:

Grade A = 10 grade points
Grade B = 8 grade points
Grade C = 6 grade points

Grade D = 12 grade points

Grade D = 4 grade points

Grade E = 6 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 – 2010.

Table 1.1: Registrations for Matriculation Certificate 1997-2010

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

Table 1.2 shows the numbers of candidates who have registered for Single Subjects at Advanced Matriculation level during the period 1997– 2010 and at Advanced and Intermediate level in 2009 and 2010.

Table 1.2: Registrations for Single Subjects 1997-2010

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

The present document reports on the Matriculation Certificate examinations which took place in 2010. 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 2010 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 2010 are presented in Appendix A.

2010 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 2nd – 13th November 2009 (See Appendix C for a copy of the registration forms). Late applications were received on 6th and 8th January 2010. 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 2414 candidates (1022 males and 1392 females) who registered for the Matriculation Certificate examinations of May 2010. In addition, there were 1370 candidates (467 males and 903 females) who registered for single subjects at Advanced and Intermediate Matriculation level.

The written examinations took place between 26th April and 29th May 2010

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 16th July 2010. In this session, there were 2383 (98.7%) of the Matriculation Certificate candidates who applied to receive their results by sms. There were 1321 (96.4%) of the Single Subject registrants who also applied for this service. Registration for the service of a Revision of Papers took place between 26th July and 30th July 2010 at the MATSEC Building, University of Malta. (See Appendix D for a copy of the form).

2010 September Session

The timetable for the September session was issued on the mid-October 2009 (see Appendix B).

Registration for the examinations took place between 26th July and 30th July 2010. All applications were received and processed by the MATSEC Support Unit, University of Malta. There were 1091 candidates who registered for the Matriculation Certificate examinations (459 males and 632 females) and 250 candidates who registered for single subjects at Advanced and Intermediate Matriculation level (79 males and 171 females) for the supplementary session.

The examinations were held between 1st and 7th September 2010.

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

The results of these examinations were published on 24th September 2010. In this session, 1080 (99.0%) of the Matriculation Certificate candidates registered to receive their result by sms. A further 241 (96.4%) of the Single Subject candidates also registered for this service.

Registration for the service of a Revision of Papers took place on 4th October 2010 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 40 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.

In 2010 the following examination centres were used in Malta:

May 2010

<u>Name of Centre</u>	<u>Capacity</u>
Giovanni Curmi Higher Secondary School, Naxxar	630
St Aloysius College, Birkirkara	638

The services of 8 supervisors and 90 invigilators were used.

September 2010

<u>Name of Centre</u>	<u>Capacity</u>
Gian Frangisk Abela Junior College, Msida	572

The services of 4 supervisors and 55 invigilators were used.

In Gozo, the following two examination centres were used in 2010 for the May and September sessions:

<u>Name of Centre</u>	<u>Capacity</u>
Examinations Centre, Victoria	150
Sir M.A. Refalo Post-Secondary School, Victoria	400

In May 2010, the services of 4 supervisors and 55 invigilators were used whereas in September 2010, the services of 2 supervisors and 15 invigilators were used.

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	14 th April
German	16 th April
Italian	10 th , 13 th April
Russian	16 th April
Spanish	16 th April

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

Subject	Dates
Arabic	19 th April
English	21 st , 22 nd , 23 rd , 24 th April
French	20 th April
German	19 th April
Italian	15 th , 17 th April
Maltese	8 th , 9 th , 12 th April
Russian	19 th April
Spanish	19 th 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	-	1
French	9	1	10
German	2	1	3
Italian	8	1	9
Russian	1	-	1
Spanish	3	1	4
Total	24	4	28

Table 1.6: Examiners used for Orals of Intermediate Level Examinations

Subject	Malta	Gozo	Total
Arabic	1	-	1
English	16	5	21
French	8	1	9
German	2	1	3
Italian	6	1	7
Maltese	10	4	14
Russian	1	-	1
Spanish	1	1	2
Total	45	13	58

1.6 Coursework

There were five subjects at Advanced Level with a coursework component in May 2010. 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 9th April 2010.

There were four subjects at Intermediate Level with a coursework component in May 2010. 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 March 2010.

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**

Subject	Dates
Biology	10 th June
Chemistry	4 th June
Music	28 th , 29 th April
Physics	14 th June

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 Giovanni Curmi Higher Secondary School laboratories were also used for Chemistry. In Gozo, they were held at the laboratories of Sir M.A. Refalo Post-Secondary School, Victoria.

In May 2010, 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 2010 session, there were 390 requests for Revision of Papers at Advanced Level and 371 at Intermediate Level. In the September 2009 session, there were 71 requests for Revision of Papers at Advanced Level and 67 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 2010. 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 2010 REGISTRATIONS

Table 2.1 presents the numbers of candidates who registered in May 2010 for the Matriculation Certificate by year of birth and gender.

**Table 2.1: Matriculation Certificate Registrations in 2010
by Year of Birth and Gender**

Year	Males	Females	Total
Pre-1989	9	10	19
1989	16	17	33
1990	48	55	103
1991	244	287	531
1992	702	1020	1722
1993	3	3	6
Total	1022	1392	2414

In total, there were 2,414 candidates in May 2010: 1022 males and 1,392 females. There were 2165 candidates from Malta (912 males and 1253 females) and 249 candidates from Gozo (110 males and 139 females).

The largest number of registrations (71.3%) belonged to the 1992 cohort. This is the cohort that turned eighteen in 2010. There were 5,474 infants born in 1992 (2,804 males and 2,670 females) in the Maltese Islands. This means that 31.5% of the infants born in 1991 (25.0% of males and 38.2% of females) registered for the Matriculation Certificate examinations in 2010.

Table 2.2 presents the numbers of candidates who registered in May 2010 for single subjects at Advanced and Intermediate Matriculation level by year of birth and gender.

**Table 2.2: Single Subjects Registrations in 2010
by Year of Birth and Gender**

Year	Males	Females	Total
Pre-1989	188	369	557
1989	29	81	110
1990	66	117	183
1991	96	189	285
1992	57	116	173
1993	31	31	62
1994	-	-	0
Total	467	903	1370

Table 2.2 shows that there were 1,370 candidates who registered for single subjects at Advanced and Intermediate Matriculation level in 2010, 467 males and 903 females. There were 1261 candidates from Malta (422 males and 839 females) and 109 candidates from Gozo (45 males and 64 females).

The largest category of registrations for single subjects belonged to the pre-1989 cohort (40.7%). 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 (20.8%).

