AUTOMATION
OF
ADMISSION AND EXAMINATION
SYSTEM FOR
GOVT GORDON COLLEGE
RAWALPINDI

BY

MUHAMMAD MAJID

COMPUTER CENTRE
QUAID_I_AZAM UNIVERSITY
ISLAMABAD

IN THE NAME OF ALLAH

THE MOST BENEFICENT,

THE MOST MERCIFUL.

PROJECT TITLE
AUTOMATION

OF
ADMISSION AND EXAMINATION
SYSTEM FOR

GOVT GORDON COLLEGE
RAWALPINDI

BY

MUHAMMAD MAJID

SUBMITTED TO

COMPUTER CENTRE

QUAID_I_AZAM UNIVERSITY
ISLAMABAD

AS REQUIREMENT FOR COMPLETION
OF PGD IN COMPUTER SCIENCE
SEPTEMBER 2003.

CERTIFICATE

We accept the work contained in this dissertation as conforming to the required standard for the partial fulfillment for the post graduate diploma in computer science.

1. *Dr. GHULAM MUHAMMAD*
   Director
   Computer Centre
   Quaid_I_Azam University
   Islamabad.

   .....

2. *Mr. ABDUL SUBHAN*
   Supervisor
   Computer Centre
   Quaid_I_Azam University
   Islamabad.

   .....

3. *External Examiner*

   .....

ACKNOWLEDGMENT

I am thankful to my supervisor Mr. Abdul Subhan for his guidance and valuable suggestions.

I am also thankful to Dr. Ghulam Muhammad, Mr. Nazim , Mr.Javed Hussain and Mr. Munnawar Tawana for providing the necessary facilities in the department for this project.

I am highly indebted to Brgd (R) Maqsood-ul-Hasan Director F.D.E. Islamabad and Prof. Rafeeq Tahir Director Training F.D.E. for arranging this training programme.

I am highly indebted to my family for their inspiring encouragement during my course.

(MUHAMMAD MAJID)

P.G.D. F.D.E. BATCH.
LANE NO 12,
LALA RUKH COLONY ,
CHAKARY ROAD , RAWALPINDI.
PHONE RESI :5575845.

CONTENTS

1. INTRODUCTION

1.1 INTRODUCTION OF COLLEGE 1
1.2 PROBLEM DEFINATION 1
1.3 OBJECTIVES 2
1.4 LIMITATIONS 2

2. PRESENT SYSTEM

2.1 ADMISSION 3
2.2 ADMISSION IN FIRST YEAR 3
2.3 ADMISSION IN THIRD YEAR 4
2.4 COURSES OF STUDY FOR INTERMEDIATE CLASSES 4
2.5 COURSES OF STUDY FOR B.A./B.Sc. CLASSES 5
2.6 EXAMINATION SYSTEM 6
2.7 DRAWBACKS AND LIMITATIONS OF PRESENT SYSTEM 7

3. PROPOSED SYSTEM

3.1 OBJECTIVES OF THE PROPOSED SYSTEM 8
3.2 SOFTWARE SELECTION 9
3.3 DATA FLOW DIAGRAM 10

4. SYSTEM DESIGN

4.1 LOGICAL DATABASE DESIGN FOR FIRST YEAR ADMISSION 12
4.2 LOGICAL DATABASE DESIGN FOR THIRD YEAR ADMISSION 14
4.3 LOGICAL DATABASE DESIGN FOR EXAMINATION 16
4.4 PHYSICAL DATABASE DESIGN FOR FIRST YEAR ADMISSION 17

DECLARATION

I/We declare that this software, neither as a whole nor as a part has been copied from any other source. It is further declared that I/we have completed my/our final project of Post Graduate Diploma in Computer Sciences/Information Technology successfully as a result of my own struggle and research. No portion of this whole work is presented in this report has been submitted in support of any application for any other degree or qualification of this or any other University or institute of learning. If any part of the project and write up is proved to be copied out or there is any duplication of code then I/we will be responsible for the consequences.

Name of Student(s): Muhammad Majid (FDE)

MFN=6527

PROJECT BRIEF

PROJECT TITLE:

Automation Of College Admission And Examination System.

OBJECTIVES:

To Computerize The Examination And Admission System Of GOVT GORDON COLLEGE Rawalpindi.

UNDERTAKEN BY:

MUHAMMAD MAJID

SUPERVISED BY :

MR. ABDUL SUBHAN
ASST. PROGRAMMER,
COMPUTER CENTRE,
Q.A.U.,
ISLAMABAD

Date of Starting:	5-JULY-2003.
Date of Completion:	25-SEP-2003.
Software Used:	Oracle/Developer 2000
Operating System:	Window 98

4.5 PHYSICAL DATABASE DESIGN FOR THIRD YEAR ADMISSION 24
4.6 PHYSICAL DATABASE DESIGN FOR EXAMINATION 28

5. SOFTWARE DEVELOPMENT AND IMPLEMENTATION
5.1 INTRODUCTION 31
5.2 SYSTEM TESTING 31
5.3 IMPLEMENTATION 32
5.4 PROPOSED METHOD OF CONVERSION 32
5.5 TRAINING OF PERSONAL 32

6. FORMS
7. REPORTS
8. USER GUIDE
9. BIBLIOGRAPHY

CHAPTER NO. 1

INTRODUCTION

1.1: INTRODUCTION OF COLLEGE.

In 1993,Gordon College Rawalpindi completed a memorable and eventful century of its existence. It is indeed one of the most prestigious, historical and oldest educational institutions of the subcontinent.

In 1893 Gordon College headed by E.E Fife as the first principal, was stared to meet the need of higher education of the area. The college started with intermediate classes and for nine years these classes were held in the present Government Christian High School Raja Bazar, Rawalpindi. The college moved in to its present premises in 1902 and in the same year it was raised to a Degree college.

Gordon College has had a distinctive mission since it's founding in 1893, to provide dedicated individuals with a most comprehensive environment for building a wholesome personality through excellence in education.

The college like other private institutions in the country was nationalized in 1972.

1.2: -PROBLEM DEFINATION

The basic purpose of this work is to solve the problems of staff of the Gordon College, which are faced by them during the admission process for first and

third year classes every year.

Secondly preparation of result of different internal examinations is a time consuming job. At present both the examination and admission procedures are handled manually. This study has been conducted keeping in view various problems faced by the students and the college staff because of huge amount of data handling and due to increasing number of candidates for admission to the college every year.

1.3:-OBJECTIVES:

- To study the problems which does college staff face.
- To find out the drawbacks in existing system.
- To propose steps in order to over come the problems and difficulties.
- To design an efficient admission and examination system.

1.4:-LIMITATIONS:

- Admission system will work only for new admission in first and third year.
- Examination system has been designed for handling only internal examinations.

CHAPTER NO. 2

PRESENT SYSTEM

2.1: - ADMISSION:

Admission policy for admission in first year is different from the policy for admission in third year. So both the cases will be discussed separately. However the general rules are as following:

- ✓ Separate forms must be submitted for each combination/category of various seats.
- ✓ Number of seats for different combinations i.e. groups vary every year.
- ✓ Shifting of form from one to an other combination after the declaration of merit is not allowed.
- ✓ The candidates who have passed their last examination prior to the last supplementary exam will not be considered for admission.
- ✓ A receipt of the admission form must be obtained at the time of its submission.

2.2 ADMISSION IN FIRST YEAR:

- ➢ 98% percent seats are reserved for open merit.
- ➢ 02% percent seats are reserved for disabled candidates.
- ➢ Hafiz_e_Quran will be awarded 20 additional marks for admission.
- ➢ No other quota of seats has been reserved.

2.3 ADMISSION IN THIRD YEAR:

- ❖ No additional marks for Hafiz_e_Quran will be awarded.
- ❖ Preference will be given to the candidates who passed the intermediate examination from the Gordon College.
- ❖ 98% percent seats are reserved for open merit.
- ❖ 02% percent seats are reserved for disabled candidates.

2.4 COURSES OF STUDY FOR INTERMEDIATE CLASSES.

Compulsory subjects for all groups are following:

I. English.
II. Urdu.
III. Islamic Studies.
IV. Pak. Studies.

Elective subjects of different groups are as under:

1) PRE_MEDICAL GROUP.
   Physics,Chemistry,Biology.
2) PRE_ENGINEERING GROUP.
   Physics,Chemistry,Mathematics.
3) GENERAL SCIENCE GROUP.
   Statistics,Mathematics,Economics.
4) COMPUTER SCIENCE GROUP.
   Mathematics,Physics,Computer Sc.

5) GENERAL ARTS GROUP.

(Candidate has to choose three elective subjects from three sub groups for F.A.).

ELECTIVE SUB GROUPS FOR F.A.

a) Sub group no 1.
   Psychology, Civics, Persian, Arabic.
b) Sub group no 2.
   History, Stat, Sociology.
c) Sub group no 3.
   Islamiyat, Economics,
   Education, Ph. Education.

2.5 COURSES OF STUDY FOR B.A/B.Sc.:

Compulsory subjects for degree classes.

i. English
ii. Islamic studies
iii. Pak. Studies

Elective subjects of different groups of B.Sc. are as under:

1) Botany, Zoology, Chemistry.
2) Botany, Zoology, Applied Psychology.
3) Math A, Math B,Physics.
4) Math A, Math B,Statistics.
5) General Math,Physics,Chemistry.
6) General Math, Statistics, Economics.

Elective subjects of different groups of B.A are as under:

1) Economics, Pol_Science.
2) Economics, History.
3) Economics, Stat.
4) Pol_Science, History.
5) Stat, App_Psychology.
6) Psychology, Stat.
7) Urdu, Persian.
8) Islamiat, History.
9) Islamiat, Arabic.
10) Journalism,Pol_Science.
11) Journalism, Psychology.

Every B.A. student is required to take one of the following optional subjects as well.

i. URDU
ii. ISLAMIAT
iii. ARABIC
iv. G.PSYCHOLOGY
v. APP.PSYCHOLOGY
vi. PERSIAN

2.6 EXAMINATION SYSTEM :

- Examination section arranges two major exams every year (December test and Annual examination).

- Only 3rd year class appears in internal annual examination.
- Present principal of Gordon College Prof.Muhammad Saleem Chaudhri intends to hold monthly test of 20 marks for each subject in future.
- Total marks of different subjects vary for different internal examinations.
- Pass marks are 33%.

2.7 DRAW BACKS AND LIMITATIONS OF PRESENT SYSTEM.

- LACK OF ACCURACY.
- SLOW DATA PROCESSING.
- POOR SECRECY.

CHAPTER No: 3

PROPOSED SYSTEM

3.1 OBJECTIVES OF THE PROPOSED SYSTEM.

1) CODES:

Codes will be assigned to reduce the storage and number of typing strokes used to input data. Codes will be easy and small.

2) EFFICIENCY:

Output would be satisfactory and error free. It would be done by some validation checks.

3) SPEED:

The manual system is slow and cumbersome because calculations for each and every thing are done by hand and a minor error in entry may result in a delay of hours. Proposed system will allow user to create delete , modify and retrieve information with greater speed with a touch of button only.

4) USER FRIENDLY:

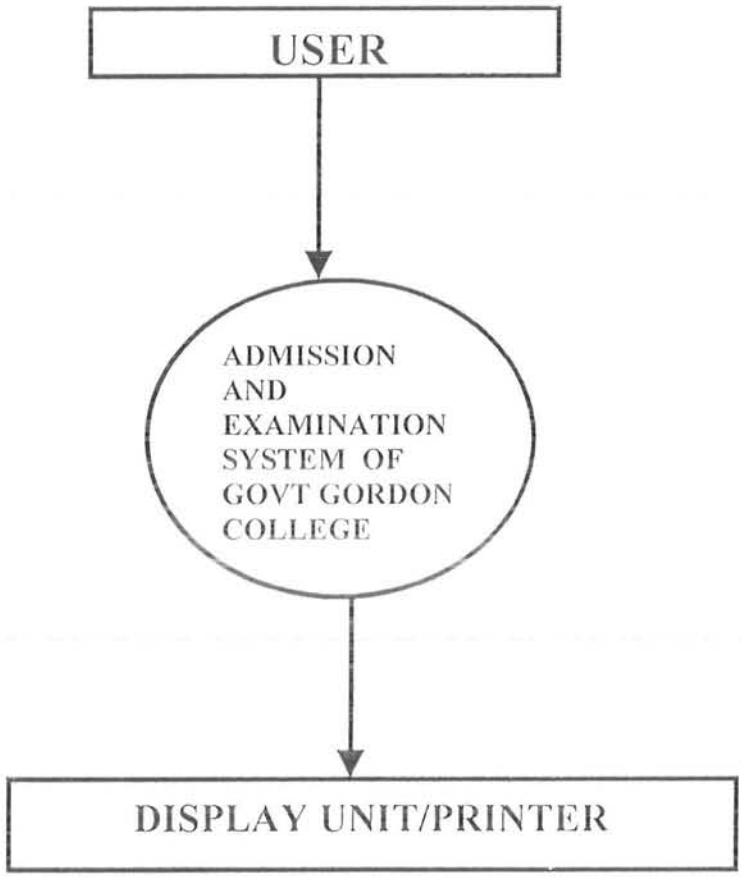
Proposed system is user friendly. It would be menu driven. Data entry and modification process would be in user_ friendly environment.

3.2 SOFT WARE SELECTION:

- ✓ ORACLE 7.3
- ✓ DEVELOPER/2000 –FORM 5
- ✓ WINDOW 98

LOGICAL
DATA FLOW DIAGRAM

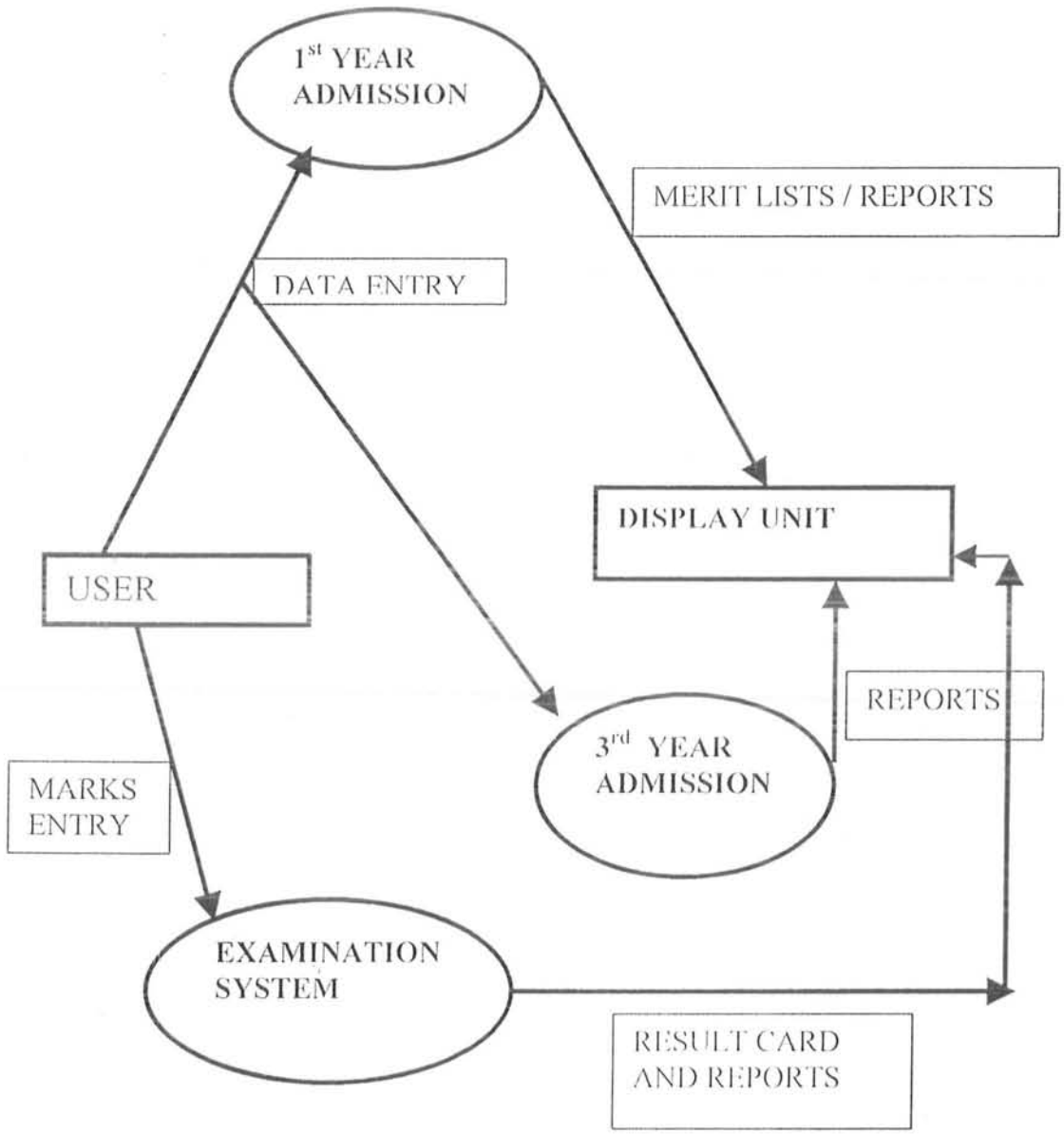
CONTEXT LEVEL:



LOGICAL

DFD

INTERMEDIATE LEVEL

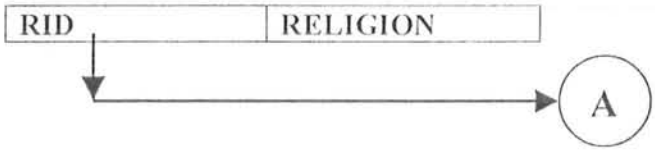


CHAPTER No. 4

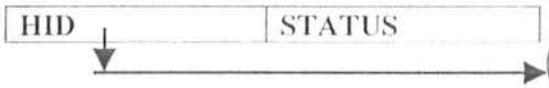
SYSTEM DESIGN

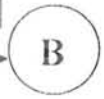
LOGICAL DATA BASE DESIGN FOR FIRST YEAR ADMISSION SYSTEM:

RELIGION

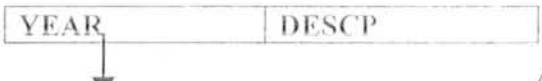


HAFIZ

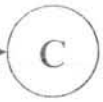


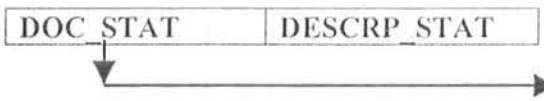


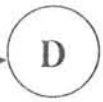
MAT_YEAR



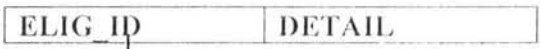
DOCUM_STATUS

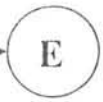




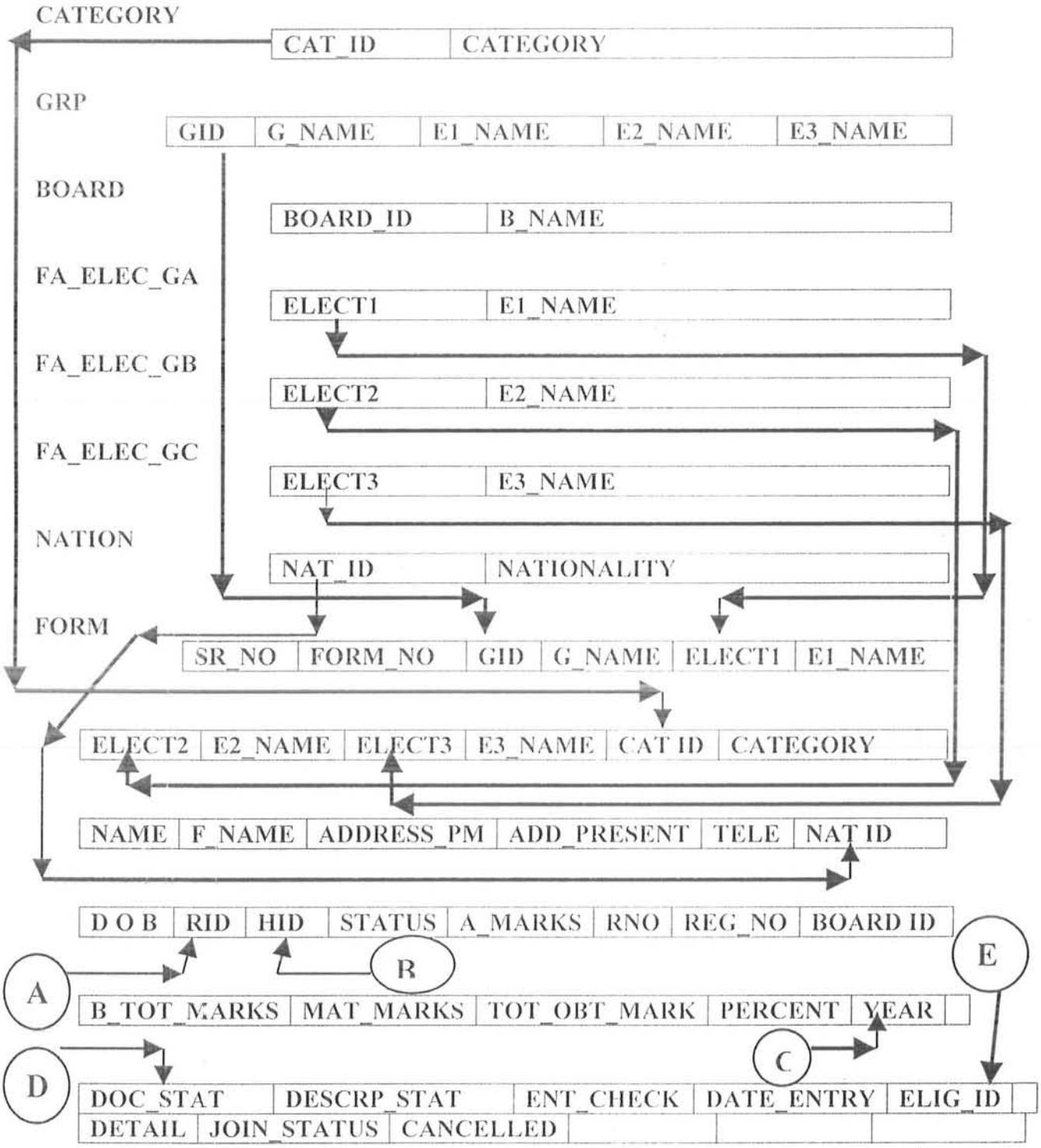


ELIGIBILITY



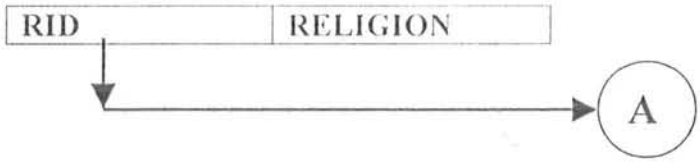


Continue on next page

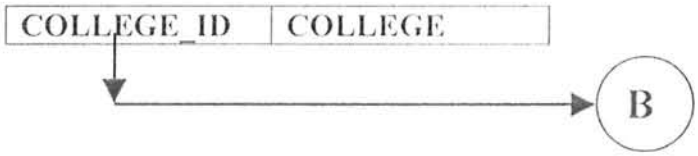

CATEGORY
CAT_ID
CATEGORY
GRP
GID
G_NAME
E1_NAME
E2_NAME
E3_NAME
BOARD
BOARD_ID
B_NAME
FA_ELEC_GA
ELECT1
E1_NAME
FA_ELEC_GB
ELECT2
E2_NAME
FA_ELEC_GC
ELECT3
E3_NAME
NATION
NAT_ID
NATIONALITY
FORM
SR_NO
FORM_NO
GID
G_NAME
ELECT1
E1_NAME
ELECT2
E2_NAME
ELECT3
E3_NAME
CAT ID
CATEGORY
NAME
F_NAME
ADDRESS_PM
ADD_PRESENT
TELE
NAT ID
D O B
RID
HID
STATUS
A_MARKS
RNO
REG_NO
BOARD ID
A
R
E
B_TOT_MARKS
MAT_MARKS
TOT_OBT_MARK
PERCENT
YEAR
C
D
DOC_STAT
DESCRP_STAT
ENT_CHECK
DATE_ENTRY
ELIG_ID
DETAIL
JOIN_STATUS
CANCELLED

LOGICAL DATA BASE DESIGN FOR THIRD YEAR ADMISSION SYSTEM:

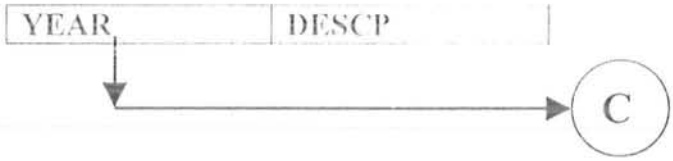
RELIGION



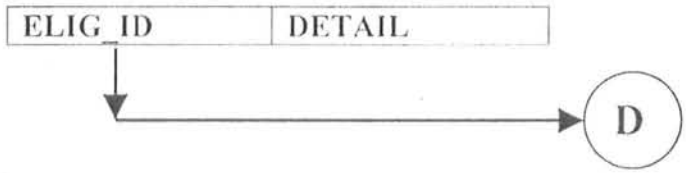
COLLEGE



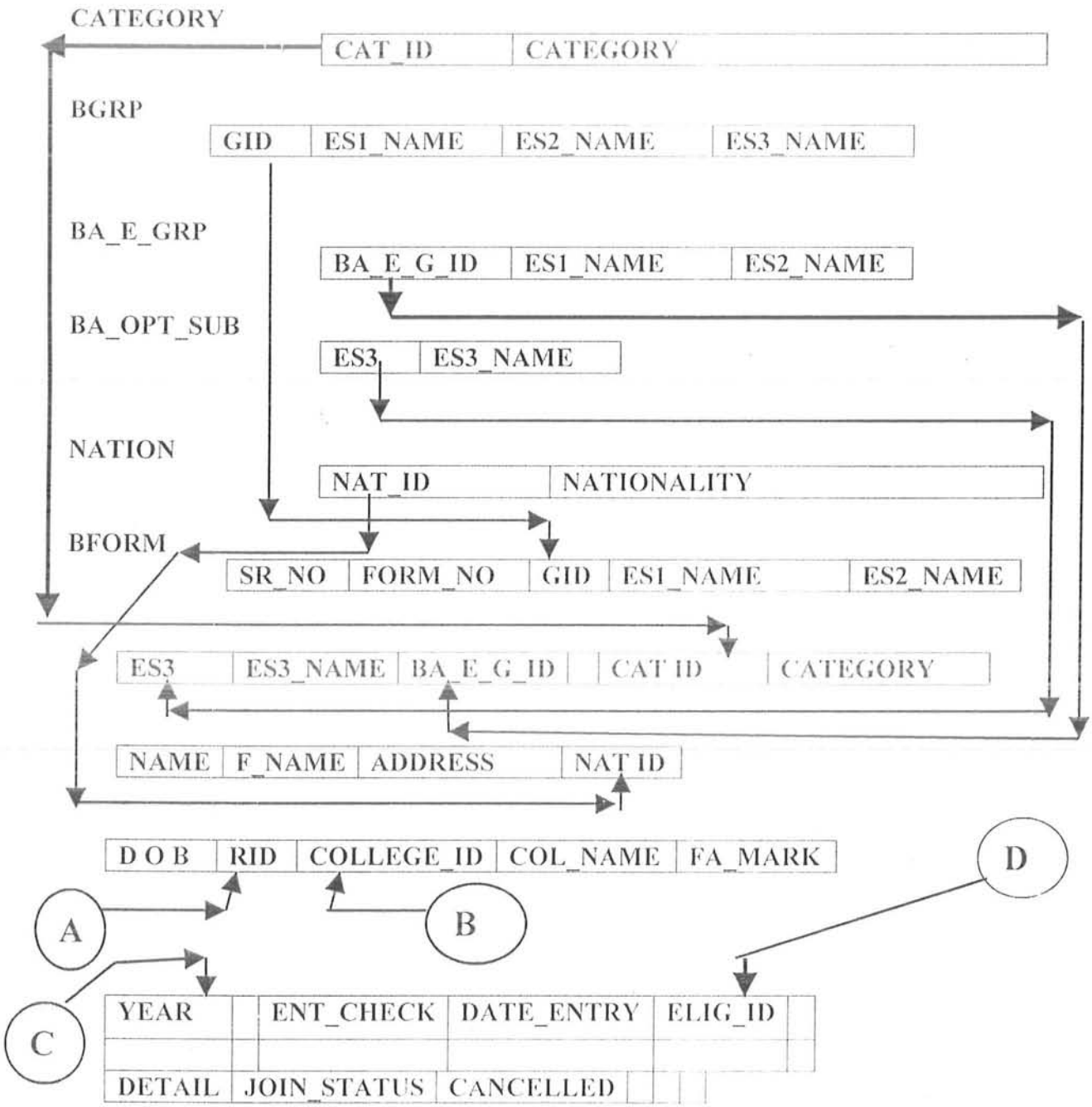
FA_YEAR



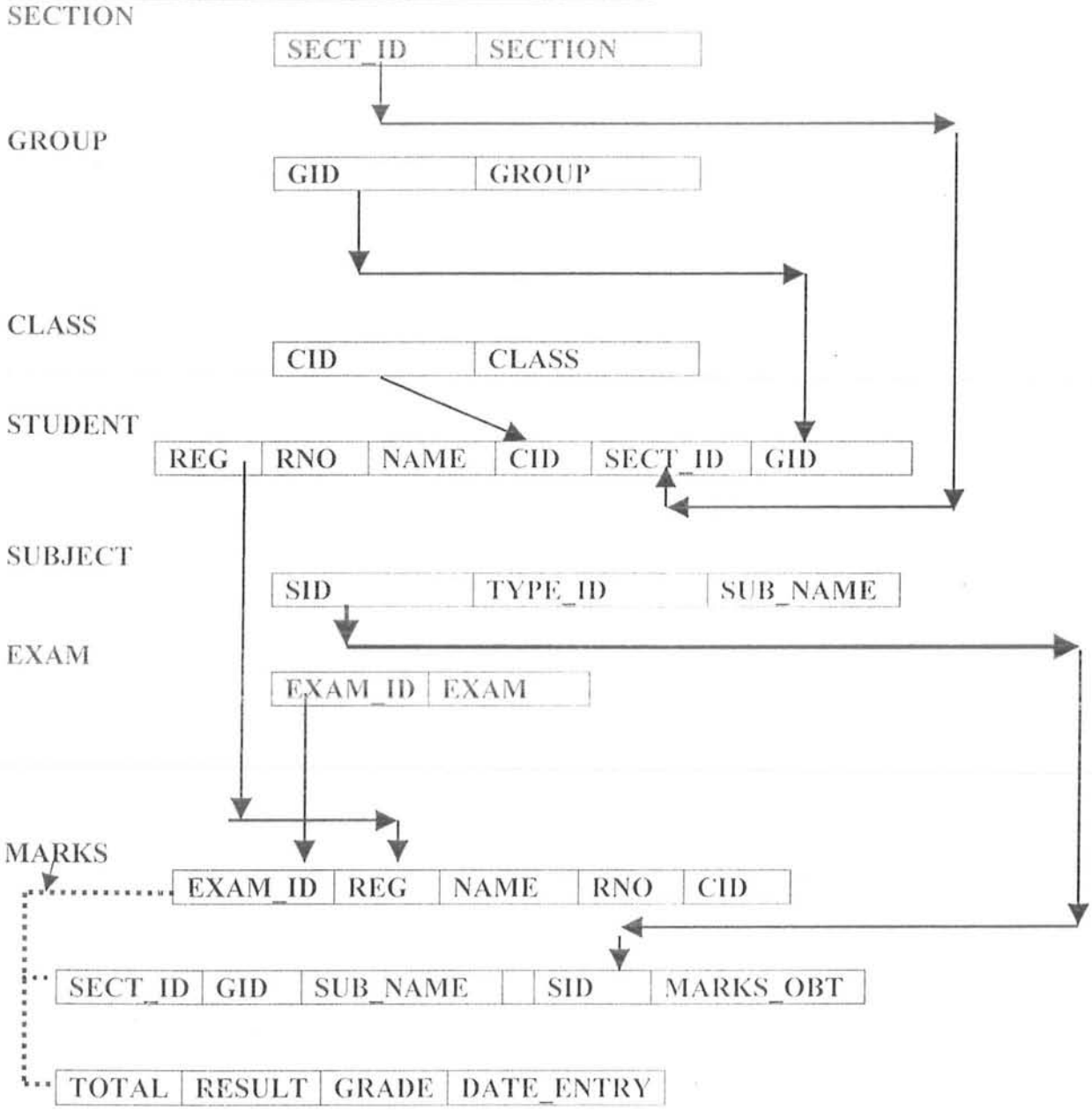
ELIGIBILITY



CONTINUE ON NEXT PAGE


CATEGORY
CAT_ID
CATEGORY
BGRP
GID
ES1_NAME
ES2_NAME
ES3_NAME
BA_E_GRP
BA_E_G_ID
ES1_NAME
ES2_NAME
BA_OPT_SUB
ES3
ES3_NAME
NATION
NAT_ID
NATIONALITY
BFORM
SR_NO
FORM_NO
GID
ES1_NAME
ES2_NAME
ES3
ES3_NAME
BA_E_G_ID
CAT ID
CATEGORY
NAME
F_NAME
ADDRESS
NAT ID
D O B
RID
COLLEGE_ID
COL_NAME
FA_MARK
A
B
C
D
YEAR
ENT_CHECK
DATE_ENTRY
ELIG_ID
DETAIL
JOIN_STATUS
CANCELLED

LOGICAL DATA BASE DESIGN FOR EXAMINATION SYSTEM:



PHYSICAL DATA BASE DESIGN FOR FIRST YEAR ADMISSION SYSTEM:

TABLES DESIGN:-

TABLE No. 1:

TABLE NAME : GRP
PRIMARY KEY: GID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
GID	GROUP CODE	PK	NUMBER
G_NAME	GROUP NAME		CHAR(10)
E1_NAME	ELECTIVE SUBJECT No 1		CHAR(10)
E2_NAME	ELECTIVE SUBJECT No 2		CHAR(10)
E3_NAME	ELECTIVE SUBJECT No 3		CHAR(10)

TABLE No. 2:

TABLE NAME : FA_ELEC_GA
PRIMARY KEY: ELECT1

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
ELECT1	CODE OF ELECTIVE SUBJECT 1	PK	NUMBER
E1_NAME	NAME OF ELECTIVE SUBJECT 1		CHAR(10)

TABLE No. 3:

TABLE NAME : FA_ELEC_GB

PRIMARY KEY: ELECT2

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
ELECT2	CODE OF ELECTIVE SUBJECT 2	PK	NUMBER
E2_NAME	NAME OF ELECTIVE SUBJECT 2		CHAR(10)

TABLE No. 4:

TABLE NAME : FA_ELEC_GC

PRIMARY KEY: ELECT3

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
ELECT3	CODE OF ELECTIVE SUBJECT 3	PK	NUMBER
E3_NAME	NAME OF ELECTIVE SUBJECT 3		CHAR(10)

TABLE No. 5:

TABLE NAME : CATEGORY

PRIMARY KEY: CATID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
CATID	CODE OF CATEGORY	PK	NUMBER
CATEGORY	NAME OF CATEGORY		CHAR(10)

TABLE No. 6:

TABLE NAME : BOARD
PRIMARY KEY: BOARD_ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
BOARD ID	CODE OF SECONDARY BOARDS	PK	NUMBER
B_NAME	NAME OF BOARD		CHAR (10)
B_TOT_MARKS	TOTAL MARKS OF MATRIC		NUMBER

TABLE No. 7:

TABLE NAME : NATION
PRIMARY KEY: NAT ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
NAT ID	CODE OF NATIONALITY	PK	NUMBER
NLTY	NATIONALITY		CHAR(10)

TABLE No. 8:

TABLE NAME : RELIGION
PRIMARY KEY: RID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
RID	CODE OF RELIGION	PK	NUMBER
RELIGION	NAME OF RELIGION		CHAR(10)

TABLE No. 9:

TABLE NAME : HAFIZ

PRIMARY KEY: HID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
HID	CODE OF HEFEEZ	PK	NUMBER
STATUS	STATUS OF HEFEEZ		CHAR (10)
A_MARKS	ADDITIONAL MARKS ALLOWED		NUMBER

TABLE No. 10:

TABLE NAME : MAT_YEAR

PRIMARY KEY: YEAR

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
YEAR	CODE OF YEAR OF PASSING MATRIC	PK	NUMBER
DESCP	DETAIL OF YEAR		CHAR(10)

TABLE No. 11:

TABLE NAME : DOCUM_STATUS

PRIMARY KEY: DOC_STAT

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
DOC_STAT	CODE OF STATUS OF DOCUMENTS	PK	NUMBER
DESCRP_STAT	STATUS OF DOCUMENTS		CHAR(15)

TABLE No. 12:

TABLE NAME : ELIGIBILITY
PRIMARY KEY: ELIG_ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
ELIG_ID	CODE OF ELIGIBILITY	PK	NUMBER
DETAIL	STATUS OF ELIGIBILTY		CHAR (10)

TABLE No. 13:

TABLE NAME : FORM
PRIMARY KEY: SR_NO

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
SR_NO	SR_NO OF ADMISSION FORM ENTERED	PK	NUMBER
FORM_NO	FORM NO OF ADMISSION FORM		NUMBER
GID	CODE OF GROUP	FK	NUMBER
G_NAME	NAME OF GROUP		CHAR (10)
ELECT1	No OF ELECTIVE SUBJECT 1	FK	NUMBER
E1_NAME	NAME OF ELECTIVE SUBJECT 1		CHAR (10)
ELECT2	No OF ELECTIVE SUBJECT 2	FK	NUMBER
E2_NAME	NAME OF ELECTIVE SUBJECT 2		CHAR (10)
ELECT3	No OF ELECTIVE SUBJECT 3	FK	NUMBER
E1_NAME	NAME OF ELECTIVE SUBJECT 3		CHAR (10)

CONTINUE

CONTINUE TABLE N0 13

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
CATID	CODE OF CATEGORY	FK	NUMBER
CATEGORY	CATEGORY		CHAR (10)
NAME	CANDIDATE'S NAME		CHAR (20)
F_NAME	FATHER'S NAME		CHAR (15)
ADDRESS_PERM	PERMANENT ADDRESS		CHAR (30)
ADD_PRESENT	PRESENT ADDRESS		CHAR (30)
TELE	TELE PHONE NO		NUMBER
NATID	CODE OF NATIONALITY	FK	NUMBER
D_O_B	DATE OF BIRTH		DATE
RID	CODE OF RELIGION	FK	NUMBER
HID	CODE OF HEFEEZ	FK	NUMBER
STATUS	HAFEEZ STATUS		CHAR (10)
A_MARKS	ADDITIONAL MARKS OF HEFEEZ		NUMBER
RNO	ROLL NO OF MATRIC		CHAR (10)
REG NO	REGISTRATION NO OF BOARD		CHAR (10)
BOARD ID	CODE OF BOARD	FK	NUMBER
B_TOT_MARKS	TOTAL MARKS OF BOARD		NUMBER
MAT_MARKS	MARKS OBTAINED BY CANDIDATE IN MATRIC		NUMBER
PERCENT	PERCENTAGE OF MARKS OBTAINED INCLUDING HEFEEZ MARKS		

CONTINUE

CONTINUE TABLE N0 13

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
YEAR	CODE OF YEAR OF PASSING MATRIC	FK	NUMBER
DOC_STAT	CODE OF DOCUMENT STATUS	FK	NUMBER
DESCRP_STAT	DETAIL OF DOCUMENT STATUS		CHAR (15)
ENT_CHECK	CODE OF RE_CHECKING ENTRIES		NUMBER
DAT_ENTRY	DATE OF ENTRY OF FORM		DATE
ELIG ID	CODE OF ELIGIBILTY	FK	NUMBER
DETAIL	DETAIL OF ELIGIBILITY		CHAR (10)
JOIN_STATUS	STATUS OF JOINING COLLEGE AFTER ADMISSION		CHAR (1) Y/N
CANCELLED	ADMISSION CANCELLED		CHAR (5)

PHYSICAL DATA BASE DESIGN FOR THIRD YEAR ADMISSION SYSTEM:

TABLES DESIGN:-

TABLE No. 14:

TABLE NAME : BGRP
PRIMARY KEY: GID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
GID	GROUP CODE	PK	NUMBER
ES1_NAME	ELECTIVE SUBJECT No 1		CHAR (15)
ES2_NAME	ELECTIVE SUBJECT No 2		CHAR (15)
ES3_NAME	ELECTIVE SUBJECT No 3		CHAR (15)

TABLE No. 15:

TABLE NAME : BA_E_GRP
PRIMARY KEY: BA_E_G_ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
BA_E_G_ID	CODE OF ELECTIVE GROUP OF B.A.	PK	NUMBER
ES1_NAME	NAME OF ELECTIVE SUBJECT 1		CHAR (15)
ES2_NAME	NAME OF ELECTIVE SUBJECT 2		CHAR (15)

TABLE No. 16:

TABLE NAME : BA_OPT_SUB
PRIMARY KEY: ES3

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
ES3	CODE OF ELECTIVE SUBJECT 3	PK	NUMBER
ES3_NAME	NAME OF ELECTIVE SUBJECT 3		CHAR (15)

TABLE No. 17:

TABLE NAME : COLLEGE
PRIMARY KEY: COLLEGE ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
COLLEGE ID	CODE OF COLLEGE LAST ATTENDED	PK	NUMBER
COL_NAME	NAME OF COLLEGE		CHAR (20)

TABLE No.18:

TABLE NAME : CATEGORY
PRIMARY KEY: CATID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
CATID	CODE OF CATEGORY	PK	NUMBER
CATEGORY	NAME OF CATEGORY		CHAR(10)

TABLE No. 19:

TABLE NAME : FA_YEAR

PRIMARY KEY: YEAR

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
YEAR	CODE OF YEAR OF PASSING F.A	PK	NUMBER
DESCP	DETAIL OF YEAR		CHAR(10)

TABLE No. 20:

TABLE NAME : BFORM

PRIMARY KEY: SR_NO

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
SR_NO	SR_NO OF ADMISSION FORM ENTERED	PK	NUMBER
FORM_NO	NO OF ADMISSION FORM		NUMBER
GID	CODE OF GROUP	FK	NUMBER
G_NAME	NAME OF GROUP		CHAR (10)
ES1_NAME	NAME OF ELECTIVE SUBJECT 1		CHAR (15)
ES2_NAME	NAME OF ELECTIVE SUBJECT 2		CHAR (15)
ES3	No OF ELECTIVE SUBJECT 3	FK	NUMBER
ES3_NAME	NAME OF ELECTIVE SUBJECT 3		CHAR (15)
BA_E_G_ID	CODE OF B.A. ELECTIVE GROUP	FK	NUMBER
CATID	CODE OF CATEGORY	FK	NUMBER

CATEGORY	CATEGORY		CHAR (10)
NAME	CANDIDATE'S NAME		CHAR (20)
F_NAME	FATHER'S NAME		CHAR (20)
ADDRESS	PERMANENT ADDRESS		CHAR (30)
NATID	CODE OF NATIONALITY	FK	NUMBER
D_O_B	DATE OF BIRTH		DATE
RID	CODE OF RELIGION	FK	NUMBER
COLLEGE ID	CODE OF COLLEGE	FK	NUMBER
COL_NAME	NAME OF COLLEGE		CHAR (20)
FA_MARKS	MARKS OBTAINED BY CANDIDATE IN INTERMEDIATE		NUMBER
YEAR	CODE OF YEAR OF PASSING INTERMEDIATE	FK	NUMBER
ENT_CHECK	CODE OF RE_CHECKING ENTRIES		NUMBER
DAT_ENTRY	DATE OF ENTRY OF FORM		DATE
ELIG ID	CODE OF ELIGIBILITY	FK	NUMBER
DETAIL	DETAIL OF ELIGIBILITY		CHAR (10)
JOIN_STATUS	STATUS OF JOINING COLLEGE AFTER ADMISSION		CHAR (1) Y/N
CANCELLED	ADMISSION CANCELLED		CHAR (5)

PHYSICAL DATA BASE DESIGN FOR EXAMINATION SYSTEM:

TABLES DESIGN:-

TABLE No. 21:

TABLE NAME : SUBJECT
PRIMARY KEY: SID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
SID	SUBJECT CODE	PK	NUMBER
TYPE_ID	TYPE OF SUBJECT		NUMBER
SUB_NAME	NAME OF SUBJECT		CHAR (15)

TABLE No. 22:

TABLE NAME : SECTION
PRIMARY KEY: SECT_ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
SECT_ID	CODE OF SECTION	PK	NUMBER
SECTION	NAME OF SECTION		CHAR (5)

TABLE No. 23:

TABLE NAME : EXAM
PRIMARY KEY: EXAM_ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
EXAM_ID	CODE OF EXAMINATION	PK	NUMBER
EXAM	NAME OF EXAMINATION		CHAR (10)

EXAMINATION SYSTEM:

TABLE No. 24:

TABLE NAME : GROUPS
PRIMARY KEY: GID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
GID	GROUP CODE	PK	NUMBER
GRP	NAME OF GROUP		CHAR (25)

TABLE No. 25:

TABLE NAME : CLAS
PRIMARY KEY: CID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
CID	CODE OF CLASS	PK	NUMBER
CLASS	NAME OF CLASS		CHAR (10)

TABLE No. 26:

TABLE NAME : STUDENT
PRIMARY KEY: REG

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
REG	REGISTRATION NO	PK	NUMBER
RNO	ROLL NO		NUMBER
NAME	STUDENT NAME		CHAR (20)
CID	CODE OF CLASS	FK	NUMBER
SECT_ID	CODE OF SECTION	FK	NUMBER
GID	CODE OF GROUP	FK	NUMBER

EXAMINATION SYSTEM:

TABLE No. 27:

TABLE NAME : MARKS
PRIMARY KEY: EXAM_ID

NAME	DESCRIPTION	CONSTRAINTS	DATA TYPE
EXAM ID	EXAMINATION CODE	FK	NUMBER
REG	REGISTRATION NO	FK	NUMBER
NAME	STUDENT NAME		CHAR (20)
RNO	ROLL NO		NUMBER
CID	CODE OF CLASS		NUMBER
SECT_ID	CODE OF SECTION		NUMBER
MARKS_OBT	MARKS OBTAINED		NUMBER
TOTAL	MAXIMUM MARKS OF SUBJECT		NUMBER
RESULT	PASS FAIL STATUS		CHAR (4)
GRADE	GRADE		CHAR (5)
DATE_ENTRY	DATE OF ENTRY OF RESULT		DATE

CHAPTER No 5

SOFTWARE DEVELOPMENT & IMPLEMENTATION

5.1 INTRODUCTION:

The major task in the process of a computer-based system is software development. The purpose of software development is to transfer the complete proposed system into executable computer-based system. There are number of clearly identifiable steps that are always involved in the programming phase, and these are:

1) Defining the problem.
2) Planning a system.
3) Maintaining the program.

Thus the purpose of programming task is to code, debug and test each program module before and after integrating them into software.

5.2 SYSTEM TESTING:

Following steps have been taken for testing the system.

a) Each phase of the system has been tested.
b) Dummy data was prepared to test all parts of the system.
c) Manual checking has been done.
d) All modules are inter linked.

e) Form designed and other documents generated by the system are accurate and complete in all respect.
f) Comparison between outputs of the new system and the manual system has been made.
g) All processing tabulation is up to the required standard.

5.3 IMPLEMENTATION.

Implementation is the process of transforming present manual system into a new computerized system. There are several options which are listed below.

1) Direct conversion
2) Gradual conversion
3) Pilot conversion
4) Parallel conversion

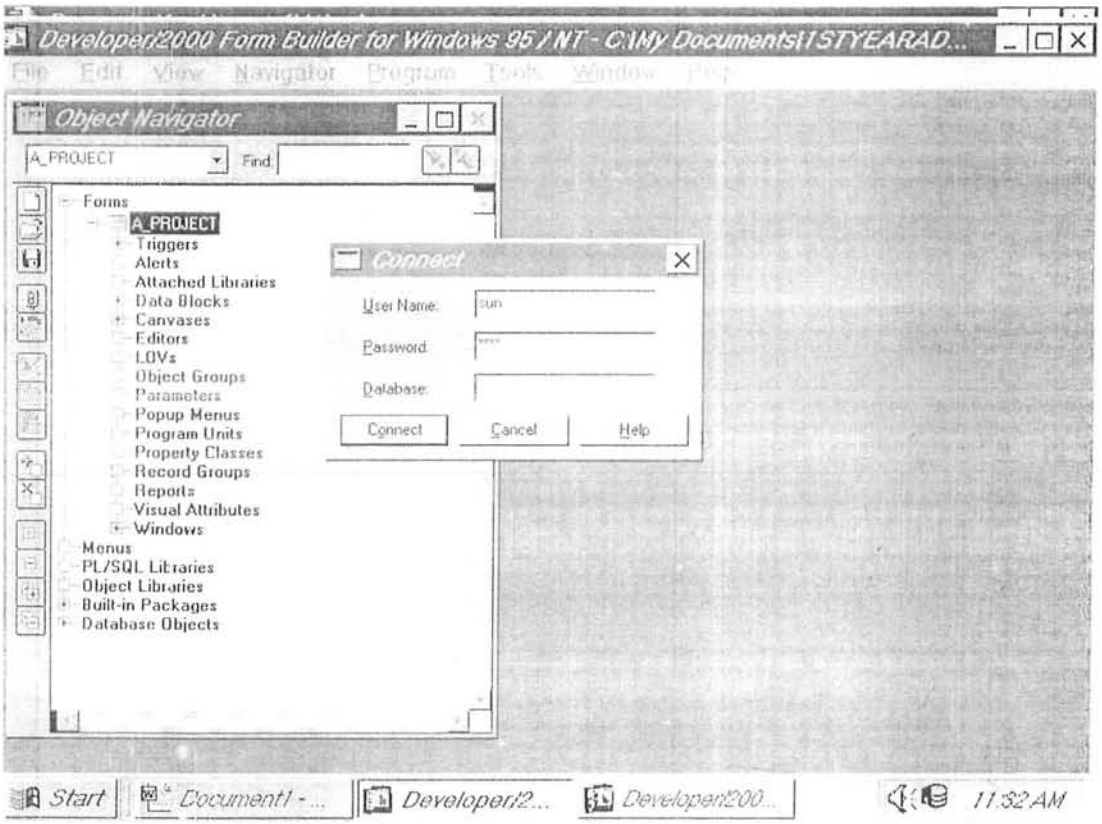
5.4 PROPOSED METHOD OF CONVERSION.

The most feasible conversion plan that suits best is parallel conversion. It is selected because it provides an opportunity to compare the results of the existing system with the new system. Another advantage of this technique is that the risk of failure of system is avoided.

5.5 TRAINING OF PERSONAL.

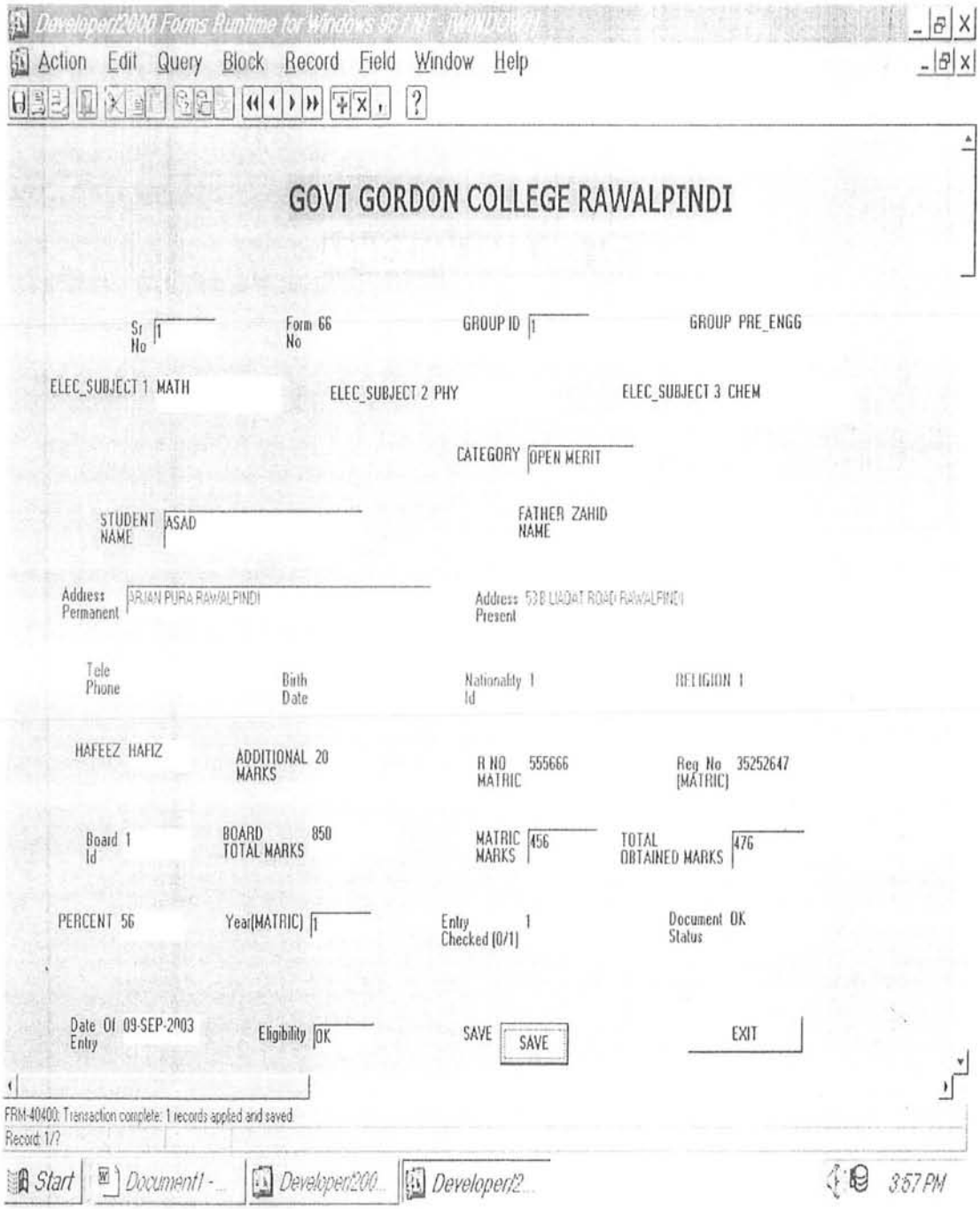
The developed system is quite user friendly, so that any can obtain the required information efficiently out of the database, after few days training and practice. Further more in this regard two days training program has been completed for the college staff.

USER ID AND PASSWORD FOR SECURITY



IMPORTANT

FORMS


Developer2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
GOVT GORDON COLLEGE RAWALPINDI
Sr No 1
Form 66 No
GROUP ID 1
GROUP PRE_ENGG
ELEC_SUBJECT 1 MATH
ELEC_SUBJECT 2 PHY
ELEC_SUBJECT 3 CHEM
CATEGORY OPEN MERIT
STUDENT NAME ASAD
FATHER ZAHID NAME
Address Permanent BRIAN PURA RAWALPINDI
Address Present 538 LIAQAT ROAD RAWALPINDI
Tele Phone
Birth Date
Nationality Id 1
RELIGION 1
HAFEEZ HAFIZ
ADDITIONAL MARKS 20
R NO MATRIC 555666
Reg No (MATRIC) 35252647
Board Id 1
BOARD TOTAL MARKS 850
MATRIC MARKS 456
TOTAL OBTAINED MARKS 476
PERCENT 56
Year(MATRIC) 1
Entry Checked (0/1) 1
Document Status OK
Date Of Entry 09-SEP-2003
Eligibility OK
SAVE
SAVE
EXIT
FRM-40400: Transaction complete: 1 records applied and saved.
Record: 1/?
Start
Document1 -...
Developer200...
Developer2...
3:57 PM

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]

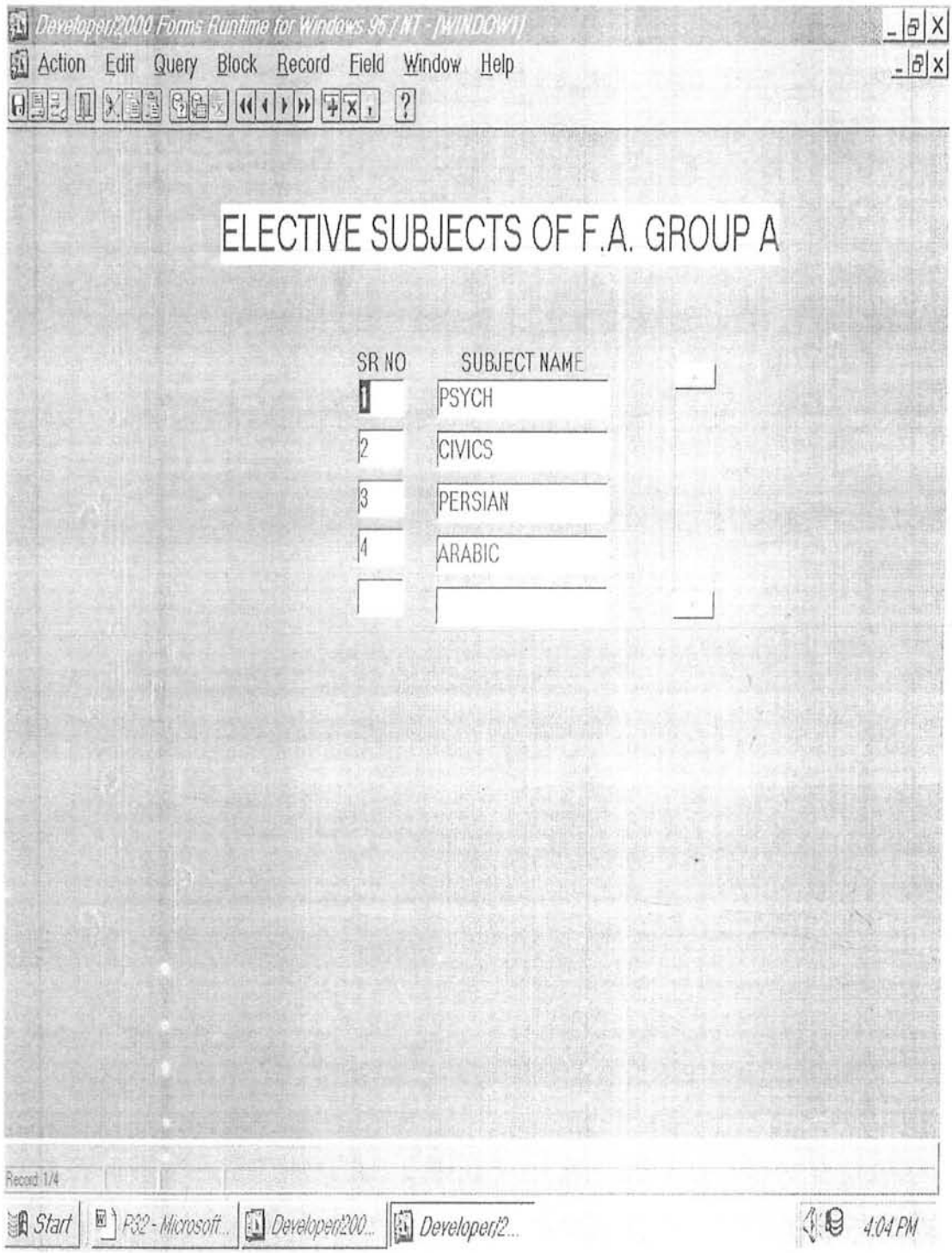
Action Edit Query Block Record Field Window Help