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 65.9% females versus 34.1% 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 2010 Matriculation Certificate Registrations by Subject and Gender

Subjects	Advanced Level			Intermediate Level		
	Males	Females	Total	Males	Females	Total
Accounting	149	198	347	73	67	140
Applied Mathematics	5	2	7	52	27	79
Arabic	-	-	-	0	1	1
Art	17	45	62	13	31	44
Biology	209	372	581	38	187	225
Chemistry	175	254	429	20	35	55
Computing	139	59	198	93	39	132
Economics	59	66	125	30	45	75
Engineering Drawing	-	-	-	-	-	-
Engineering & Graphical Communication	-	-	-	64	25	89
English	94	271	365	667	789	1456
Environmental Science	0	0	0	156	311	467
French	22	71	93	35	76	111
Geography	21	23	44	86	49	135
German	3	10	13	8	10	18
Graphical Communication	10	5	15	-	-	-
History	43	61	104	30	33	63
Home Economics & Human Ecology	8	95	103	4	50	54
Information Technology	60	44	104	136	156	292
Italian	63	119	182	97	98	195
Maltese	91	258	349	208	366	574
Marketing	93	151	244	121	150	271
Music	3	7	10	2	5	7
Philosophy	52	99	151	295	425	720
Physics	267	150	417	339	384	723
Pure Mathematics	385	191	576	199	307	506
Religious Knowledge	23	38	61	187	240	427
Sociology	50	168	218	110	258	368
Spanish	3	27	30	3	12	15
Systems of Knowledge	-	-	-	1022	1392	2414

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 1: AM Registration by Gender: Group 1

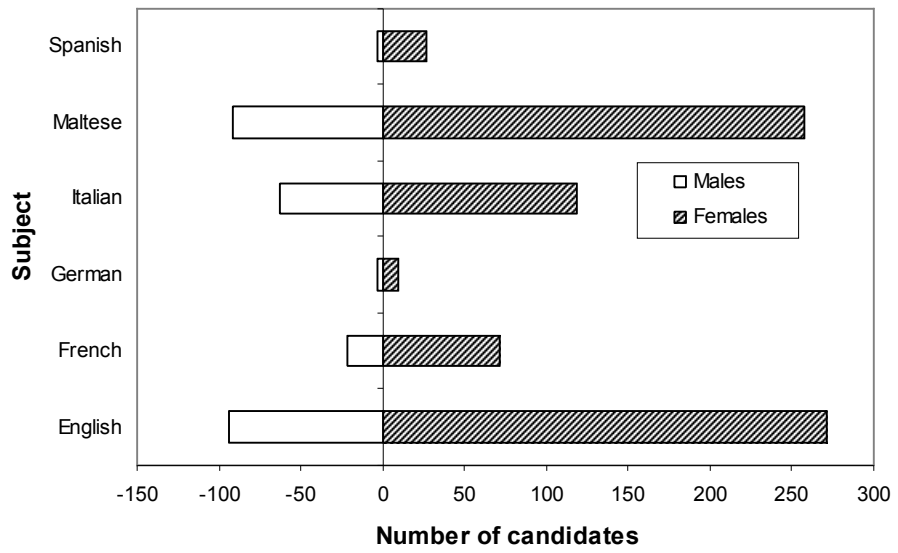
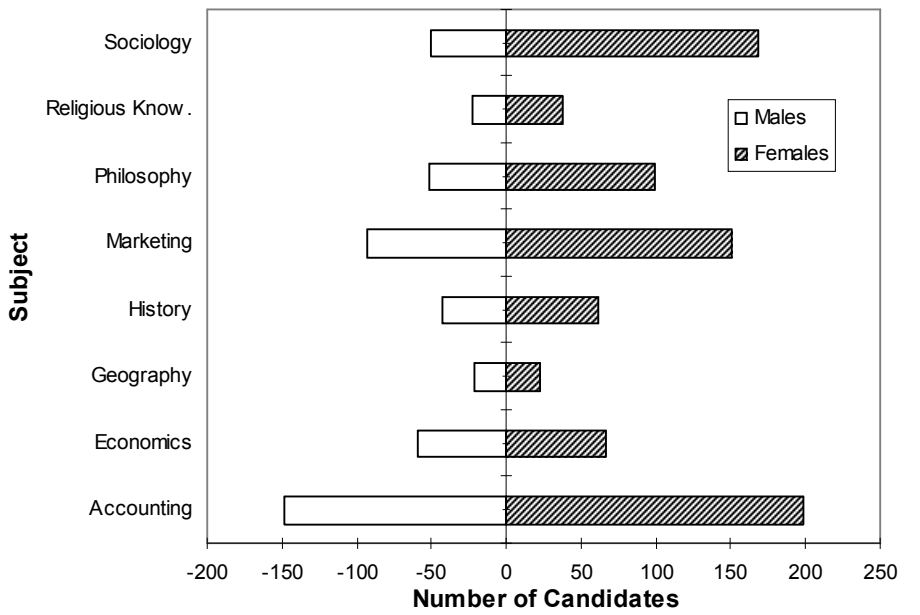
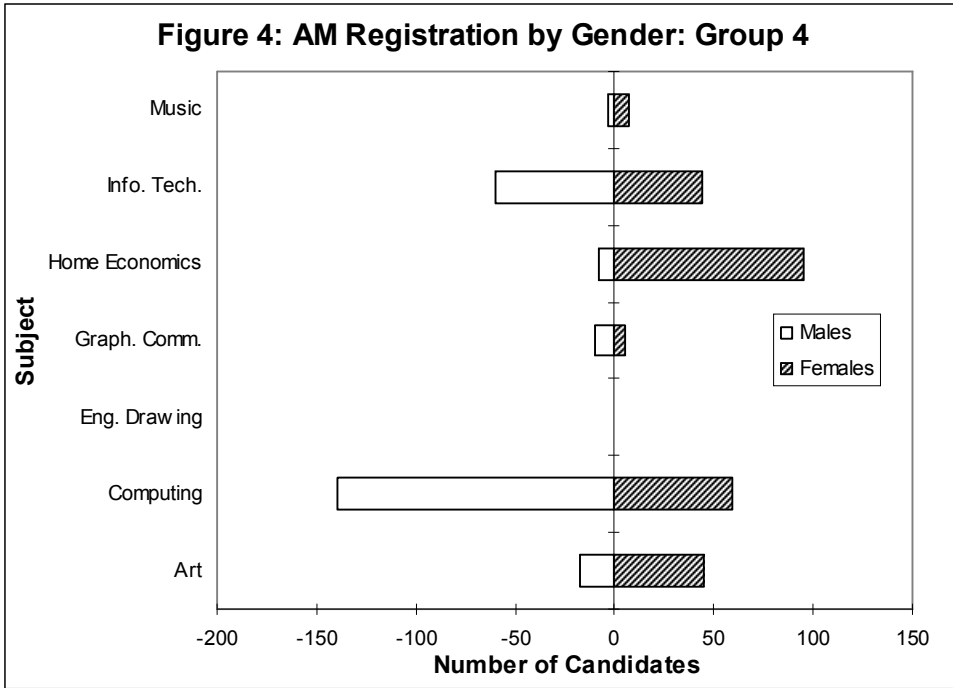
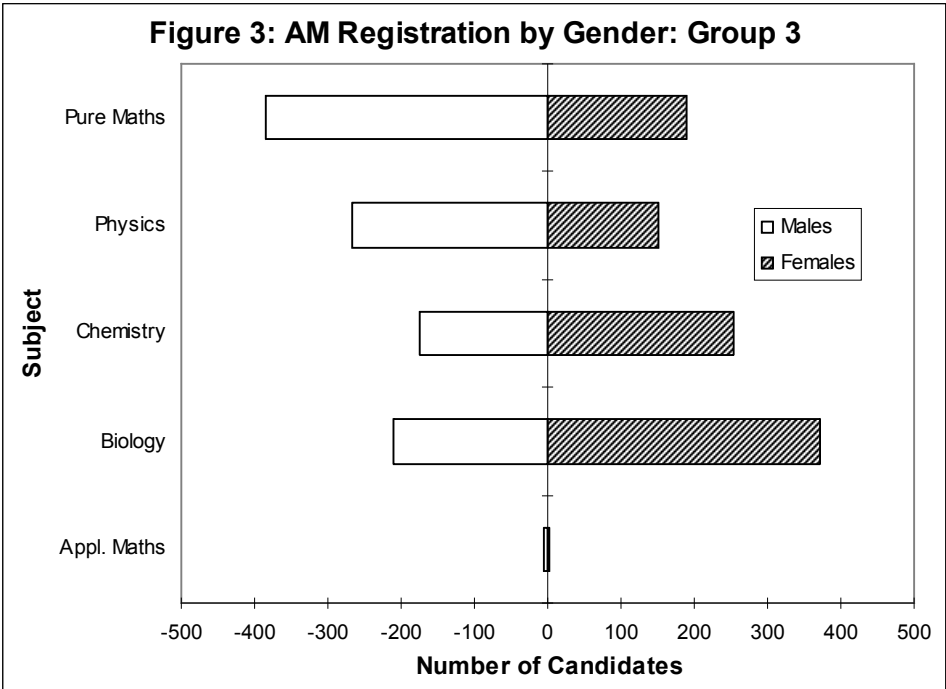
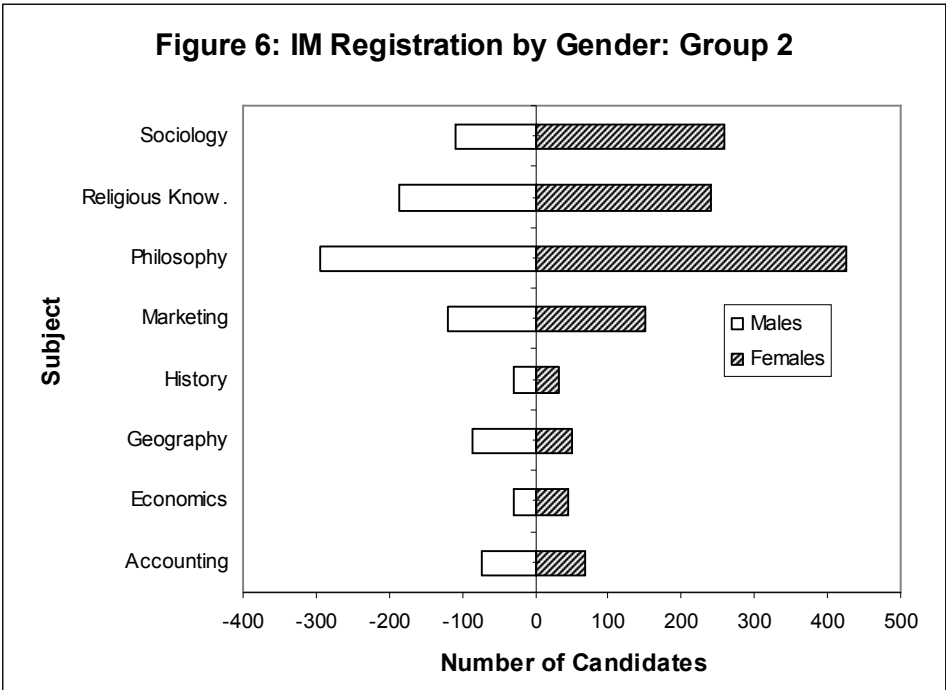
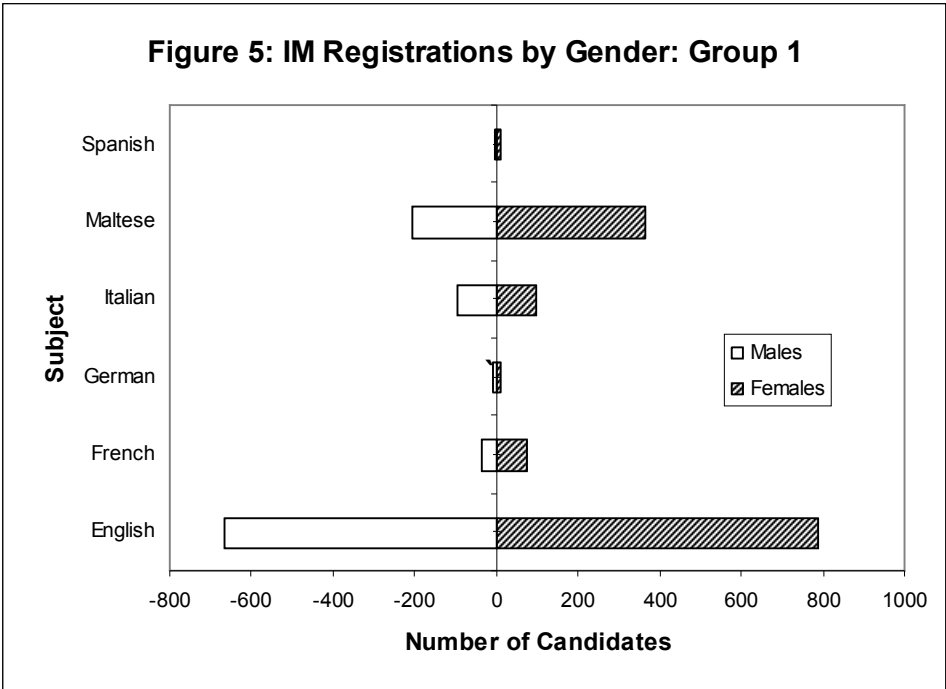
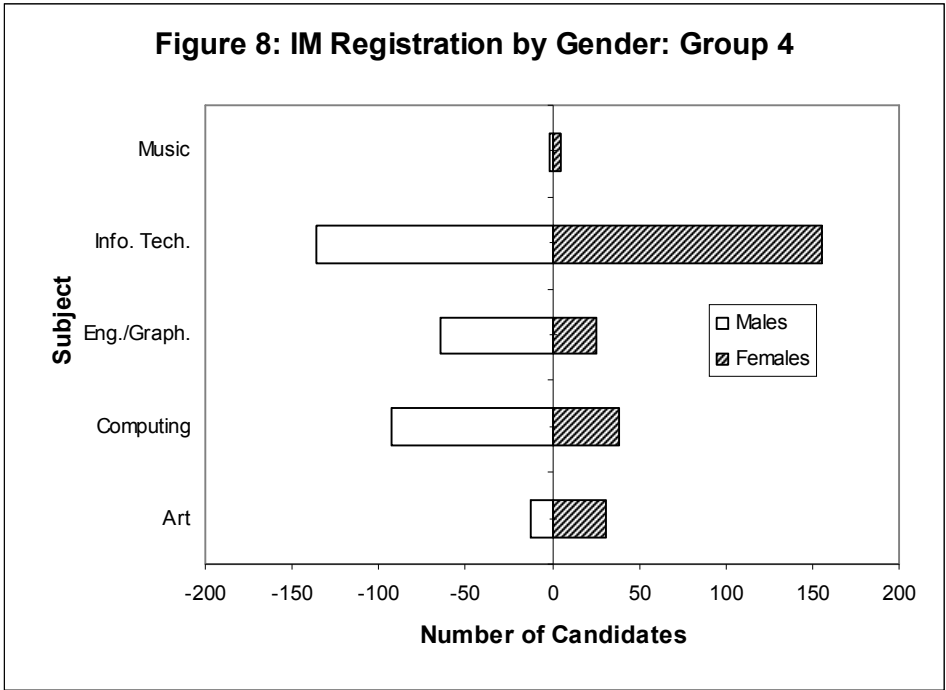
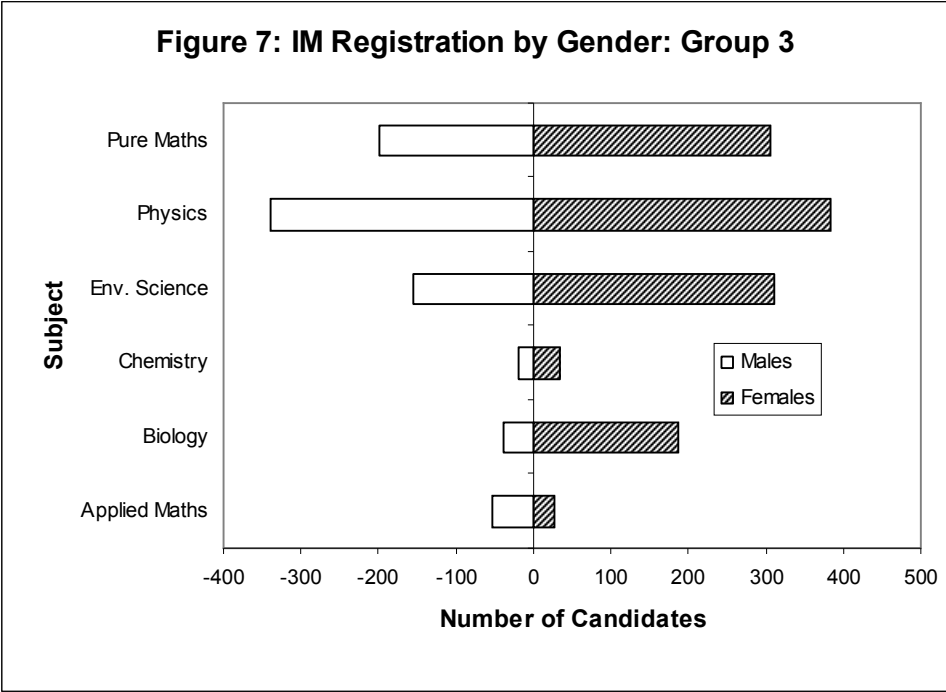