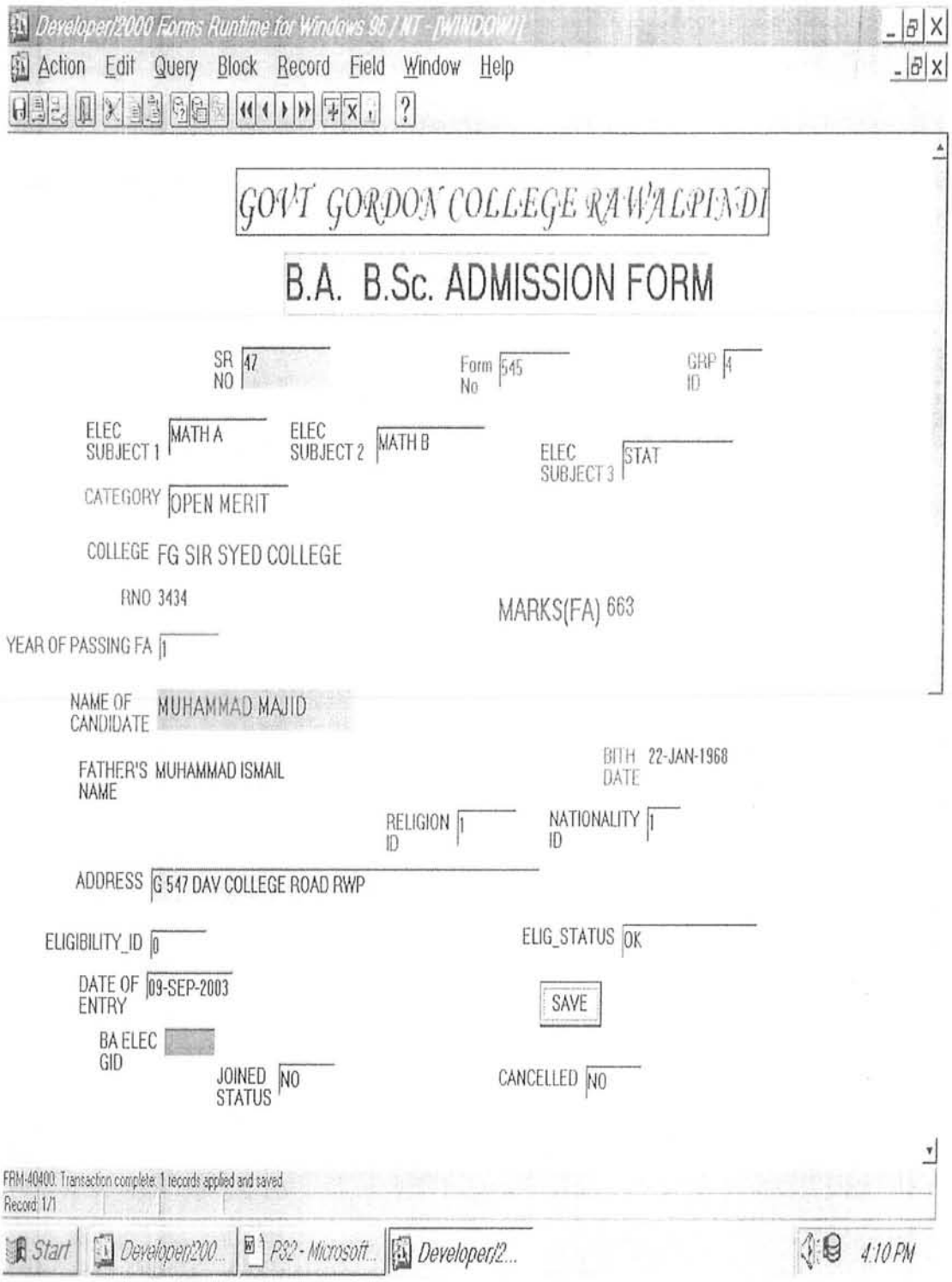
GROUPS INTERMEDIATE

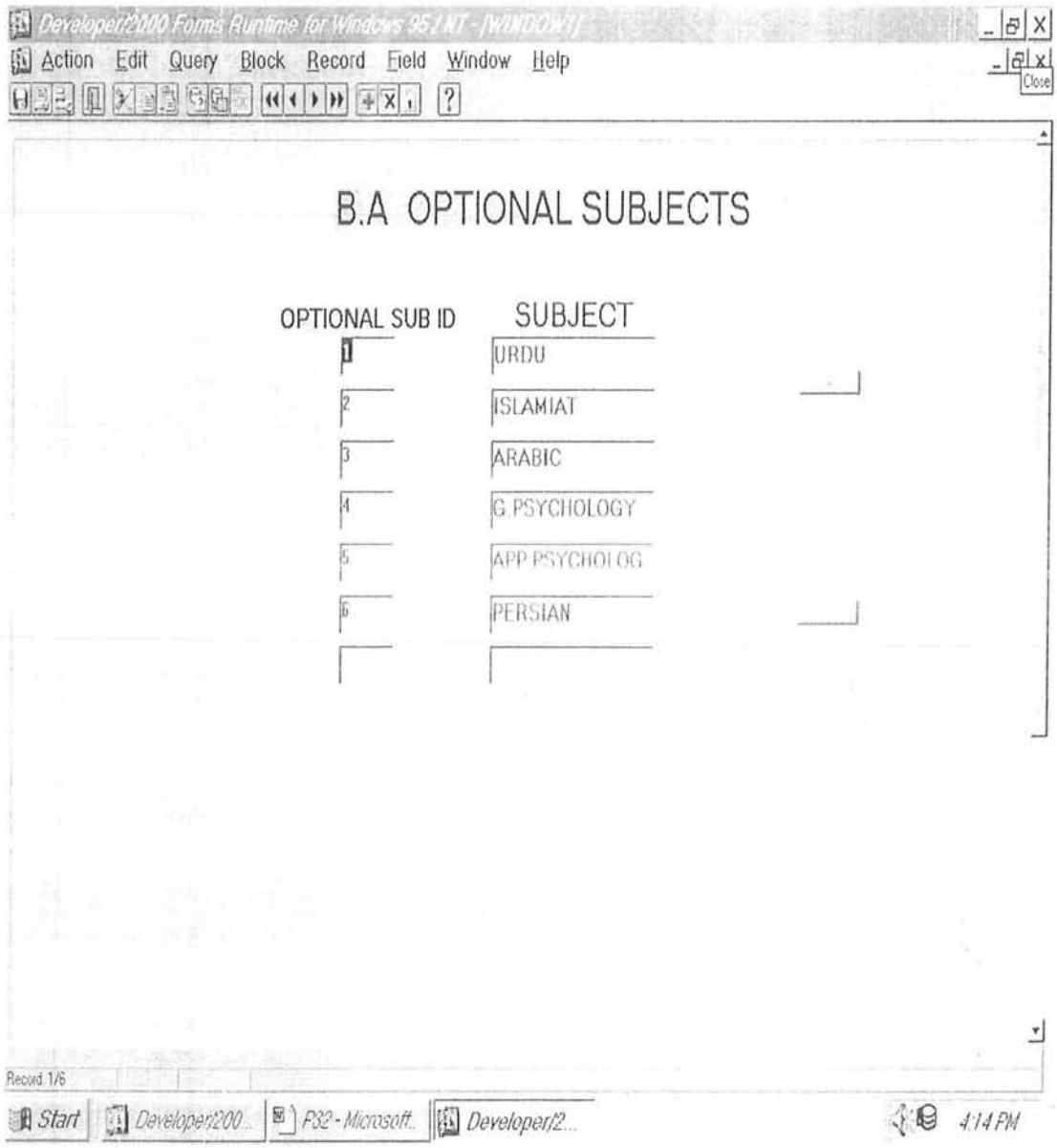
GROUP ID	GROUP	ELECTIVE SUB 1	ELECTIVE SUB 2	ELECTIVE SUB 3
1	PRE_ENGG	MATH	PHY	CHEM
2	PRE_MED	BIO	PHY	CHEM
3	I_C_S	COMPU	PHY	MATH
4	G_SCIENCE	STAT	MATH	ECON
5	ARTS			

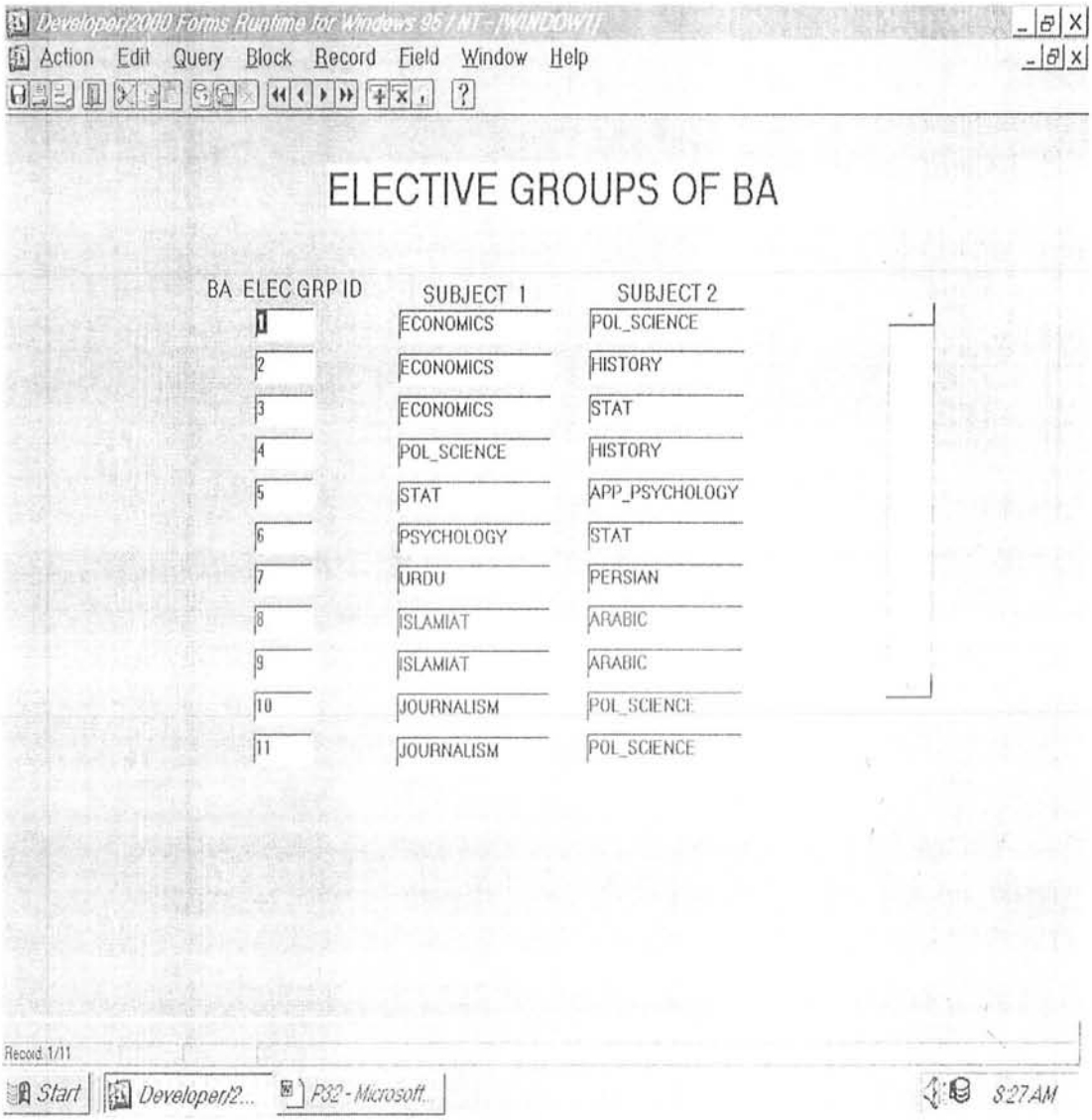
Record 1/5

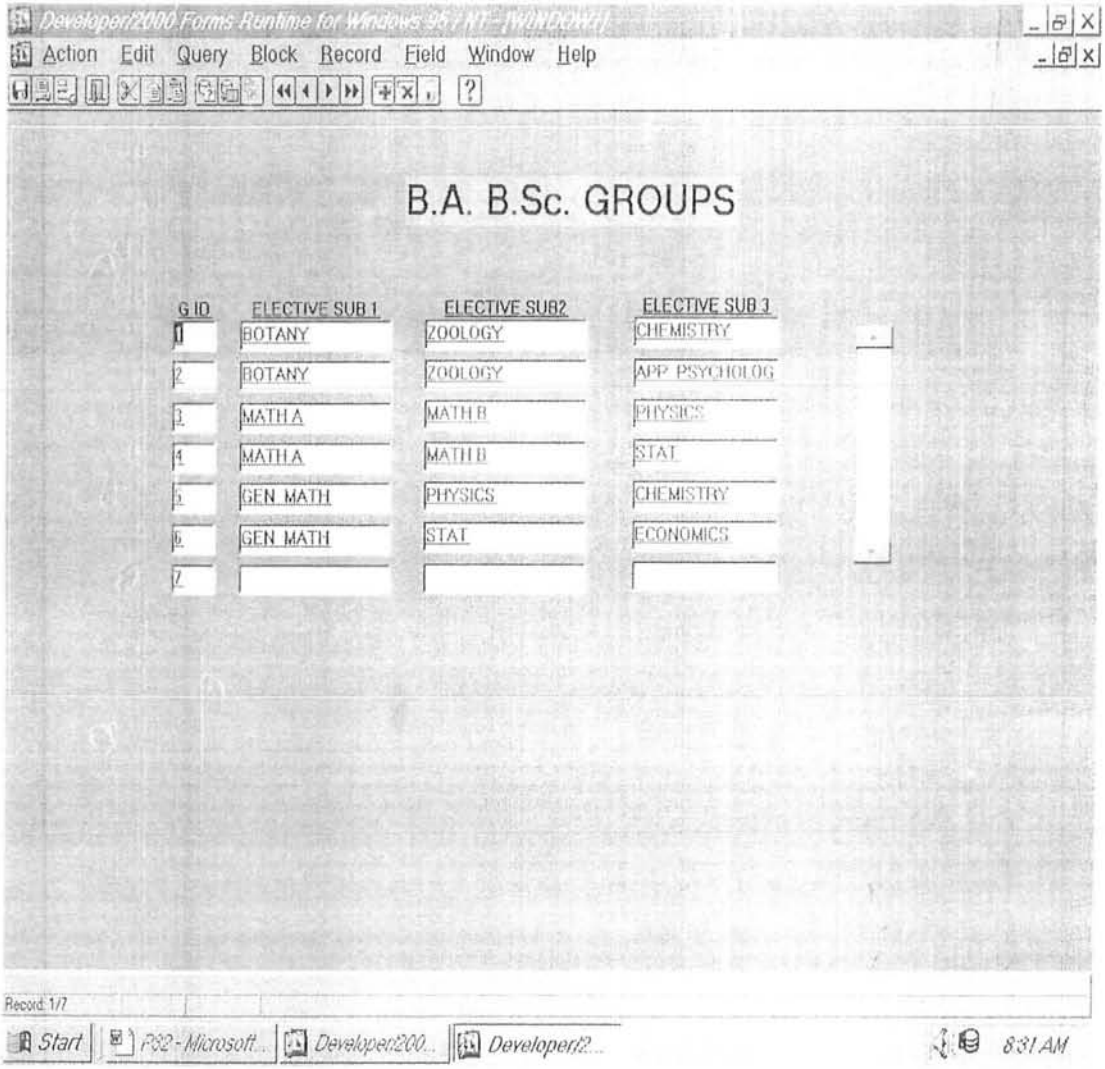
Start | P32 - Microsoft... | Developer/200... | Developer/2... | 4:01 PM

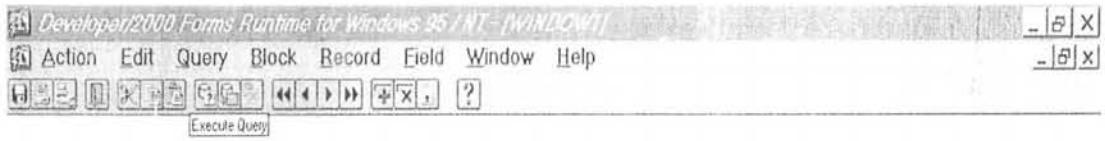

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
ELECTIVE SUBJECTS OF F.A. GROUP A
SR NO
SUBJECT NAME
1
PSYCH
2
CIVICS
3
PERSIAN
4
ARABIC
Record 1/4
Start
P32 - Microsoft...
Developer/200...
Developer/2...
4:04 PM


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
GOVT GORDON COLLEGE RAWALPINDI
B.A. B.Sc. ADMISSION FORM
SR NO 47
Form No 545
GRP ID 4
ELEC SUBJECT 1 MATH A
ELEC SUBJECT 2 MATH B
ELEC SUBJECT 3 STAT
CATEGORY OPEN MERIT
COLLEGE FG SIR SYED COLLEGE
RNO 3434
MARKS(FA) 663
YEAR OF PASSING FA 1
NAME OF CANDIDATE MUHAMMAD MAJID
FATHER'S NAME MUHAMMAD ISMAIL
BITH DATE 22-JAN-1968
RELIGION ID 1
NATIONALITY ID 1
ADDRESS G 547 DAV COLLEGE ROAD RWP
ELIGIBILITY_ID 0
ELIG_STATUS OK
DATE OF ENTRY 09-SEP-2003
SAVE
BA ELEC GID
JOINED STATUS NO
CANCELLED NO
FRM-40400: Transaction complete: 1 records applied and saved.
Record: 1/1
Start
Developer200...
P32 - Microsoft...
Developer/2...
4:10 PM


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
Close
B.A OPTIONAL SUBJECTS
OPTIONAL SUB ID
SUBJECT
1
URDU
2
ISLAMIAT
3
ARABIC
4
G.PSYCHOLOGY
5
APP.PSYCHOLOG
6
PERSIAN
Record 1/6
Start
Developer/200...
P32 - Microsoft...
Developer/2...
4:14 PM


Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
ELECTIVE GROUPS OF BA
BA ELEC GRP ID
SUBJECT 1
SUBJECT 2
1 ECONOMICS POL_SCIENCE
2 ECONOMICS HISTORY
3 ECONOMICS STAT
4 POL_SCIENCE HISTORY
5 STAT APP_PSYCHOLOGY
6 PSYCHOLOGY STAT
7 URDU PERSIAN
8 ISLAMIAT ARABIC
9 ISLAMIAT ARABIC
10 JOURNALISM POL_SCIENCE
11 JOURNALISM POL_SCIENCE
Record 1/11
Start
Developer/2...
P32 - Microsoft...
8:27 AM

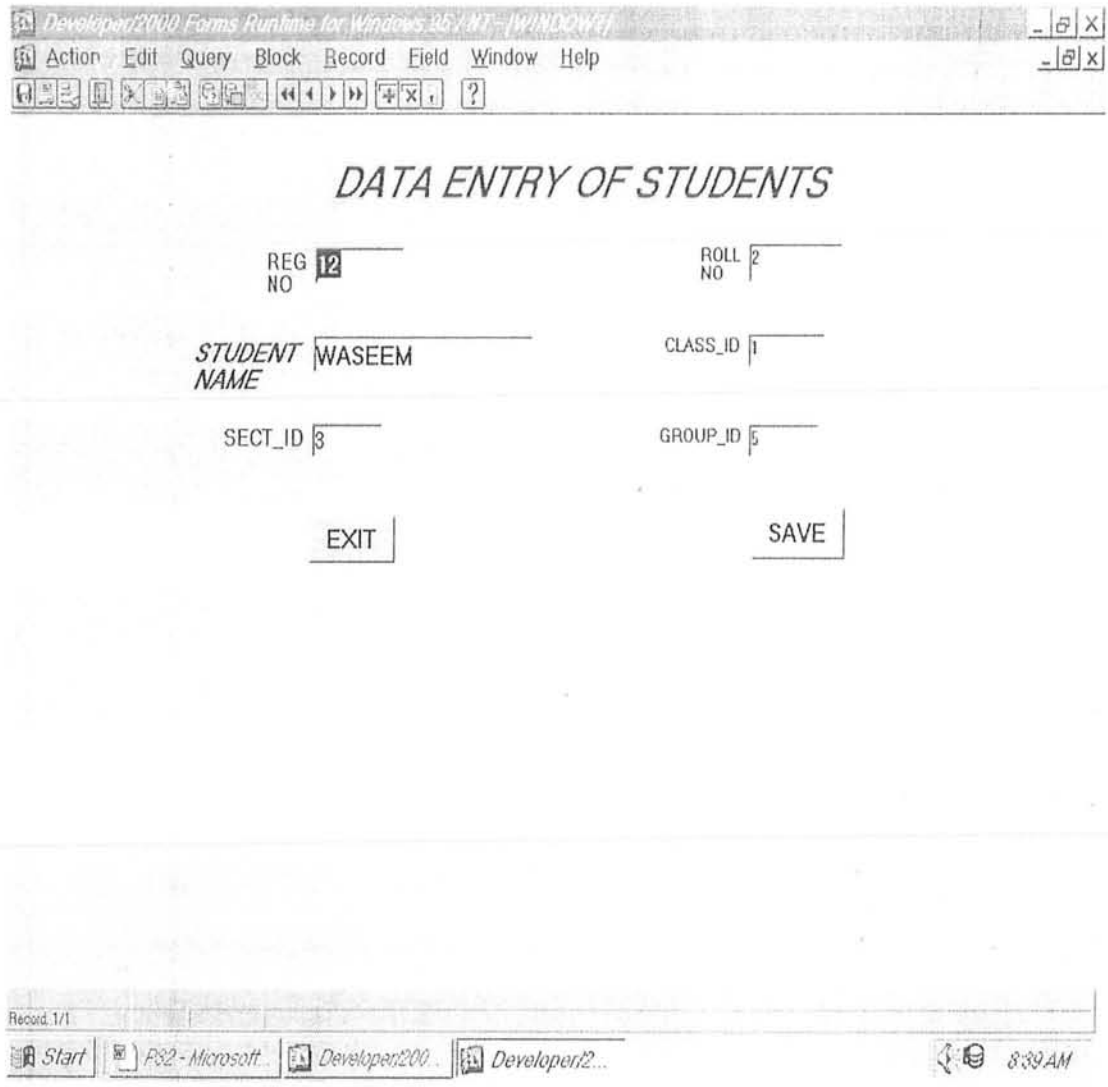

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
B.A. B.Sc. GROUPS
G ID
ELECTIVE SUB 1
ELECTIVE SUB2
ELECTIVE SUB 3
1 BOTANY ZOOLOGY CHEMISTRY
2 BOTANY ZOOLOGY APP PSYCHOLOG
3 MATH A MATH B PHYSICS
4 MATH A MATH B STAT
5 GEN MATH PHYSICS CHEMISTRY
6 GEN MATH STAT ECONOMICS
7
Record 1/7
Start
P32 - Microsoft...
Developer/200...
Developer/2...
8:31 AM