Figure 2: AM Registration by Gender: Group 2









In the Matriculation Certificate, the most popular subjects at Advanced level were Biology (581), Pure Mathematics (576 candidates), Chemistry (429), Physics (417), and English (365). At Intermediate level, the most popular subject was English (1456 candidates). This was followed by Physics (723), Philosophy (720) and Maltese (574).

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 Graphical Communication, Physics and Pure Mathematics.

At Intermediate level, a higher proportion of females than males was observed in Art, Biology, Chemistry, Environmental Science, French, 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 and Engineering Drawing/Graphical Communication.

In 2010, there were 10 candidates (2 males and 8 females) who were classified as Narrowly Failed (N) in 2008 and applied to sit for one subject in May 2010. Furthermore, there were 129 candidates (51 males and 78 females) who were classified as Narrowly Failed in 2009 and applied to sit for one subject in May 2010. 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 2010, the most popular Advanced Level single subjects were Accounting (272 candidates), English (176 candidates) and Marketing (164 candidates).

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 2010, the most popular subjects were English (132 candidates), Pure Mathematics (66 candidates) and Physics (63 candidates).

This year there were 40 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, rest periods, large print, provision of amanuenses as well as special instructions to examiners of oral components, invigilators and markers.

Table 2.4: May 2010 - Advanced Single Subjects Registrations by Subject and Gender

Subjects	Advanced Level		
	Males	Females	Total
Accounting	72	200	272
Applied Mathematics	2	0	2
Arabic	0	1	1
Art	17	34	51
Biology	30	61	91
Chemistry	30	55	85
Computing	20	14	34
Economics	8	18	26
Engineering Drawing	3	0	3
English	48	128	176
French	2	19	21
Geography	7	5	12
German	7	6	13
Graphical Communication	4	2	6
Greek	0	1	1
History	19	14	33
Home Economics & Human Ecology	1	11	12
Information Technology	9	5	14
Italian	22	49	71
Maltese	32	79	111
Marketing	61	103	164
Music	2	3	5
Philosophy	22	24	46
Physics	27	11	38
Pure Mathematics	46	20	66
Religious Knowledge	39	61	100
Russian	5	9	14
Sociology	22	46	68
Spanish	2	11	13

Table 2.5: May 2010 - Intermediate Single Subjects Registrations by Subject and Gender

Subjects	Intermediate		
	Males	Females	Total
Accounting	3	2	5
Applied Mathematics	4	1	5
Arabic	0	1	1
Art	0	2	2
Biology	3	12	15
Chemistry	4	11	15
Computing	1	0	1
Economics	4	2	6
Engineering Drawing & Graphical Comm.	4	4	8
English	37	95	132
Environmental Science	5	9	14
French	2	6	8
Geography	2	4	6
German	2	4	6
Home Economics & Human Ecology	2	2	4
History	1	1	2
Information Technology	1	3	4
Italian	4	6	10
Maltese	15	28	43
Marketing	3	3	6
Philosophy	9	19	28
Physics	26	37	63
Pure Mathematics	24	42	66
Religious Knowledge	6	15	21
Russian	0	1	1
Sociology	4	6	10
Spanish	0	1	1
Systems of Knowledge	2	3	5

Table 2.6: May 2010 - Registration of Requests for Access Arrangements by Presenting Condition

Condition	Candidates
ADHD/ADD	2
Anxiety	3
Cerebral palsy	2
Colour blindness	1
Diabetic	1
Epilepsy	1
Hearing impairment	4
Learning diff	1
Medical	2
Mobility difficulties	1
OCD	1
Others	1
Pregnant	1
Stammer	1
Visual impairment	4
Wheelchair user	2
SpLD/Dyslexia	12
Total	40

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 – 2010 Registrations of Requests for Access Arrangements by Subject

Subject	Advanced	Intermediate
Accounting	6	4
Applied Mathematics	0	1
Biology	10	5
Chemistry	8	1
Computing	2	1
Economics	2	1
Engineering Drawing & Graphical Comm.	-	1
English	5	20
Environmental Science	-	4
French	3	2
Geography	1	2
History	2	1
Home Economics & Human Ecology	2	0
Information Technology	1	3
Italian	3	2
Maltese	5	7
Marketing	4	3
Philosophy	1	11
Physics	4	10
Pure Mathematics	5	7
Religious Knowledge	3	7
Sociology	3	1
Systems of Knowledge	-	30
Total	70	124

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 2010 - Registrations of Matriculation Certificate Candidates by Region and Locality in Malta (Part 1 of 2)

Locality - Malta	Males	Females	Total
Southern Harbour	130	176	306
Birgu	0	1	1
Bormla	3	5	8
Fgura	25	33	58
Floriana	0	2	2
Isla	4	3	7
Kalkara	4	12	16
Luqa	11	13	24
Marsa	5	2	7
Paola	9	13	22
Santa Luċija	10	6	16
Tarxien	21	24	45
Valletta	6	4	10
Xgħajra	1	2	3
Żabbar	31	56	87
Northern Harbour	288	379	667
Birkirkara	39	62	101
Fleur-de-Lys	0	3	3
G`Mangia	5	2	7
Gżira	14	13	27
Hamrun	15	14	29
Ibraġġ	7	6	13
Kappara	5	12	17
Msida	8	22	30
Pembroke	24	23	47
Pieta'	4	11	15
Qormi	34	42	76
San Ġiljan	27	22	49
San Ġwann	39	50	89
Santa Venera	7	20	27
Sliema	34	39	73
St Andrews	0	1	1
Swatar	3	1	4
Swieqi	21	33	54
Ta'Xbiex	2	3	5

Table 2.8: May 2010 - Registrations of Matriculation Certificate Candidates by Region and Locality in Malta (Part 2 of 2)

South Eastern	139	207	346
Birżebbuġa	19	27	46
Għaxaq	13	17	30
Gudja	7	14	21
Kirkop	5	10	15
Marsascula	28	40	68
Marsaxlokk	4	12	16
Mqabba	7	12	19
Qrendi	2	12	14
Safi	5	11	16
Żejtun	22	26	48
Żurrieq	27	26	53
Western	173	225	398
Attard	50	68	118
Baħrija	0	5	5
Balzan	11	21	32
Dingli	12	21	33
Iklin	10	15	25
Lija	6	10	16
Mdina	1	2	3
Mtarfa	4	6	10
Rabat	20	30	50
Sigġiewi	26	25	51
Żebbuġ	33	22	55
Northern	182	266	448
Baħar iċ-Ċaġħaq	2	3	5
Buġibba	5	6	11
Burmarrad	0	4	4
Għargħur	6	7	13
Madliena	3	4	7
Manikata	2	3	5
Mellieħa	19	31	50
Mġarr	11	17	28
Mosta	74	86	160
Mrieħel	1	0	1
Naxxar	27	55	82
Qawra	12	11	23
San Pawl il-Baħar	14	20	34
San Pawl tat-Tarġa	5	13	18
Xemxija	1	6	7
Total	912	1253	2165

Table 2.9: May 2010- Registrations of Matriculation Certificate Candidates by Locality in Gozo

Locality - Gozo	Males	Females	Total
Fontana	3	3	6
Għajnsielem	9	17	26
Għarb	0	4	4
Għasri	1	1	2
Kerċem	2	3	5
Marsalforn	4	1	5
Munxar	4	4	8
Nadur	18	15	33
Qala	6	5	11
San Lawrenz	1	4	5
Sannat	4	10	14
Santa Lucija	1	2	3
Victoria	26	29	55
Xagħra	21	22	43
Xewkija	4	15	19
Żebbuġ	6	4	10
Total	110	139	249

Table 2.10 below shows the numbers of candidates who registered for a Revision of Papers after the May 2010 results were issued.

Table 2.10: May 2010 - Registrations for Revision of Papers*

Subject	Advanced			Intermediate		
	Reg.	Requests	%	Reg.	Requests	%
Accounting	622	31	5.0	145	4	2.8
Applied Mathematics	-	-	-	84	2	2.4
Art	115	15	13.0	46	2	4.3
Biology	692	37	5.3	249	3	1.2
Chemistry	525	103	19.6	71	-	-
Computing	232	16	6.9	134	4	3.0
Economics	154	8	5.2	81	3	3.7
Engineering Drawing & Graphical Comm.	-	-	-	98	5	5.1
English	547	45	8.2	1624	101	6.2
Environmental Science	-	-	-	497	5	1.0
French	118	2	1.7	122	3	2.5
Geography	-	-	-	142	8	5.6
History	139	7	5.0	66	2	3.0
Home Economics & Human Ecology	115	3	2.6	-	-	-
Information Technology	118	1	0.8	299	2	0.7
Italian	256	17	6.6	207	6	2.4
Maltese	465	10	2.2	626	27	4.3
Marketing	412	8	1.9	279	6	2.2
Music	-	-	-	7	1	14.3
Philosophy	198	7	3.5	756	32	4.2
Physics	467	27	5.8	799	25	3.1
Pure Mathematics	655	41	6.3	590	16	2.7
Religious Knowledge	161	4	2.5	457	22	4.8
Sociology	292	8	2.7	383	15	3.9
Systems of Knowledge	-	-	-	2425	77	3.2
Total	6283	390	6.2	9046	371	4.1

*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 (6.2% and 4.1% respectively). Data relating to the outcome of these requests are presented in the following section.

SECTION 3.0: MAY 2010 RESULTS

The following tables present the May 2010 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, the only significant gender difference in performance was in Biology ($\chi^2 = 19.648$, $p < 0.001$) and it was favour of males. At Intermediate level, there were significant gender differences in favour of females in English ($\chi^2 = 15.697$, $p < 0.01$), Physics ($\chi^2 = 18.145$, $p < 0.01$), Religious Knowledge ($\chi^2 = 14.535$, $p < 0.05$), Sociology ($\chi^2 = 13.142$, $p < 0.05$) and Systems of Knowledge ($\chi^2 = 27.182$, $p < 0.001$).

The overall results are followed by the Advanced and Intermediate level results of the candidates sitting for the Matriculation Certification in May 2010 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 2010 - Advanced Level Results by Subject and Gender:
All Candidates (Part 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	19	79	161	68	72	153	70	622
Females	13	54	99	40	47	100	45	398
Males	6	25	62	28	25	53	25	224
Applied Mathematics	0	0	3	0	4	1	1	9
Females	0	0	0	0	2	0	0	2
Males	0	0	3	0	2	1	1	7
Art	3	10	33	21	15	24	9	115
Females	2	6	25	18	8	16	6	81
Males	1	4	8	3	7	8	3	34
Arabic	0	0	0	0	1	0	0	1
Females	0	0	0	0	1	0	0	1
Males	0	0	0	0	0	0	0	0
Biology	84	170	153	111	84	64	26	692
Females	56	97	93	74	59	56	12	447
Males	28	73	60	37	25	8	14	245
Chemistry	50	77	148	55	72	106	17	525
Females	30	49	87	36	42	63	8	315
Males	20	28	61	19	30	43	9	210
Computing	20	42	66	43	28	29	4	232
Females	7	10	19	14	12	8	3	73
Males	13	32	47	29	16	21	1	159
Economics	11	28	46	24	17	17	11	154
Females	3	11	29	14	12	8	7	84
Males	8	17	17	10	5	9	4	70
Engineering Drawing	0	0	1	0	0	0	2	3
Females	0	0	0	0	0	0	0	0
Males	0	0	1	0	0	0	2	3
English	12	31	167	138	49	100	50	547
Females	10	19	122	107	40	76	31	405
Males	2	12	45	31	9	24	19	142
French	6	17	36	25	18	12	4	118
Females	6	14	26	21	13	12	1	93
Males	0	3	10	4	5	0	3	25
Geography	6	9	19	9	7	6	0	56
Females	5	3	11	5	3	1	0	28
Males	1	6	8	4	4	5	0	28
German	5	6	2	6	3	3	2	27
Females	5	4	2	3	2	0	1	17
Males	0	2	0	3	1	3	1	10
Graphical Communication	1	4	7	5	1	2	1	21
Females	0	2	3	1	1	0	0	7
Males	1	2	4	4	0	2	1	14
Greek	0	0	0	0	0	1	0	1
Females	0	0	0	0	0	1	0	1
Males	0	0	0	0	0	0	0	0

**Table 3.1: May 2010 - Advanced Level Results by Subject and Gender:
All Candidates (Part 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
History	2	15	44	27	14	19	18	139
Females	2	6	29	16	5	11	7	76
Males	0	9	15	11	9	8	11	63
Home Economics & Human Ecology	10	22	44	18	11	8	2	115
Females	10	21	41	17	8	7	2	106
Males	0	1	3	1	3	1	0	9
Information Technology	12	27	33	20	17	8	1	118
Females	3	15	15	6	7	3	0	49
Males	9	12	18	14	10	5	1	69
Italian	22	39	69	35	28	53	10	256
Females	12	31	45	19	16	40	8	171
Males	10	8	24	16	12	13	2	85
Maltese	29	87	192	47	57	25	28	465
Females	22	54	150	33	43	20	19	341
Males	7	33	42	14	14	5	9	124
Marketing	25	71	148	46	42	31	49	412
Females	16	50	92	30	24	17	27	256
Males	9	21	56	16	18	14	22	156
Music	4	3	7	0	0	0	1	15
Females	3	2	4	0	0	0	1	10
Males	1	1	3	0	0	0	0	5
Philosophy	5	39	63	17	14	39	21	198
Females	4	23	42	12	6	25	12	124
Males	1	16	21	5	8	14	9	74
Physics	27	63	117	110	51	74	25	467
Females	6	22	36	51	18	25	9	167
Males	21	41	81	59	33	49	16	300
Pure Maths	31	83	134	49	84	233	41	655
Females	9	28	43	19	27	76	14	216
Males	22	55	91	30	57	157	27	439
Religious Knowledge	12	29	47	17	12	21	23	161
Females	8	18	32	13	9	13	6	99
Males	4	11	15	4	3	8	17	62
Russian	5	3	3	1	1	0	1	14
Females	4	2	2	1	0	0	0	9
Males	1	1	1	0	1	0	1	5
Sociology	11	28	66	75	36	55	21	292
Females	6	23	54	61	24	37	14	219
Males	5	5	12	14	12	18	7	73
Spanish	11	14	10	1	3	2	2	43
Females	9	13	9	1	2	2	2	38
Males	2	1	1	0	1	0	0	5