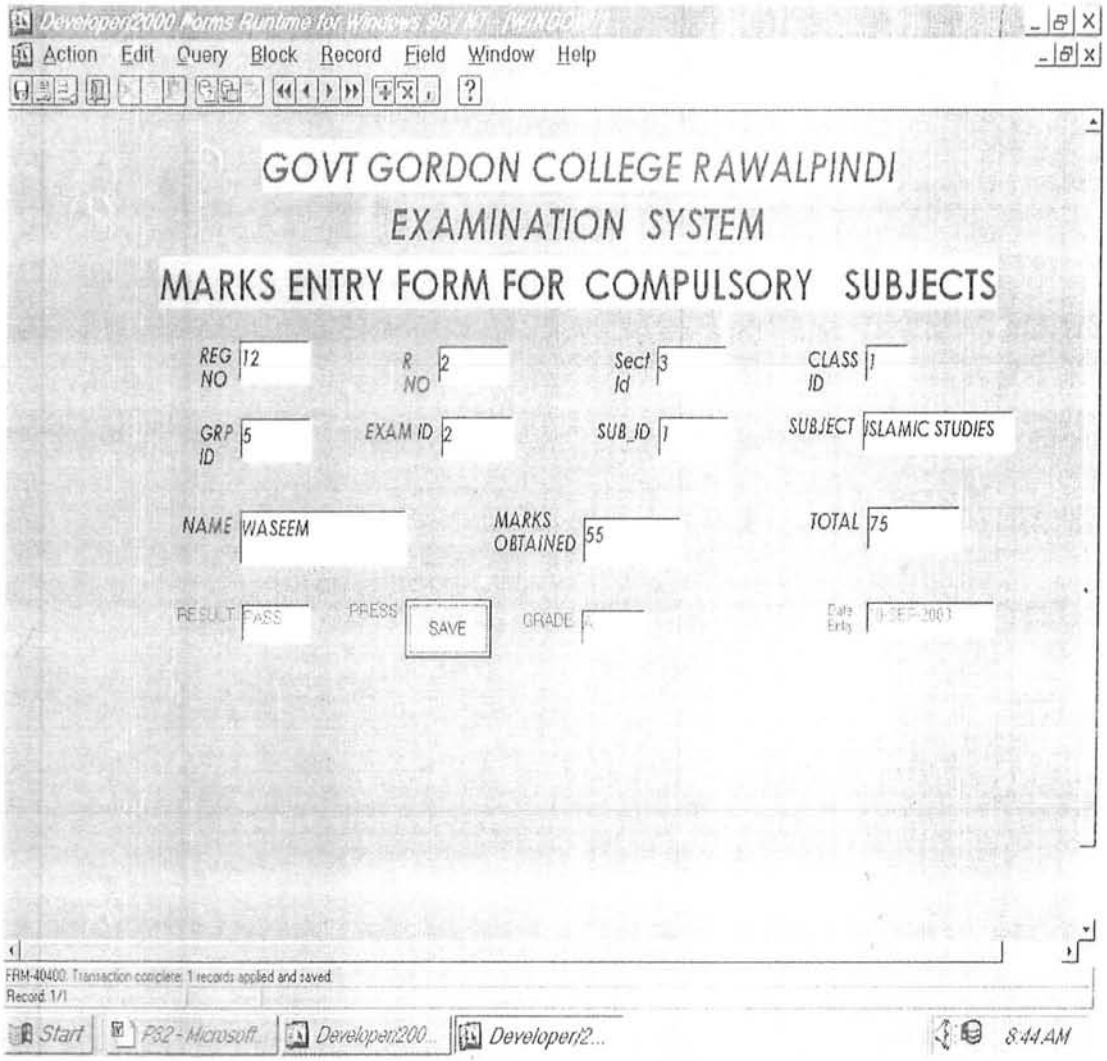


GOVT GORDON COLLEGE

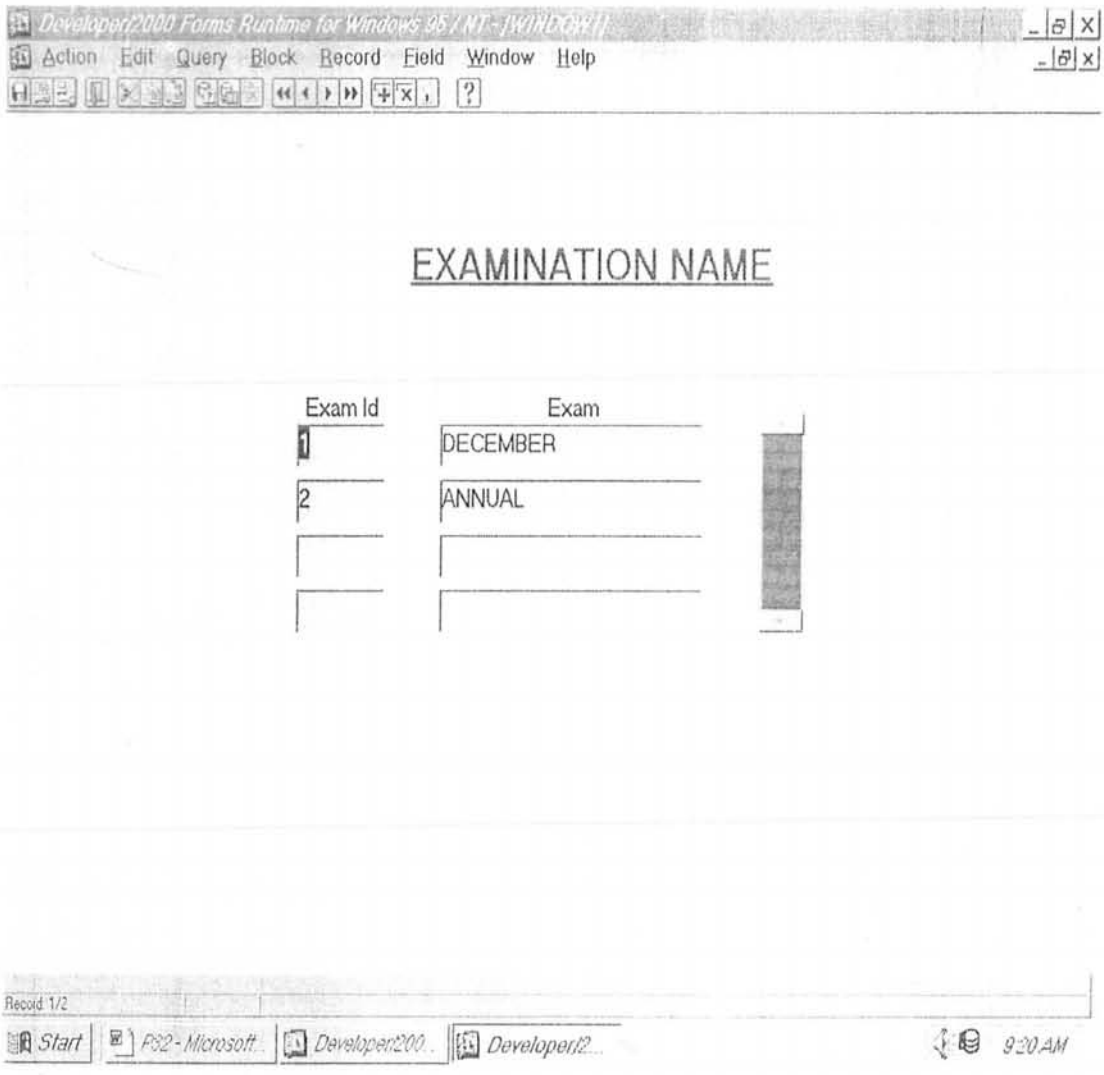
CATEGORIES OF ADMISSION

CATEGORY ID	CATEGORY
1	*OPEN MERIT*
2	*DISABLE*


Developer2000 Forms Runtime for Windows 95/NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
DATA ENTRY OF STUDENTS
REG NO 12
ROLL NO 2
STUDENT NAME WASEEM
CLASS_ID 1
SECT_ID 3
GROUP_ID 5
EXIT
SAVE
Record 1/1
Start
P82 - Microsoft...
Developer200...
Developer2...
8:39 AM

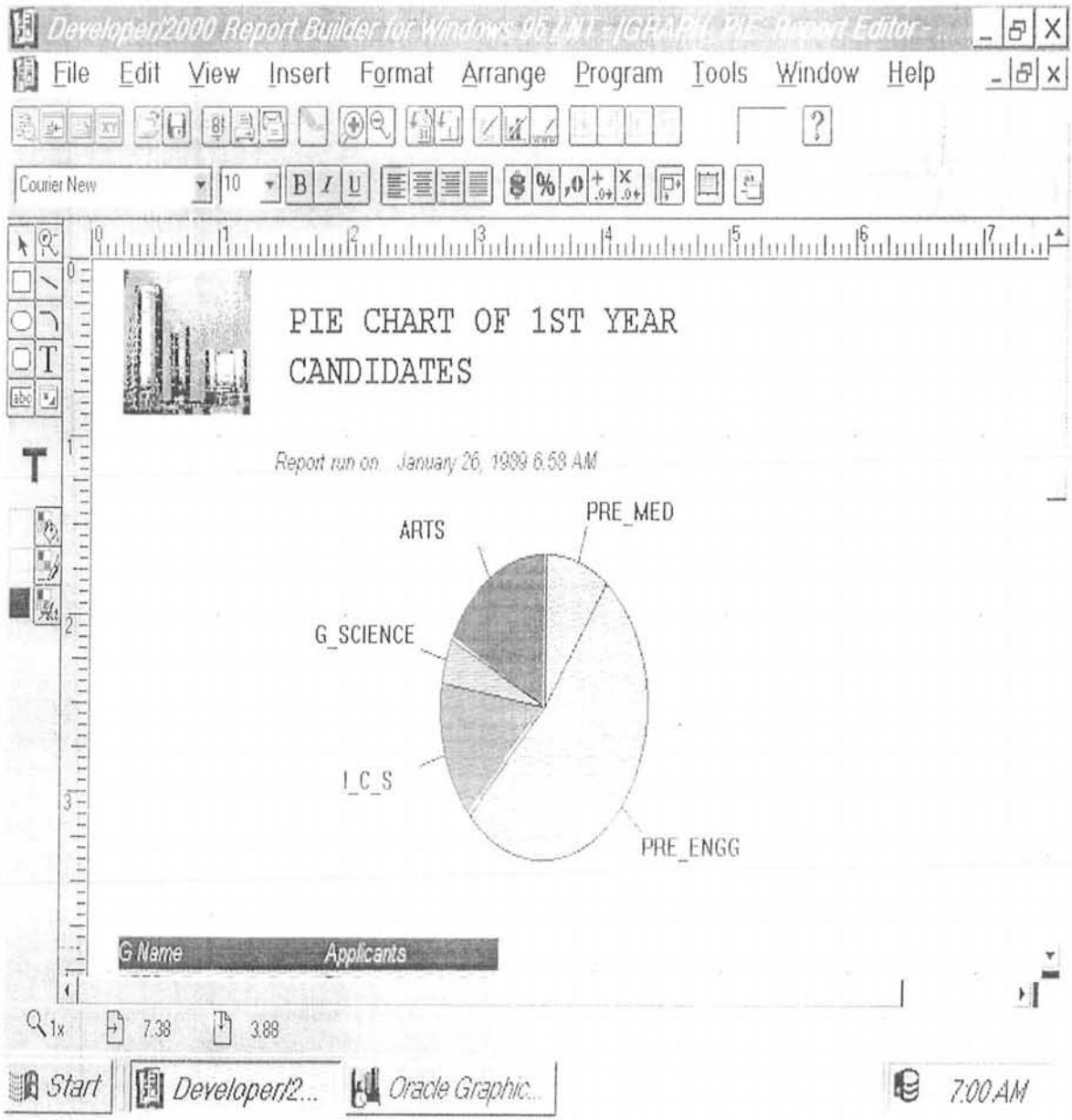

Developer2000 Forms Runtime for Windows 95 / NT - [MAIN01]
Action Edit Query Block Record Field Window Help
GOVT GORDON COLLEGE RAWALPINDI
EXAMINATION SYSTEM
MARKS ENTRY FORM FOR COMPULSORY SUBJECTS
REG NO 12
R NO 2
Sect Id 3
CLASS ID 1
GRP ID 5
EXAM ID 2
SUB_ID 1
SUBJECT ISLAMIC STUDIES
NAME WASEEM
MARKS OBTAINED 55
TOTAL 75
RESULT PASS
PRESS SAVE
GRADE A
Date Entry 9-SEP-2003
FRM-40400: Transaction complete: 1 records applied and saved.
Record 1/1
Start
P32 - Microsoft...
Developer200...
Developer/2...
8:44 AM

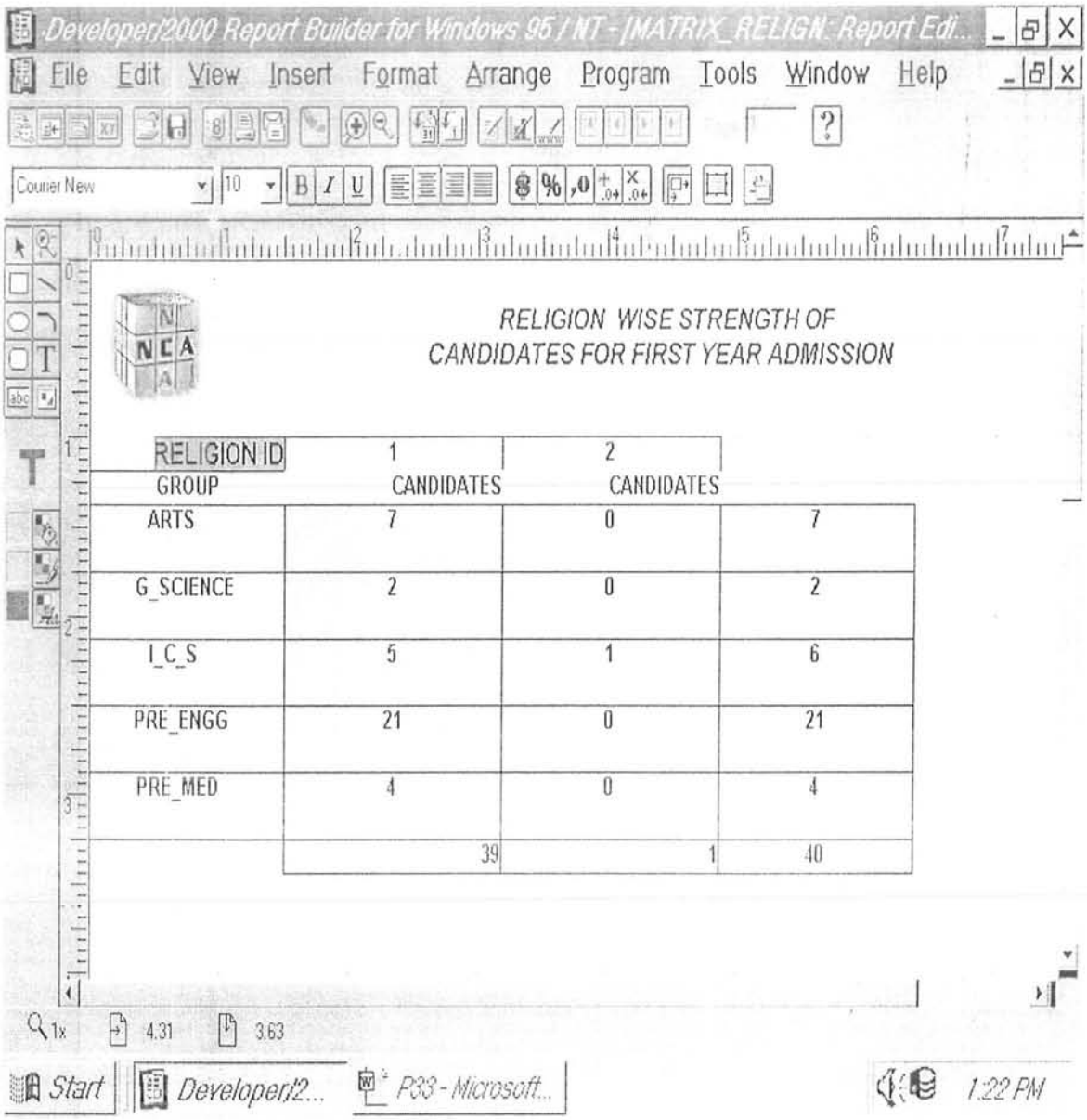
Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
ENTRY OF SUBJECTS
TYPE ID KEY
COMPULSORY SUBJECTS =1
SCIENCE SUBJECTS =2
ARTS SUBJECTS=3
SUBJECT ID
TYPE ID
SUBJECT
1 1 ISLAMIC STUDIES
2 1 PAK STUDIES
3 1 ENGLISH
4 1 ENGLISH A
5 1 ENGLISH B
6 1 URDU
7 2 MATH
8 2 MATH A
9 2 MATH B
10 2 GEN. MATH
Record 1/7
Start
P32 - Microsoft...
Developer200...
Developer/2...
8:48 AM