**Table 3.2: May 2010 - Intermediate Level Results by Subject and Gender:
All Candidates (Part 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	17	26	31	27	23	17	4	145
Females	7	12	13	16	11	9	1	69
Males	10	14	18	11	12	8	3	76
Applied Mathematics	11	12	15	12	9	23	2	84
Females	2	5	6	6	2	6	1	28
Males	9	7	9	6	7	17	1	56
Arabic	0	0	0	0	0	2	0	2
Females	0	0	0	0	0	2	0	2
Males	0	0	0	0	0	0	0	0
Art	3	7	18	7	3	6	2	46
Females	2	5	13	6	2	3	2	33
Males	1	2	5	1	1	3	0	13
Biology	19	55	67	46	27	22	13	249
Females	17	50	54	36	22	17	10	206
Males	2	5	13	10	5	5	3	43
Chemistry	5	8	21	6	7	13	11	71
Females	4	4	13	3	4	10	8	46
Males	1	4	8	3	3	3	3	25
Computing	6	23	43	30	18	13	1	134
Females	1	11	13	6	7	2	0	40
Males	5	12	30	24	11	11	1	94
Economics	3	13	23	21	9	11	1	81
Females	1	7	14	14	3	8	0	47
Males	2	6	9	7	6	3	1	34
Engineering Drawing & Graphical Comm.	1	13	18	13	16	24	13	98
Females	0	2	4	3	6	9	5	29
Males	1	11	14	10	10	15	8	69
English	91	214	390	275	249	383	22	1624
Females	64	129	195	158	129	218	9	902
Males	27	85	195	117	120	165	13	722
Environmental Science	25	39	153	68	111	80	21	497
Females	17	24	106	42	76	57	10	332
Males	8	15	47	26	35	23	11	165
French	9	19	20	33	25	16	0	122
Females	7	15	13	21	18	10	0	84
Males	2	4	7	12	7	6	0	38
Geography	7	25	33	27	18	23	9	142
Females	1	10	12	8	4	15	4	54
Males	6	15	21	19	14	8	5	88
German	9	7	3	3	0	1	1	24
Females	4	5	1	2	0	1	1	14
Males	5	2	2	1	0	0	0	10
History	2	12	19	9	6	12	6	66
Females	1	6	4	7	6	9	2	35
Males	1	6	15	2	0	3	4	31
Home Economics & Human Ecology	10	10	16	13	6	2	2	59
Females	10	7	16	13	4	1	2	53
Males	0	3	0	0	2	1	0	6

**Table 3.2: May 2010 - Intermediate Level Results by Subject and Gender:
All Candidates (Part 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Information Technology	35	72	97	39	32	21	3	299
Females	16	49	50	20	16	10	1	162
Males	19	23	47	19	16	11	2	137
Italian	13	36	76	29	27	24	2	207
Females	8	13	41	13	15	13	1	104
Males	5	23	35	16	12	11	1	103
Maltese	35	78	198	169	54	83	9	626
Females	20	58	127	103	33	53	5	399
Males	15	20	71	66	21	30	4	227
Marketing	29	53	84	41	37	25	10	279
Females	21	36	42	18	18	15	4	154
Males	8	17	42	23	19	10	6	125
Music	0	2	2	0	1	2	0	7
Females	0	1	1	0	1	2	0	5
Males	0	1	1	0	0	0	0	2
Philosophy	70	99	222	98	87	168	12	756
Females	40	64	131	54	61	95	4	449
Males	30	35	91	44	26	73	8	307
Physics	49	107	269	114	86	148	26	799
Females	25	53	127	58	58	96	14	431
Males	24	54	142	56	28	52	12	368
Pure Mathematics	18	29	86	98	137	201	21	590
Females	7	16	61	63	87	119	8	361
Males	11	13	25	35	50	82	13	229
Religious Knowledge	14	67	134	114	67	48	13	457
Females	13	41	83	58	34	23	7	259
Males	1	26	51	56	33	25	6	198
Russian	0	1	0	0	0	0	0	1
Females	0	1	0	0	0	0	0	1
Males	0	0	0	0	0	0	0	0
Sociology	8	27	74	109	61	93	11	383
Females	4	24	62	72	40	59	6	267
Males	4	3	12	37	21	34	5	116
Spanish	4	2	5	1	3	1	0	16
Females	3	2	4	1	2	1	0	13
Males	1	0	1	0	1	0	0	3
Systems of Knowledge	53	357	851	437	291	430	6	2425
Females	36	227	506	267	149	211	3	1399
Males	17	130	345	170	142	219	3	1026

**Table 3.3: May 2010 - Advanced Level Results by Subject and Gender:
Matriculation Certificate (Part 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	18	70	125	46	35	49	4	347
Females	13	48	71	26	20	20	0	198
Males	5	22	54	20	15	29	4	149
Applied Mathematics	0	0	2	0	4	0	1	7
Females	0	0	0	0	2	0	0	2
Males	0	0	2	0	2	0	1	5
Art	1	6	21	13	9	12	0	62
Females	0	4	19	10	4	8	0	45
Males	1	2	2	3	5	4	0	17
Biology	73	137	133	96	75	53	14	581
Females	48	77	77	64	52	46	8	372
Males	25	60	56	32	23	7	6	209
Chemistry	40	53	122	47	64	94	9	429
Females	23	32	69	31	35	58	6	254
Males	17	21	53	16	29	36	3	175
Computing	19	40	59	38	21	20	1	198
Females	7	10	17	12	7	6	0	59
Males	12	30	42	26	14	14	1	139
Economics	11	25	43	20	15	10	1	125
Females	3	10	27	12	10	4	0	66
Males	8	15	16	8	5	6	1	59
English	9	27	125	105	38	55	6	365
Females	8	16	95	79	30	41	2	271
Males	1	11	30	26	8	14	4	94
French	4	15	32	20	16	3	3	93
Females	4	12	23	17	12	3	0	71
Males	0	3	9	3	4	0	3	22
Geography	4	8	17	8	4	3	0	44
Females	4	3	10	5	1	0	0	23
Males	0	5	7	3	3	3	0	21
German	3	4	2	3	0	1	0	13
Females	3	3	2	2	0	0	0	10
Males	0	1	0	1	0	1	0	3
Graphical Communication	1	4	4	4	1	1	0	15
Females	0	2	2	0	1	0	0	5
Males	1	2	2	4	0	1	0	10

**Table 3.3: May 2010 - Advanced Level Results by Subject and Gender:
Matriculation Certificate (Part 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
History	2	15	39	21	11	13	3	104
Females	2	6	26	13	5	8	1	61
Males	0	9	13	8	6	5	2	43
Home Economics & Human Ecology	10	22	39	16	9	7	0	103
Females	10	21	36	15	7	6	0	95
Males	0	1	3	1	2	1	0	8
Information Technology	10	25	28	18	16	7	0	104
Females	3	14	13	4	7	3	0	44
Males	7	11	15	14	9	4	0	60
Italian	16	32	56	26	24	28	0	182
Females	10	25	36	15	13	20	0	119
Males	6	7	20	11	11	8	0	63
Maltese	27	79	159	31	37	10	6	349
Females	22	51	124	21	28	9	3	258
Males	5	28	35	10	9	1	3	91
Marketing	15	63	120	21	14	5	6	244
Females	11	42	75	11	6	1	5	151
Males	4	21	45	10	8	4	1	93
Music	3	3	4	0	0	0	0	10
Females	2	2	3	0	0	0	0	7
Males	1	1	1	0	0	0	0	3
Philosophy	5	36	54	13	11	27	5	151
Females	4	22	35	9	5	20	4	99
Males	1	14	19	4	6	7	1	52
Physics	26	59	105	102	50	67	8	417
Females	6	21	32	47	18	24	2	150
Males	20	38	73	55	32	43	6	267
Pure Mathematics	31	75	125	40	74	217	14	576
Females	9	28	42	14	22	72	4	191
Males	22	47	83	26	52	145	10	385
Religious Knowledge	4	13	26	7	2	6	3	61
Females	4	8	16	6	0	4	0	38
Males	0	5	10	1	2	2	3	23
Sociology	11	27	52	66	28	26	8	218
Females	6	23	46	54	18	17	4	168
Males	5	4	6	12	10	9	4	50
Spanish	4	11	9	1	3	2	0	30
Females	4	10	8	1	2	2	0	27
Males	0	1	1	0	1	0	0	3

**Table 3.4: May 2010 - Intermediate Level Results by Subject and Gender:
Matriculation Certificate (Part 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	17	25	31	25	23	16	3	140
Females	7	12	13	15	11	9	0	67
Males	10	13	18	10	12	7	3	73
Arabic	0	0	0	0	0	1	0	1
Females	0	0	0	0	0	1	0	1
Males	0	0	0	0	0	0	0	0
Applied Mathematics	9	12	15	12	9	21	1	79
Females	2	5	6	6	2	5	1	27
Males	7	7	9	6	7	16	0	52
Art	3	7	17	6	3	6	2	44
Females	2	5	12	5	2	3	2	31
Males	1	2	5	1	1	3	0	13
Biology	19	53	60	43	24	18	8	225
Females	17	48	48	34	20	14	6	187
Males	2	5	12	9	4	4	2	38
Chemistry	3	6	17	5	7	13	4	55
Females	2	3	11	3	4	10	2	35
Males	1	3	6	2	3	3	2	20
Computing	6	23	43	29	18	13	0	132
Females	1	11	13	5	7	2	0	39
Males	5	12	30	24	11	11	0	93
Economics	3	13	23	19	8	8	1	75
Females	1	7	14	14	3	6	0	45
Males	2	6	9	5	5	2	1	30
Engineering Drawing & Graphical Comm.	1	13	17	13	16	22	7	89
Females	0	2	4	3	6	7	3	25
Males	1	11	13	10	10	15	4	64
English	82	200	369	260	228	303	14	1456
Females	56	118	179	148	116	168	4	789
Males	26	82	190	112	112	135	10	667
Environmental Science	25	38	145	61	106	74	18	467
Females	17	24	101	37	71	53	8	311
Males	8	14	44	24	35	21	10	156
French	7	17	20	32	23	12	0	111
Females	6	13	13	20	17	7	0	76
Males	1	4	7	12	6	5	0	35
Geography	7	23	30	26	18	23	8	135
Females	1	8	11	7	4	15	3	49
Males	6	15	19	19	14	8	5	86
German	6	5	3	3	0	1	0	18
Females	2	4	1	2	0	1	0	10
Males	4	1	2	1	0	0	0	8

**Table 3.4: May 2010 - Intermediate Level Results by Subject and Gender:
Matriculation Certificate (Part 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
History	2	12	19	9	6	9	6	63
Females	1	6	4	7	6	7	2	33
Males	1	6	15	2	0	2	4	30
Home Economics & Human Ecology	9	10	16	12	5	1	1	54
Females	9	7	16	12	4	1	1	50
Males	0	3	0	0	1	0	0	4
Information Technology	34	72	95	38	31	20	2	292
Females	16	49	48	19	15	9	0	156
Males	18	23	47	19	16	11	2	136
Italian	12	35	76	27	23	21	1	195
Females	7	13	41	12	13	12	0	98
Males	5	22	35	15	10	9	1	97
Maltese	29	71	181	159	52	78	4	574
Females	15	55	115	95	33	51	2	366
Males	14	16	66	64	19	27	2	208
Marketing	28	52	82	39	36	24	10	271
Females	21	35	40	18	17	15	4	150
Males	7	17	42	21	19	9	6	121
Music	0	2	2	0	1	2	0	7
Females	0	1	1	0	1	2	0	5
Males	0	1	1	0	0	0	0	2
Philosophy	64	95	212	92	84	162	11	720
Females	36	62	126	50	58	90	3	425
Males	28	33	86	42	26	72	8	295
Physics	43	92	243	110	83	136	16	723
Females	24	43	111	55	55	89	7	384
Males	19	49	132	55	28	47	9	339
Pure Mathematics	17	26	77	87	120	168	11	506
Females	7	15	54	56	73	99	3	307
Males	10	11	23	31	47	69	8	199
Religious Knowledge	13	66	125	111	65	40	7	427
Females	12	41	77	55	33	19	3	240
Males	1	25	48	56	32	21	4	187
Sociology	8	27	73	106	58	87	9	368
Females	4	24	61	71	39	54	5	258
Males	4	3	12	35	19	33	4	110
Spanish	4	2	5	1	2	1	0	15
Females	3	2	4	1	1	1	0	12
Males	1	0	1	0	1	0	0	3
Systems of Knowledge	53	357	850	435	290	423	6	2414
Females	36	227	505	265	148	208	3	1392
Males	17	130	345	170	142	215	3	1022

**Table 3.5: May 2010 - Advanced Level Results by Subject and Gender:
Single Subjects (Part 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	1	7	36	21	37	104	66	272
Females	0	6	28	14	27	80	45	200
Males	1	1	8	7	10	24	21	72
Applied Mathematics	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
Arabic	0	0	0	0	1	0	0	1
Females	0	0	0	0	1	0	0	1
Males	0	0	0	0	0	0	0	0
Art	2	4	12	8	5	11	9	51
Females	2	2	6	8	3	7	6	34
Males	0	2	6	0	2	4	3	17
Biology	11	32	16	7	5	9	11	91
Females	8	20	13	4	4	8	4	61
Males	3	12	3	3	1	1	7	30
Chemistry	10	24	24	5	7	7	8	85
Females	7	17	16	3	6	4	2	55
Males	3	7	8	2	1	3	6	30
Computing	1	2	7	5	7	9	3	34
Females	0	0	2	2	5	2	3	14
Males	1	2	5	3	2	7	0	20
Economics	0	2	2	3	2	7	10	26
Females	0	1	2	2	2	4	7	18
Males	0	1	0	1	0	3	3	8
Engineering Drawing	0	0	1	0	0	0	2	3
Females	0	0	0	0	0	0	0	0
Males	0	0	1	0	0	0	2	3
English	3	4	40	30	10	45	44	176
Females	2	3	25	25	9	35	29	128
Males	1	1	15	5	1	10	15	48
French	1	2	3	5	1	8	1	21
Females	1	2	3	4	0	8	1	19
Males	0	0	0	1	1	0	0	2
Geography	2	1	2	1	3	3	0	12
Females	1	0	1	0	2	1	0	5
Males	1	1	1	1	1	2	0	7
German	2	2	0	2	3	2	2	13
Females	2	1	0	0	2	0	1	6
Males	0	1	0	2	1	2	1	7
Graphical Communication	0	0	3	1	0	1	1	6
Females	0	0	1	1	0	0	0	2
Males	0	0	2	0	0	1	1	4