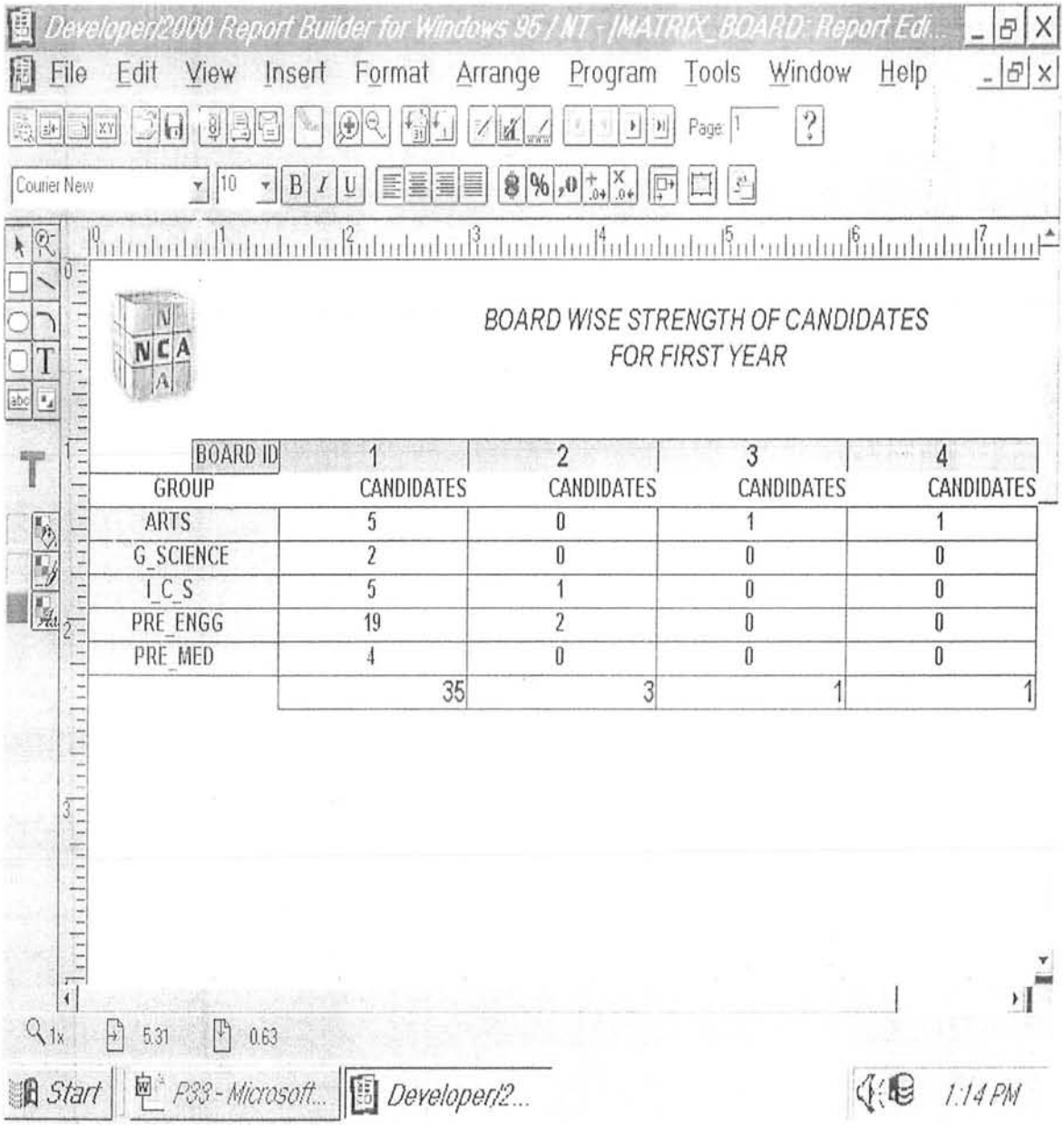

Developer/2000 Forms Runtime for Windows 95 / NT - [WINDOW1]
Action Edit Query Block Record Field Window Help
EXAMINATION NAME
Exam Id
Exam
1
DECEMBER
2
ANNUAL
Record 1/2
Start
F82 - Microsoft...
Developer200...
Developer/2...
9:20 AM

IMPORTANT

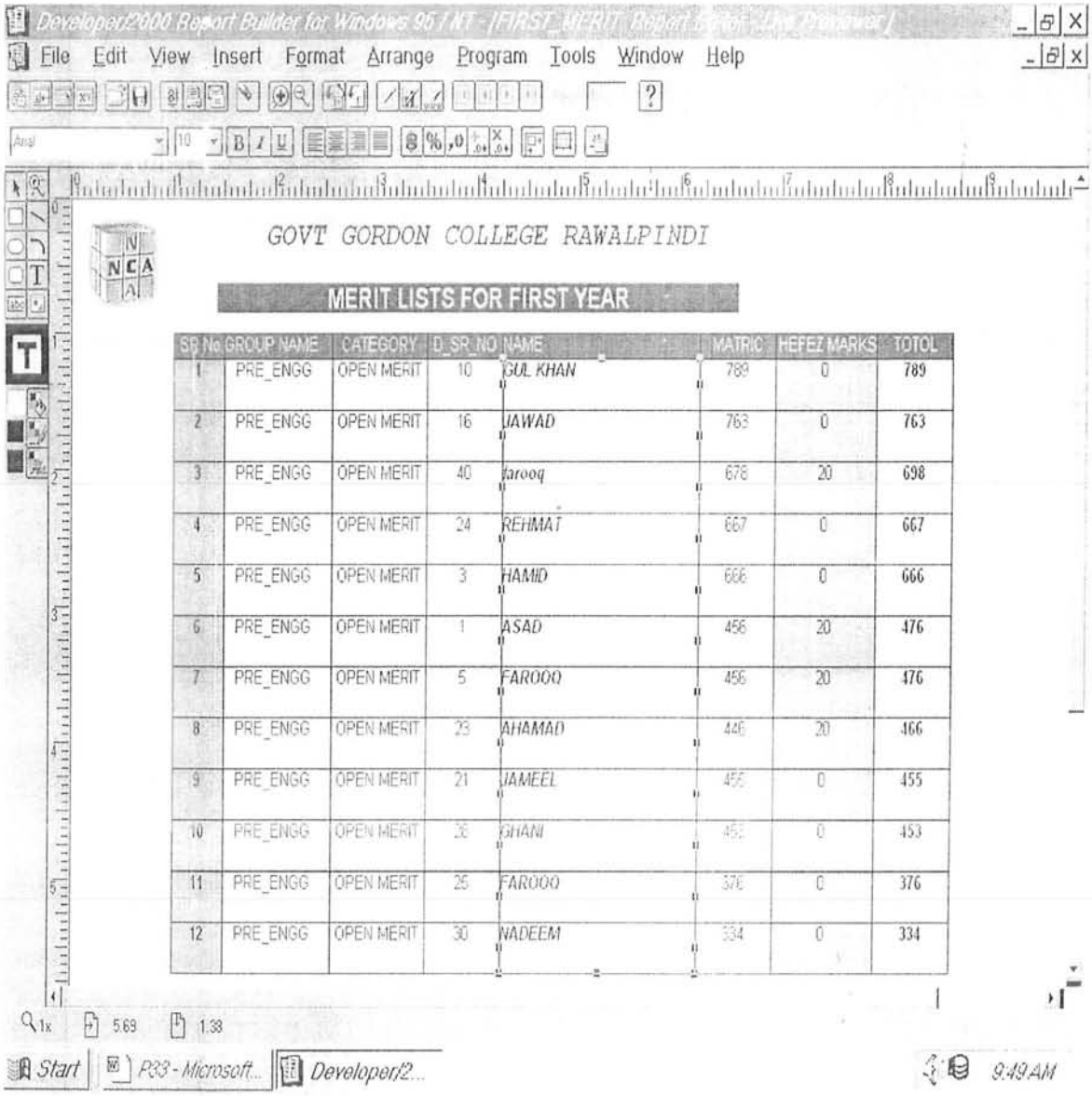
REPORTS


Developer/2000 Report Builder for Windows 95/NT - [GRAPH_PIE Report Editor - ...
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
10
PIE CHART OF 1ST YEAR CANDIDATES
Report run on January 26, 1999 6:58 AM
ARTS
PRE_MED
G_SCIENCE
I_C_S
PRE_ENGG
G_Name
Applicants
1x
7.38
3.88
Start
Developer/2...
Oracle Graphic...
7:00 AM


Developer/2000 Report Builder for Windows 95 / NT - [MATRIX_RELIGN: Report Edi...
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
10
RELIGION WISE STRENGTH OF
CANDIDATES FOR FIRST YEAR ADMISSION
RELIGION ID
1
2
GROUP
CANDIDATES
CANDIDATES
ARTS 7 0 7
G_SCIENCE 2 0 2
I_C_S 5 1 6
PRE_ENGG 21 0 21
PRE_MED 4 0 4
39 1 40
1x
4.31
3.63
Start
Developer/2...
P33 - Microsoft...
1:22 PM



BOARD ID	1	2	3	4
GROUP	CANDIDATES	CANDIDATES	CANDIDATES	CANDIDATES
ARTS	5	0	1	1
G_SCIENCE	2	0	0	0
I_C_S	5	1	0	0
PRE_ENGG	19	2	0	0
PRE_MED	4	0	0	0
	35	3	1	1



Developer/2000 Report Builder for Windows 95 / NT - [FIRST_MERIT Report Editor - Live Previewer]

File Edit View Insert Format Arrange Program Tools Window Help

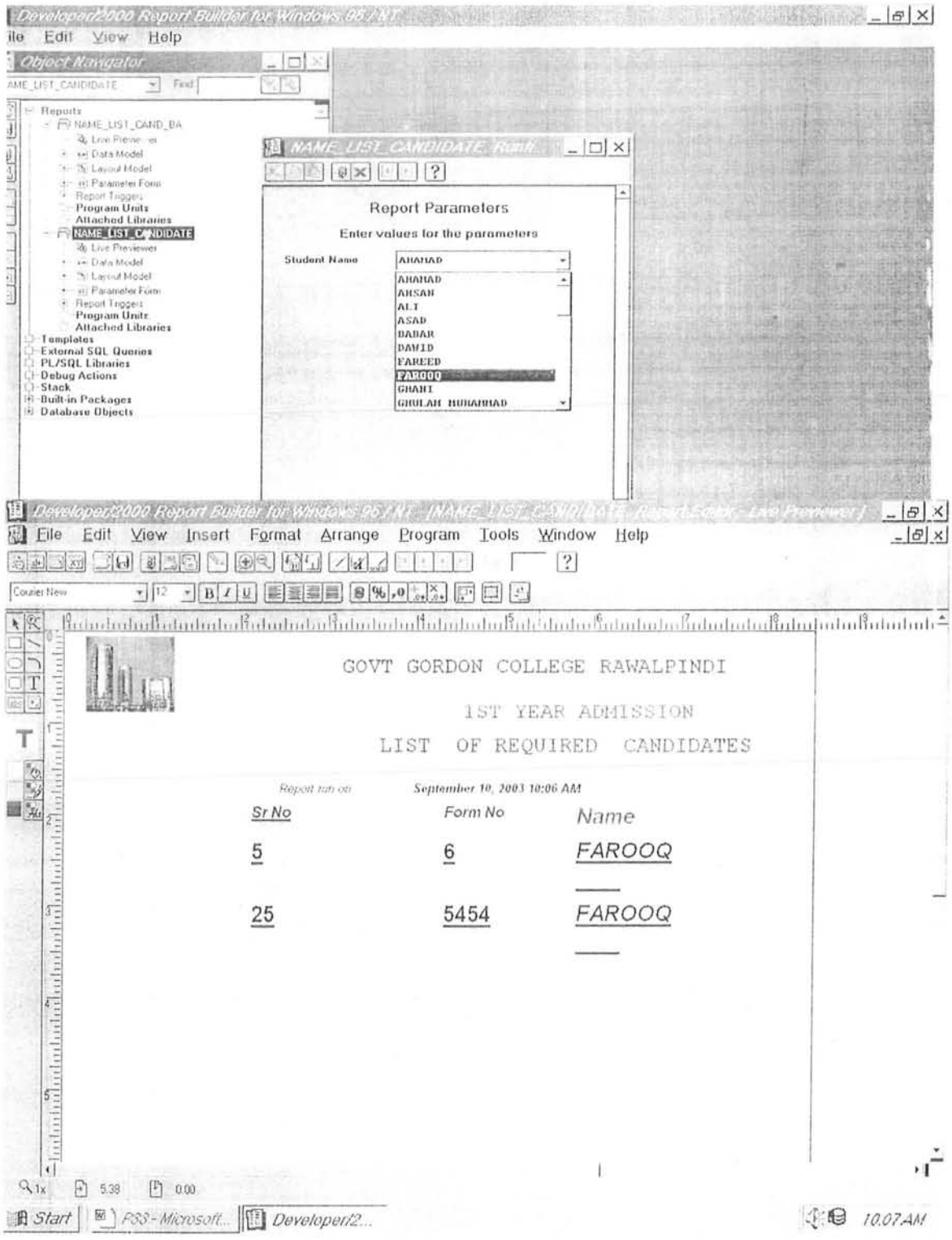
GOVT GORDON COLLEGE RAWALPINDI

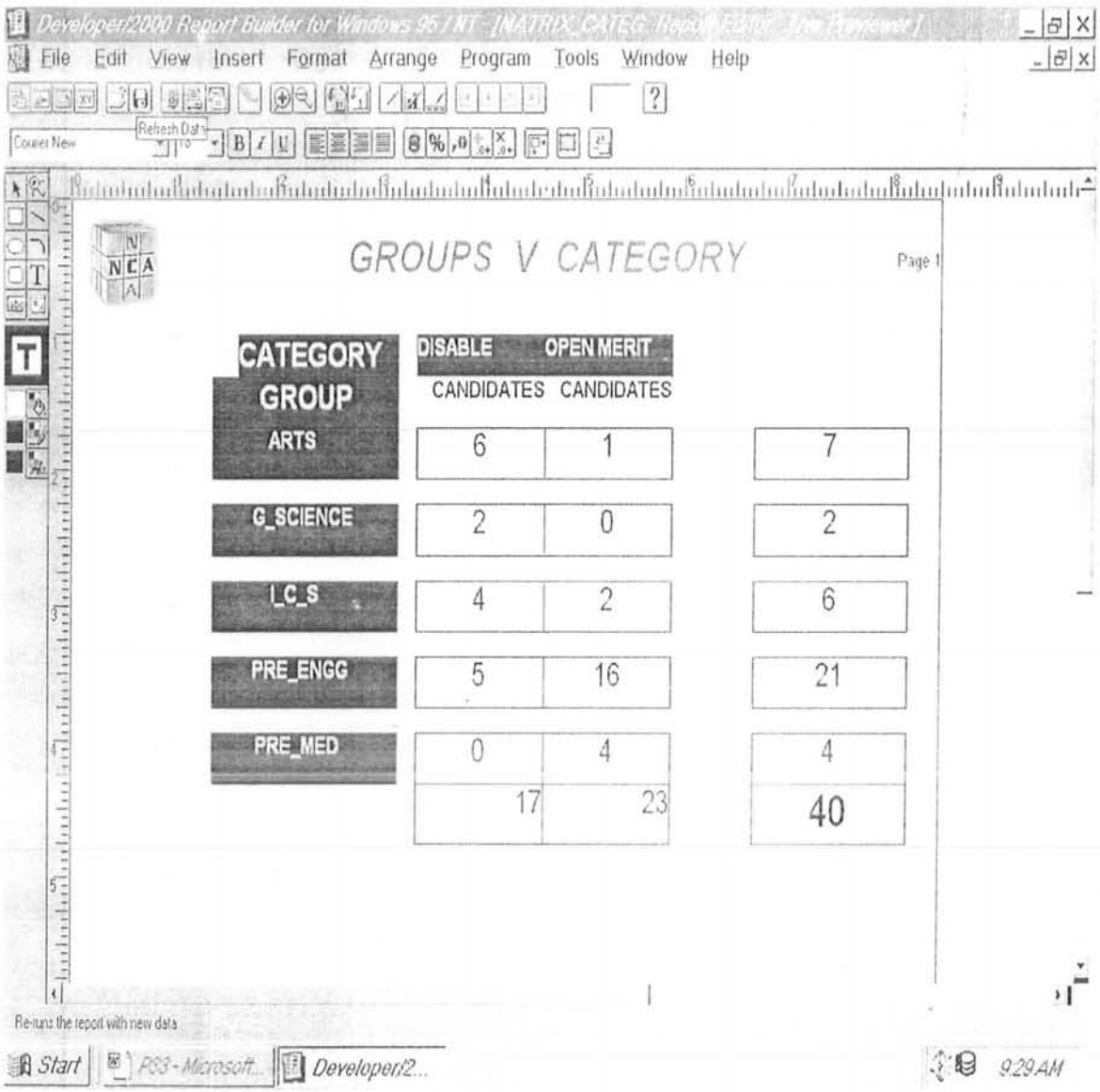
MERIT LISTS FOR FIRST YEAR

SR No	GROUP NAME	CATEGORY	D_SR_NO	NAME	MATRIC	HEFEZ MARKS	TOTOL
1	PRE_ENGG	OPEN MERIT	10	GUL KHAN	789	0	789
2	PRE_ENGG	OPEN MERIT	16	JAWAD	763	0	763
3	PRE_ENGG	OPEN MERIT	40	farooq	678	20	698
4	PRE_ENGG	OPEN MERIT	24	REHMAT	667	0	667
5	PRE_ENGG	OPEN MERIT	3	HAMID	666	0	666
6	PRE_ENGG	OPEN MERIT	1	ASAD	456	20	476
7	PRE_ENGG	OPEN MERIT	5	FAROOQ	456	20	476
8	PRE_ENGG	OPEN MERIT	23	AHAMAD	446	20	466
9	PRE_ENGG	OPEN MERIT	21	JAMEEL	455	0	455
10	PRE_ENGG	OPEN MERIT	28	GHANI	453	0	453
11	PRE_ENGG	OPEN MERIT	25	FAROOQ	376	0	376
12	PRE_ENGG	OPEN MERIT	30	NADEEM	334	0	334