**Table 3.5: May 2010- Advanced Level Results by Subject and Gender:
Single Subjects (Part 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Greek	0	0	0	0	0	1	0	1
Females	0	0	0	0	0	1	0	1
Males	0	0	0	0	0	0	0	0
History	0	0	3	6	3	6	15	33
Females	0	0	2	3	0	3	6	14
Males	0	0	1	3	3	3	9	19
Home Economics & Human Ecology	0	0	5	2	2	1	2	12
Females	0	0	5	2	1	1	2	11
Males	0	0	0	0	1	0	0	1
Information Technology	2	2	5	2	1	1	1	14
Females	0	1	2	2	0	0	0	5
Males	2	1	3	0	1	1	1	9
Italian	6	7	11	9	4	25	9	71
Females	2	6	7	4	3	20	7	49
Males	4	1	4	5	1	5	2	22
Maltese	2	8	32	15	19	14	21	111
Females	0	3	25	11	14	11	15	79
Males	2	5	7	4	5	3	6	32
Marketing	9	7	27	24	28	26	43	164
Females	4	7	17	19	18	16	22	103
Males	5	0	10	5	10	10	21	61
Music	1	0	3	0	0	0	1	5
Females	1	0	1	0	0	0	1	3
Males	0	0	2	0	0	0	0	2
Philosophy	0	3	9	4	3	11	16	46
Females	0	1	7	3	1	4	8	24
Males	0	2	2	1	2	7	8	22
Physics	1	4	7	5	1	7	13	38
Females	0	1	2	2	0	1	5	11
Males	1	3	5	3	1	6	8	27
Pure Mathematics	0	7	8	6	7	14	24	66
Females	0	0	1	3	3	4	9	20
Males	0	7	7	3	4	10	15	46
Religious Knowledge	8	16	21	10	10	15	20	100
Females	4	10	16	7	9	9	6	61
Males	4	6	5	3	1	6	14	39
Russian	5	3	3	1	1	0	1	14
Females	4	2	2	1	0	0	0	9
Males	1	1	1	0	1	0	1	5
Sociology	0	1	13	5	8	28	13	68
Females	0	0	7	4	6	19	10	46
Males	0	1	6	1	2	9	3	22
Spanish	7	3	1	0	0	0	2	13
Females	5	3	1	0	0	0	2	11
Males	2	0	0	0	0	0	0	2

**Table 3.6: May 2010 - Intermediate Level Results by Subject and Gender:
Single Subjects (Part 1 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
Accounting	0	1	0	2	0	1	1	5
Females	0	0	0	1	0	0	1	2
Males	0	1	0	1	0	1	0	3
Applied Mathematics	2	0	0	0	0	2	1	5
Females	0	0	0	0	0	1	0	1
Males	2	0	0	0	0	1	1	4
Arabic	0	0	0	0	0	1	0	1
Females	0	0	0	0	0	1	0	1
Males	0	0	0	0	0	0	0	0
Art	0	0	1	1	0	0	0	2
Females	0	0	1	1	0	0	0	2
Males	0	0	0	0	0	0	0	0
Biology	0	2	5	0	1	2	5	15
Females	0	2	5	0	0	1	4	12
Males	0	0	0	0	1	1	1	3
Chemistry	2	2	3	1	0	0	7	15
Females	2	1	2	0	0	0	6	11
Males	0	1	1	1	0	0	1	4
Computing	0	0	0	0	0	0	1	1
Females	0	0	0	0	0	0	0	0
Males	0	0	0	0	0	0	1	1
Economics	0	0	0	2	1	3	0	6
Females	0	0	0	0	0	2	0	2
Males	0	0	0	2	1	1	0	4
Engineering Drawing & Graphical Comm.	0	0	0	0	0	2	6	8
Females	0	0	0	0	0	2	2	4
Males	0	0	0	0	0	0	4	4
English	9	13	18	13	17	54	8	132
Females	8	11	14	8	12	37	5	95
Males	1	2	4	5	5	17	3	37
Environmental Science	0	0	3	0	4	4	3	14
Females	0	0	1	0	4	2	2	9
Males	0	0	2	0	0	2	1	5
French	1	2	0	1	2	2	0	8
Females	1	2	0	1	1	1	0	6
Males	0	0	0	0	1	1	0	2
Geography	0	1	3	1	0	0	1	6
Females	0	1	1	1	0	0	1	4
Males	0	0	2	0	0	0	0	2
German	3	2	0	0	0	0	1	6
Females	2	1	0	0	0	0	1	4
Males	1	1	0	0	0	0	0	2

**Table 3.6: May 2010 - Intermediate Level Results by Subject and Gender:
Single Subjects (Part 2 of 2)**

Subjects	A	B	C	D	E	F	Abs	Total
History	0	0	0	0	0	2	0	2
Females	0	0	0	0	0	1	0	1
Males	0	0	0	0	0	1	0	1
Home Economics	0	0	0	1	1	1	1	4
Females	0	0	0	1	0	0	1	2
Males	0	0	0	0	1	1	0	2
Information Technology	1	0	0	1	1	1	0	4
Females	0	0	0	1	1	1	0	3
Males	1	0	0	0	0	0	0	1
Italian	1	0	0	2	4	2	1	10
Females	1	0	0	1	2	1	1	6
Males	0	0	0	1	2	1	0	4
Maltese	5	6	13	9	1	4	5	43
Females	4	3	9	8	0	1	3	28
Males	1	3	4	1	1	3	2	15
Marketing	0	1	1	2	1	1	0	6
Females	0	1	1	0	1	0	0	3
Males	0	0	0	2	0	1	0	3
Philosophy	5	4	9	2	2	5	1	28
Females	4	2	5	1	2	4	1	19
Males	1	2	4	1	0	1	0	9
Physics	6	14	22	4	1	7	9	63
Females	1	10	13	3	1	3	6	37
Males	5	4	9	1	0	4	3	26
Pure Mathematics	1	2	8	9	10	26	10	66
Females	0	0	6	7	8	16	5	42
Males	1	2	2	2	2	10	5	24
Religious Knowledge	1	1	6	2	0	5	6	21
Females	1	0	6	2	0	2	4	15
Males	0	1	0	0	0	3	2	6
Russian	0	1	0	0	0	0	0	1
Females	0	1	0	0	0	0	0	1
Males	0	0	0	0	0	0	0	0
Sociology	0	0	0	2	2	4	2	10
Females	0	0	0	1	1	3	1	6
Males	0	0	0	1	1	1	1	4
Spanish	0	0	0	0	1	0	0	1
Females	0	0	0	0	1	0	0	1
Males	0	0	0	0	0	0	0	0
Systems of Knowledge	0	0	1	0	0	4	0	5
Females	0	0	1	0	0	2	0	3
Males	0	0	0	0	0	2	0	2