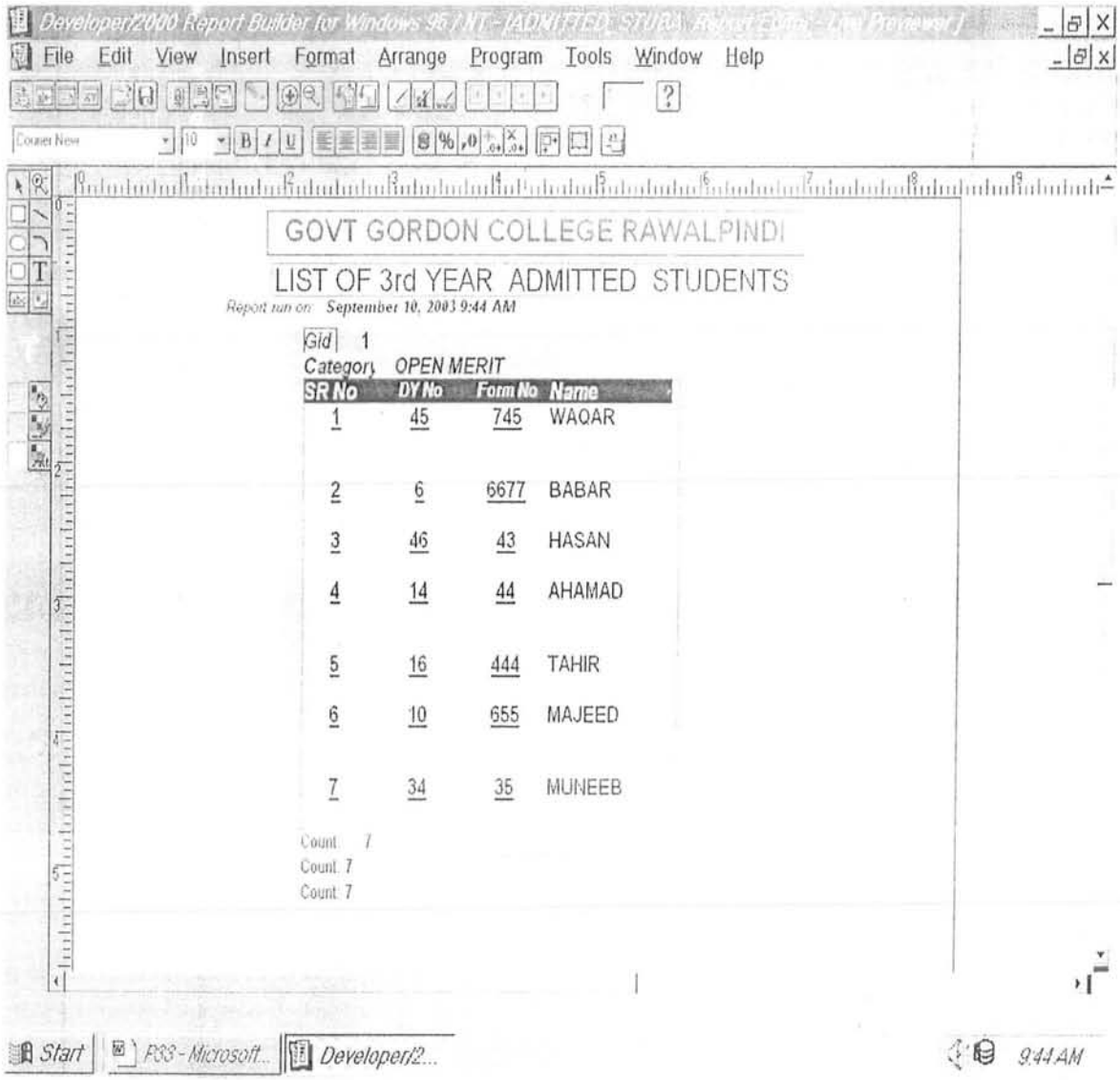
1x 5.69 1.38

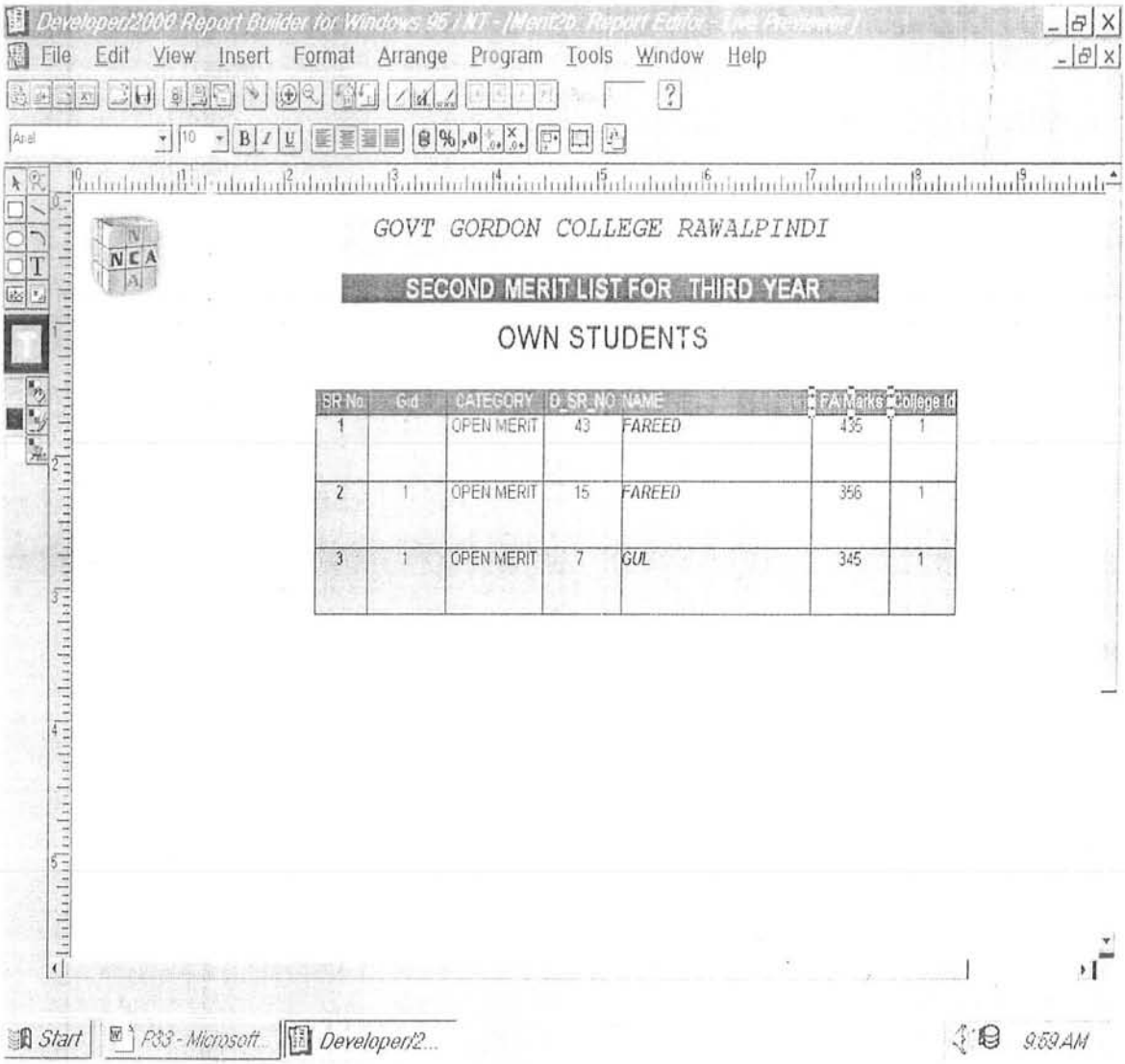
Start P33 - Microsoft... Developer/2... 9:49 AM

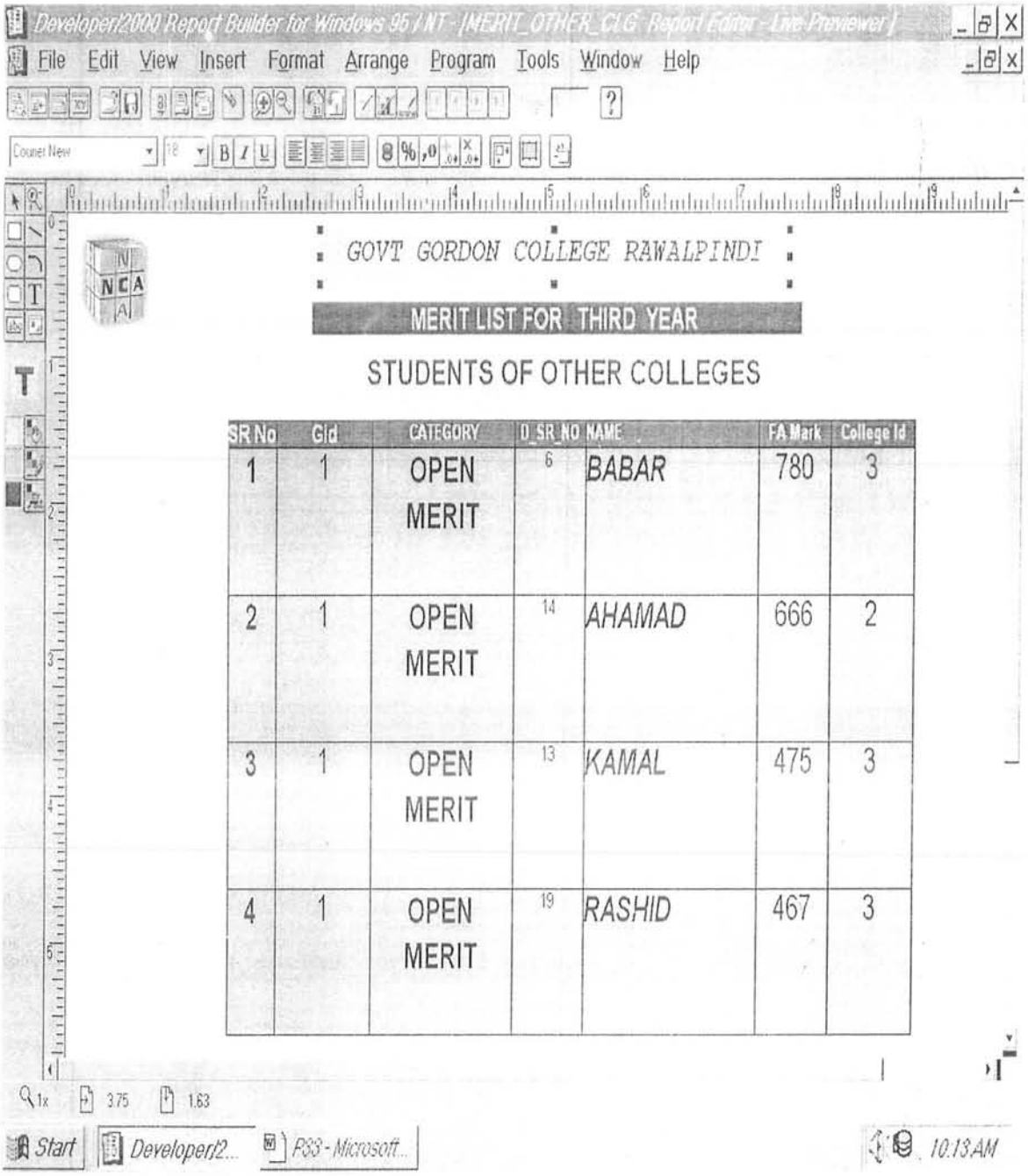

Developer/2000 Report Builder for Windows 95 / NT
File Edit View Help
Object Navigator
Reports
NAME_LIST_CAND_BA
Data Model
Layout Model
Parameter Form
Report Triggers
Program Units
Attached Libraries
NAME_LIST_CANDIDATE
Templates
External SQL Queries
PL/SQL Libraries
Debug Actions
Stack
Built-in Packages
Database Objects
NAME_LIST_CANDIDATE Rpnt
Report Parameters
Enter values for the parameters
Student Name
AHAHAD
AHSAN
ALI
ASAD
BABAR
DAVID
FAREED
FAROOQ
GHANI
GHULAM MUHAMMAD
Developer/2000 Report Builder for Windows 95 / NT - [NAME_LIST_CANDIDATE Report Source - Live Previewer]
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
GOVT GORDON COLLEGE RAWALPINDI
1ST YEAR ADMISSION
LIST OF REQUIRED CANDIDATES
Report run on September 10, 2003 10:06 AM
Sr No
Form No
Name
5
6
FAROOQ
25
5454
FAROOQ
5.38
0.00
Start
PSS - Microsoft...
Developer/2...
10:07 AM

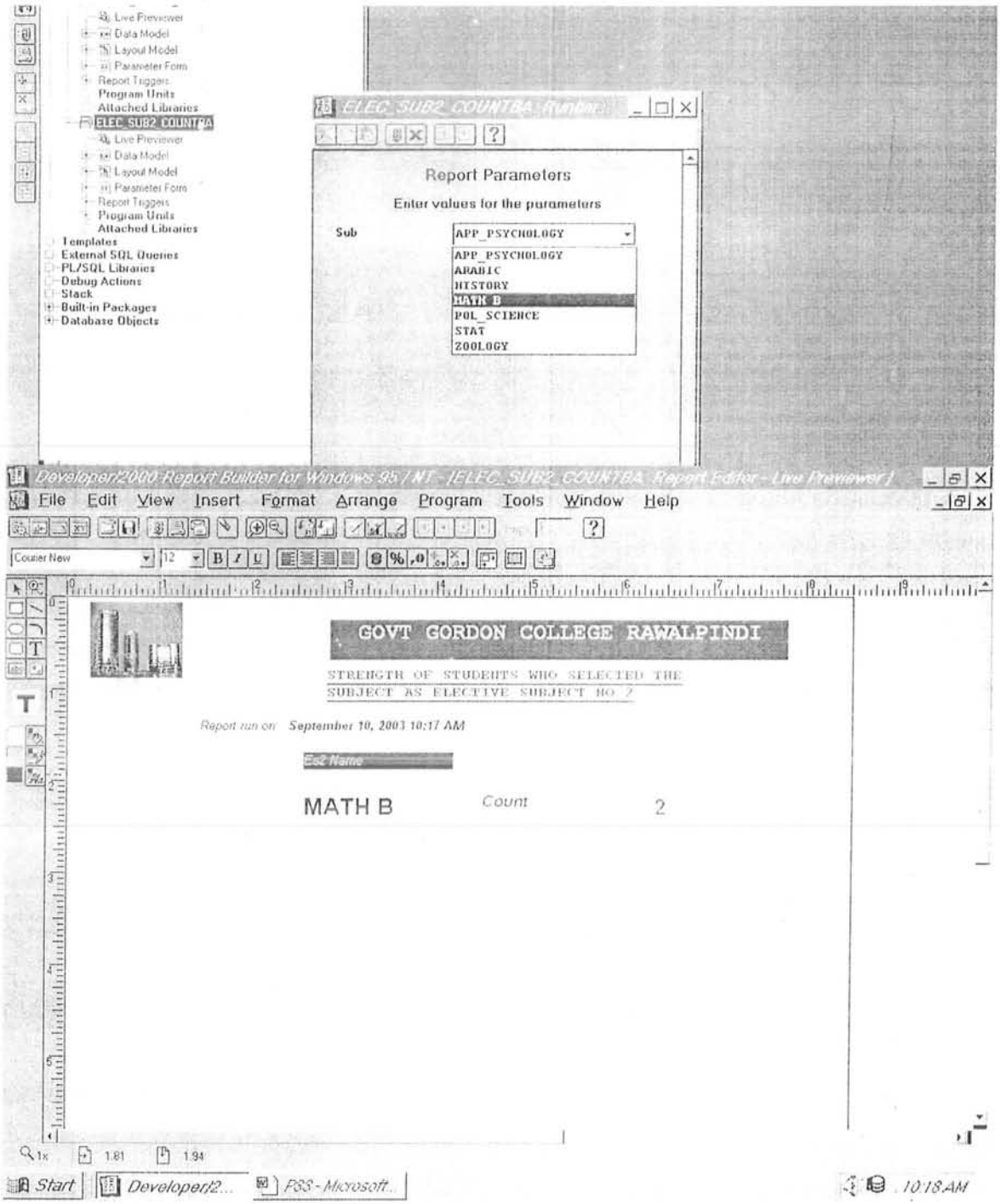

Developer/2000 Report Builder for Windows 95 / NT - [MATRIX_CATEG Report Editor - Live Previewer]
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
Refresh Dat
GROUPS V CATEGORY
Page 1
CATEGORY GROUP
DISABLE CANDIDATES
OPEN MERIT CANDIDATES
ARTS 6 1 7
G_SCIENCE 2 0 2
I_C_S 4 2 6
PRE_ENGG 5 16 21
PRE_MED 0 4 4
17 23 40
Returns the report with new data
Start
P83 - Microsoft...
Developer/2...
9:29 AM

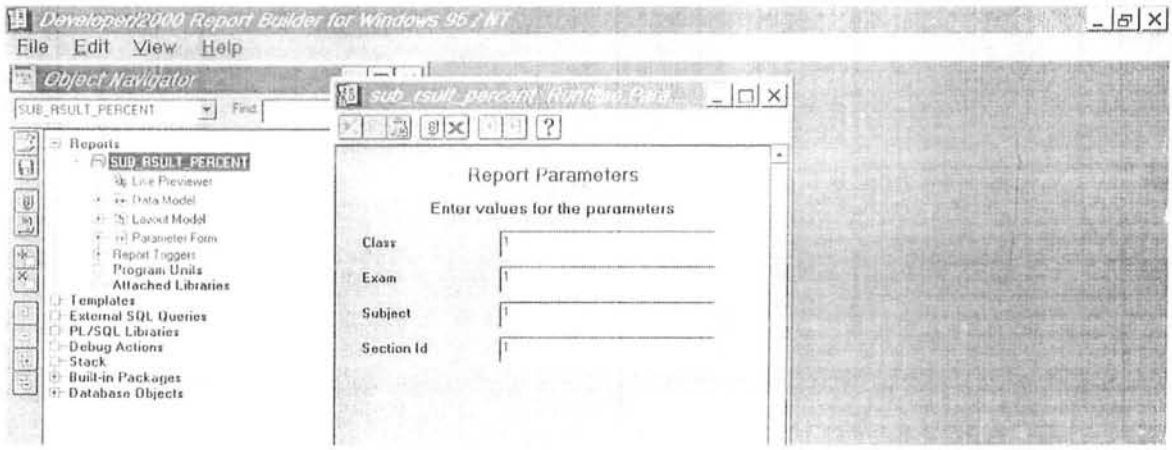
Developer/2000 Report Builder for Windows 95 / NT - [ELEC. SUBJ. COUNT
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
12
GOVT GORDON COLLEGE RAWALPINDI
STRENGTH OF STUDENTS WHO SELECTED THE SUBJECT AS ELECTIVE SUBJECT NO 1
Report run on: September 10, 2003 9:53 AM
ELECTIVE SUBJECT
MATH
COUNT 7
Start
P33 - Microsoft...
Developer/2...
9:55 AM

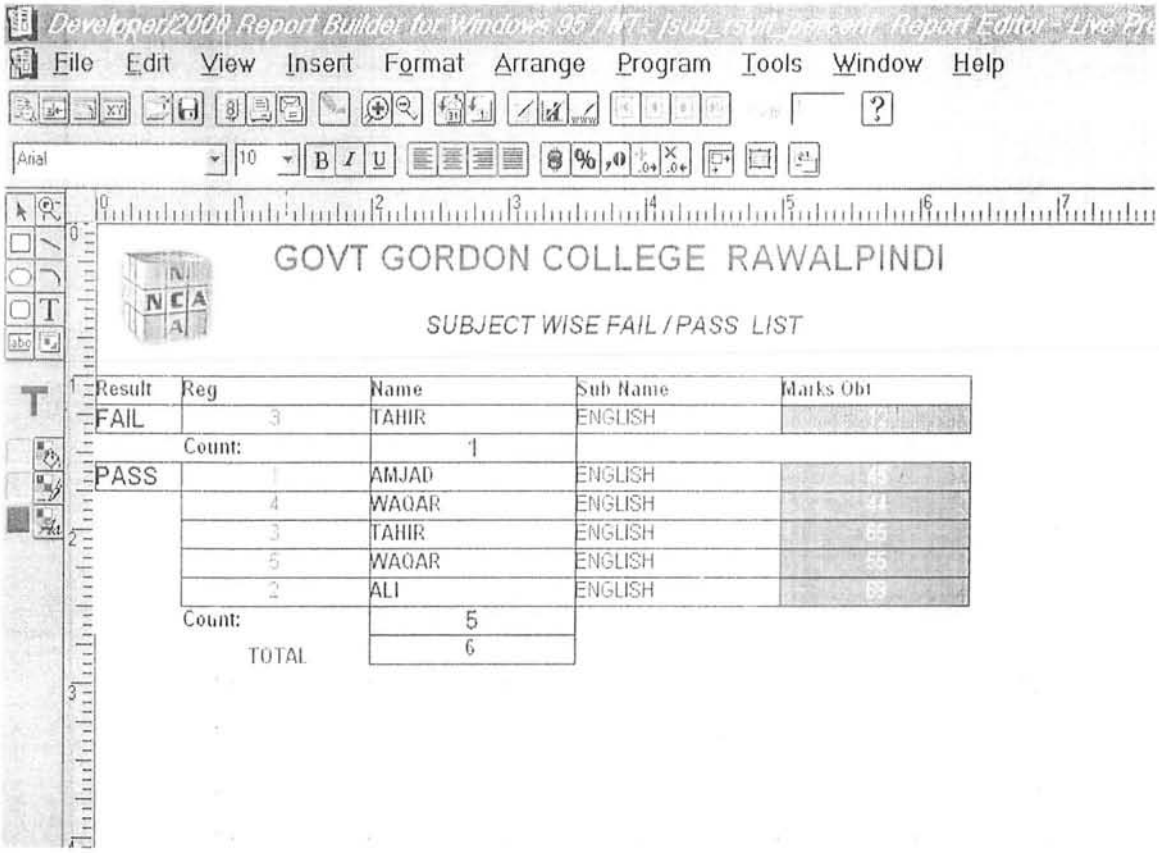

Developer/2000 Report Builder for Windows 95 / NT - [ADMITTED STUDENTS Report Editor Live Previewer]
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
GOVT GORDON COLLEGE RAWALPINDI
LIST OF 3rd YEAR ADMITTED STUDENTS
Report run on: September 10, 2003 9:44 AM
Gid 1
Category OPEN MERIT
SR No DY No Form No Name
1 45 745 WAQAR
2 6 6677 BABAR
3 46 43 HASAN
4 14 44 AHAMAD
5 16 444 TAHIR
6 10 655 MAJEED
7 34 35 MUNEEB
Count 7
Count 7
Count 7
Start
P03 - Microsoft...
Developer/2...
9:44 AM


Developer/2000 Report Builder for Windows 95 / NT - [Merit2b: Report Editor - Live Previewer]
File Edit View Insert Format Arrange Program Tools Window Help
Arial
10
GOVT GORDON COLLEGE RAWALPINDI
SECOND MERIT LIST FOR THIRD YEAR
OWN STUDENTS
SR No | Grd | CATEGORY | D_SR_NO | NAME | FA Marks | College Id
1 | | OPEN MERIT | 43 | FAREED | 435 | 1
2 | 1 | OPEN MERIT | 15 | FAREED | 356 | 1
3 | 1 | OPEN MERIT | 7 | GUL | 345 | 1
Start
P33 - Microsoft...
Developer/2...
9:59 AM


Developer/2000 Report Builder for Windows 95 / NT - [MERIT_OTHER_CLG Report Editor - Live Previewer]
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
GOVT GORDON COLLEGE RAWALPINDI
MERIT LIST FOR THIRD YEAR
STUDENTS OF OTHER COLLEGES
SR No | Gid | CATEGORY | D_SR_NO | NAME | FA Mark | College Id
1 | 1 | OPEN MERIT | 6 | BABAR | 780 | 3
2 | 1 | OPEN MERIT | 14 | AHAMAD | 666 | 2
3 | 1 | OPEN MERIT | 13 | KAMAL | 475 | 3
4 | 1 | OPEN MERIT | 19 | RASHID | 467 | 3
1x 3.75 1.63
Start Developer/2... P33 - Microsoft... 10:13 AM


Live Previewer
Data Model
Layout Model
Parameter Form
Report Triggers
Program Units
Attached Libraries
ELEC_SUB2_COUNTBA
Templates
External SQL Queries
PL/SQL Libraries
Debug Actions
Stack
Built-in Packages
Database Objects
Report Parameters
Enter values for the parameters
Sub
APP_PSYCHOLOGY
ARABIC
HISTORY
MATH B
POL_SCIENCE
STAT
ZOOLOGY
Developer/2000 Report Builder for Windows 95 / NT - [ELEC_SUB2_COUNTBA Report Editor - Live Previewer]
File Edit View Insert Format Arrange Program Tools Window Help
Courier New
GOVT GORDON COLLEGE RAWALPINDI
STRENGTH OF STUDENTS WHO SELECTED THE SUBJECT AS ELECTIVE SUBJECT NO 2
Report run on: September 10, 2003 10:17 AM
Sub Name
MATH B
Count
2
1.81
1.94
Start
Developer/2...
P&S - Microsoft...
10:18 AM


Developer/2000 Report Builder for Windows 95 / NT
File Edit View Help
Object Navigator
SUB_RSULT_PERCENT
Find
Reports
SUB_RSULT_PERCENT
Live Previewer
Data Model
Layout Model
Parameter Form
Report Triggers
Program Units
Attached Libraries
Templates
External SQL Queries
PL/SQL Libraries
Debug Actions
Stack
Built-in Packages
Database Objects
sub_rsult_percent Runtime Para
Report Parameters
Enter values for the parameters
Class
Exam
Subject
Section Id

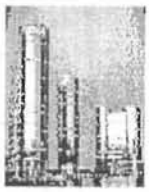

Developer/2000 Report Builder for Windows 95 / NT - [sub_rsult_percent Report Editor - Live Pr
File Edit View Insert Format Arrange Program Tools Window Help
Arial
10
GOVT GORDON COLLEGE RAWALPINDI
SUBJECT WISE FAIL / PASS LIST
Result Reg Name Sub Name Marks Obt
FAIL 3 TAHIR ENGLISH
Count: 1
PASS 1 AMJAD ENGLISH
4 WAQAR ENGLISH
3 TAHIR ENGLISH
5 WAQAR ENGLISH
2 ALI ENGLISH
Count: 5
TOTAL 6

Developer/2000 Report Builder for Windows 95 / NT - [New_rep1: Report Editor - Liv...

File Edit View Insert Format Arrange Program Tools Window Help

Save

Arial 10 B I U



GOVT GORDON COLLEGE RAWALPINDI

SECTION WISE RESULT COMPARISON

Report run on. January 26, 1989 5:00 AM

SECTION ID1

Result	FAIL	PASS	
Sub Name	STRENGTH	STRENGTH	
BIOLOGY	2	3	5
CHEMISTRY	2	4	6
ENGLISH	2	5	7
ENGLISH A	0	2	2
GEN. MATH	0	1	1
ISLAMIC STUDIES	0	4	4
PAK STUDIES	0	1	1
PHYSICS	0	5	5
PSYCHOLOGY	0	1	1
URDU	0	4	4
	6	30	36

Saves the active document

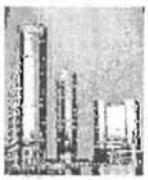
Start Document1 -... Developer/2... 5:00 AM

Developer/2000 Report Builder for Windows 95 / NT - [New_rep2: Report Editor - Liv...

File Edit View Insert Format Arrange Program Tools Window Help

Page: 1

Arial 10 B I U



GOVT GORDON COLLEGE RAWALPINDI

GROUP WISE RESULT COMPARISON

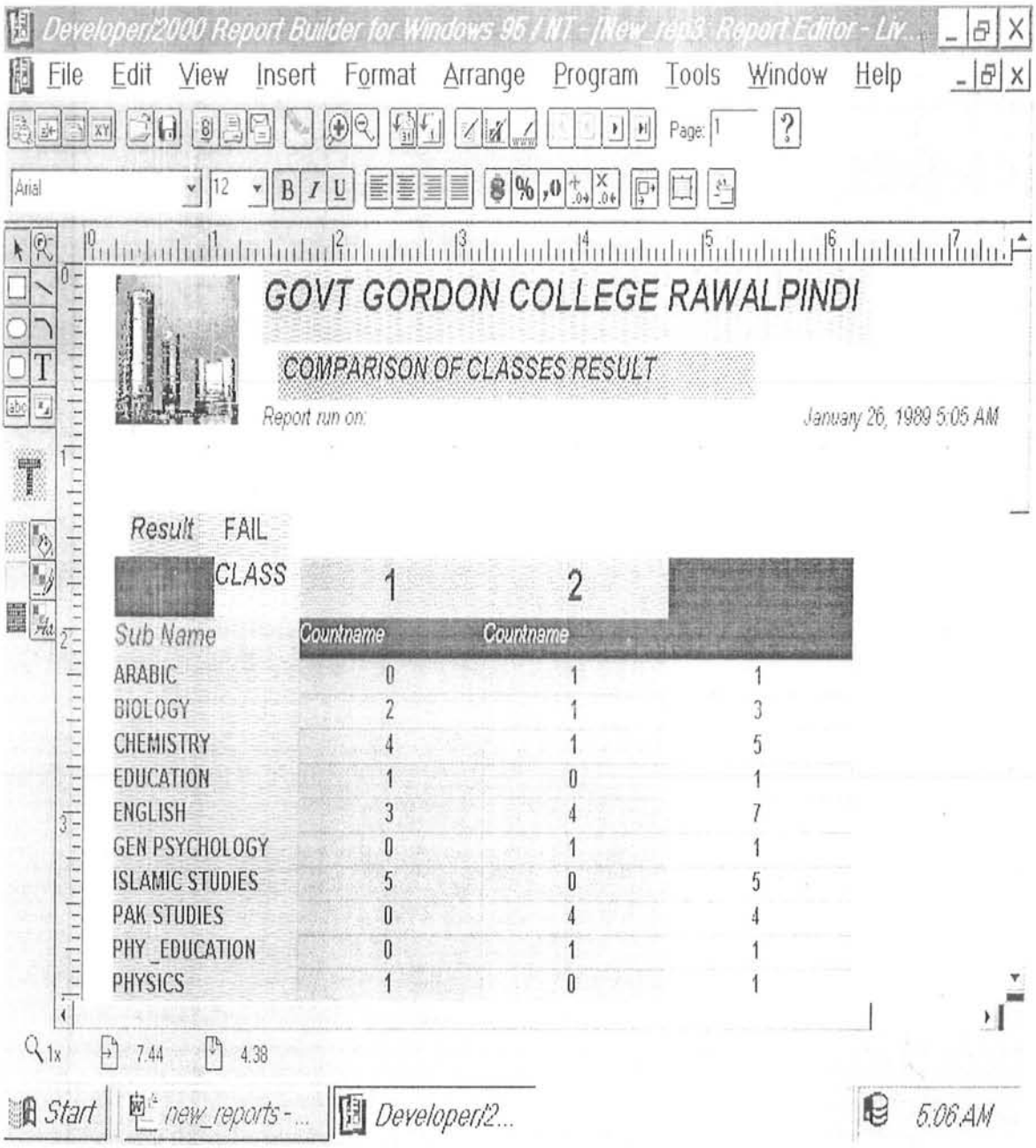
Report run on: January 26, 1989 5:03 AM

Gid 1

Result	FAIL	PASS	
Sub Name	Countname	Countname	
BIOLOGY	2	3	5
CHEMISTRY	2	4	6
ENGLISH	2	5	7
ENGLISH A	0	2	2
GEN. MATH	0	1	1
ISLAMIC STUDIES	0	4	4
PAK STUDIES	0	1	1
PHYSICS	0	5	5
PSYCHOLOGY	0	1	1
URDU	0	4	4

1x 7.25 0.88

Start new_reports - ... Developer/2... 5:03 AM


Developer/2000 Report Builder for Windows 95 / NT - [New_rep3: Report Editor - Liv...
File Edit View Insert Format Arrange Program Tools Window Help
Page: 1
Arial 12 B I U
GOVT GORDON COLLEGE RAWALPINDI
COMPARISON OF CLASSES RESULT
Report run on: January 26, 1989 5:05 AM
Result FAIL
CLASS 1 2
Sub Name Countname Countname
ARABIC 0 1 1
BIOLOGY 2 1 3
CHEMISTRY 4 1 5
EDUCATION 1 0 1
ENGLISH 3 4 7
GEN PSYCHOLOGY 0 1 1
ISLAMIC STUDIES 5 0 5
PAK STUDIES 0 4 4
PHY_EDUCATION 0 1 1
PHYSICS 1 0 1
1x 7.44 4.38
Start new_reports - ... Developer/2... 5:06 AM

Developer/2000 Report Builder for Windows 95 / NT - [New_rep4: Report Editor - Liv...

File Edit View Insert Format Arrange Program Tools Window Help

Arial 12 B I U

GOVT GORDON COLLEGE RAWALPINDI

COMPARISON OF CLASSES RESULT

Report run on: January 26, 1989 5:07 AM

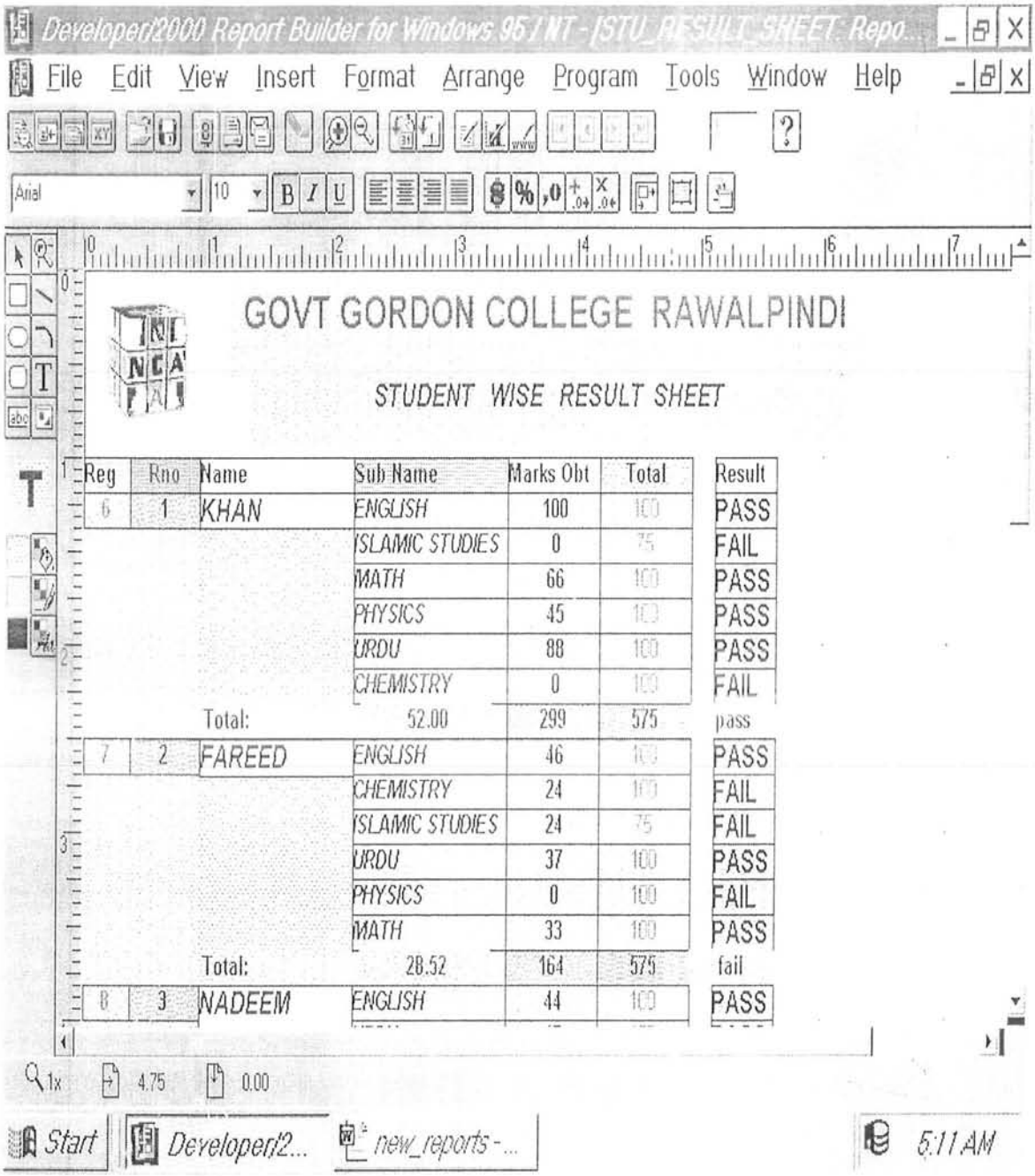
AVERAGE MARKS OBTAINED COMPARISON

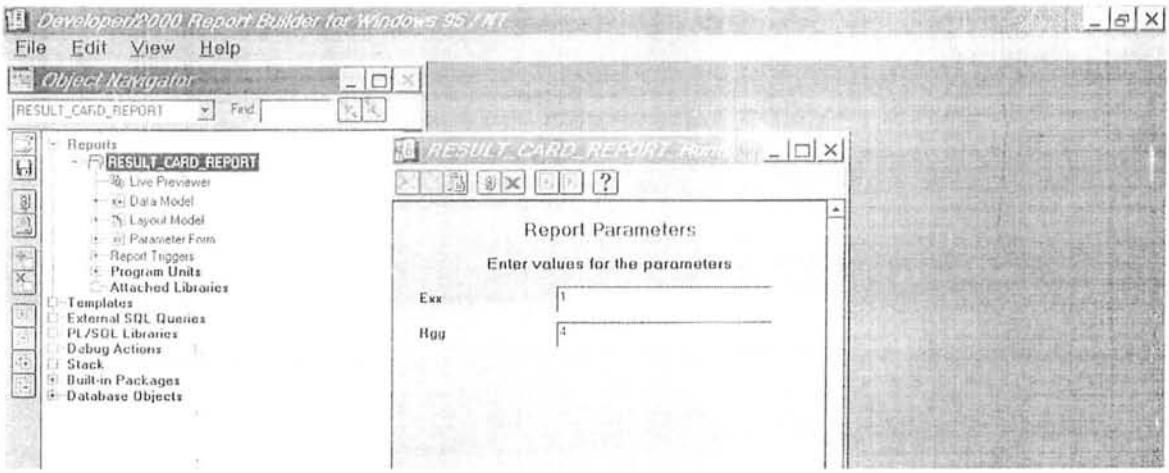
Result FAIL

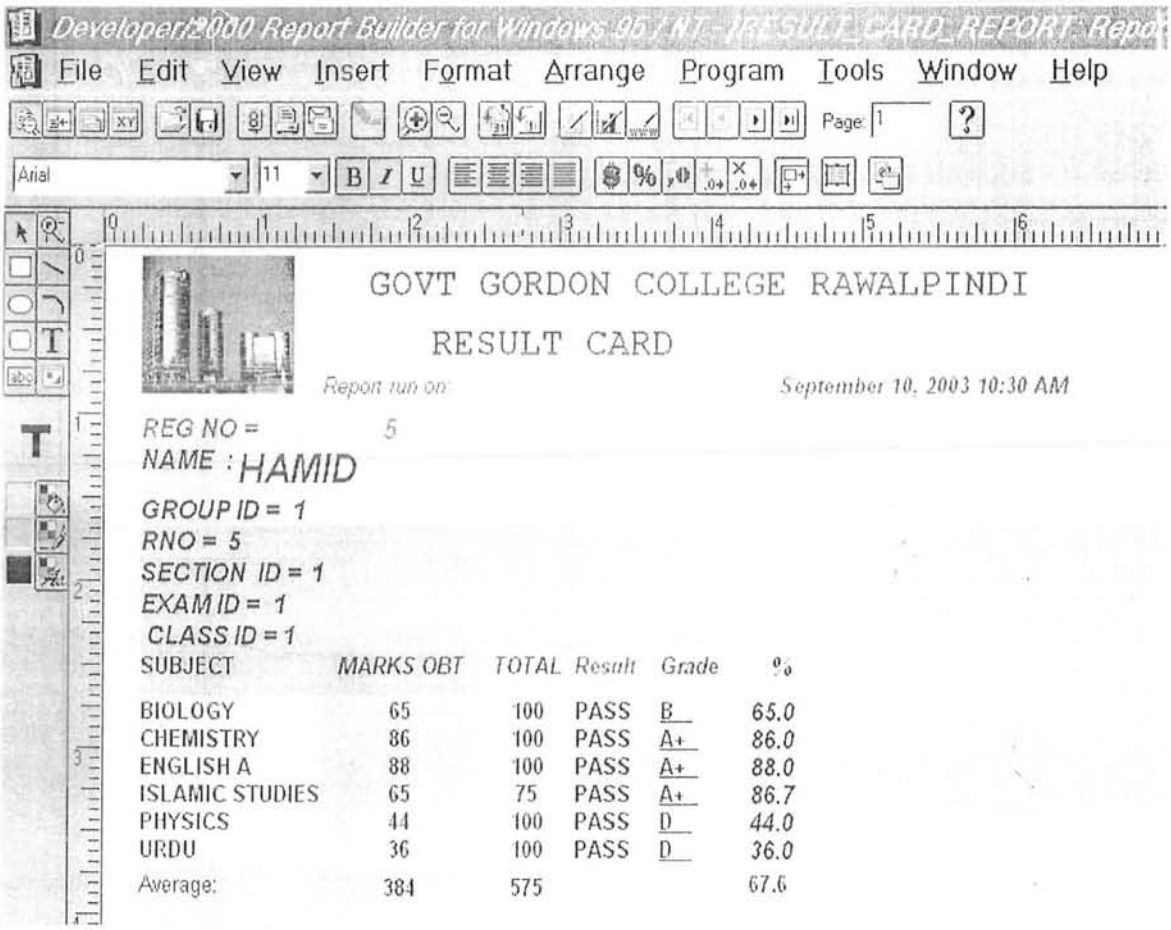
CLASS	1	2
Sub Name	AVERAGE MARKS OBTAINED	AVERAGE MARKS OBTAINED
ARABIC	0.0	0.0
BIOLOGY	11.0	1.0
CHEMISTRY	14.3	22.0
EDUCATION	29.0	0.0
ENGLISH	28.0	7.0
GEN PSYCHOLOGY	0.0	32.0
ISLAMIC STUDIES	11.8	0.0
PAK STUDIES	0.0	9.0
PHY. EDUCATION	0.0	0.0

1x 0.38 0.75

Start new_reports -... Developer/2... 5:08 AM


Developer/2000 Report Builder for Windows 95 / NT - [STU_RESULT_SHEET Repo...
File Edit View Insert Format Arrange Program Tools Window Help
Arial
10
GOVT GORDON COLLEGE RAWALPINDI
STUDENT WISE RESULT SHEET
Reg | Rno | Name | Sub Name | Marks Obt | Total | Result
6 | 1 | KHAN | ENGLISH | 100 | 100 | PASS
ISLAMIC STUDIES | 0 | 75 | FAIL
MATH | 66 | 100 | PASS
PHYSICS | 45 | 100 | PASS
URDU | 88 | 100 | PASS
CHEMISTRY | 0 | 100 | FAIL
Total: | 52.00 | 299 | 575 | pass
7 | 2 | FAREED | ENGLISH | 46 | 100 | PASS
CHEMISTRY | 24 | 100 | FAIL
ISLAMIC STUDIES | 24 | 75 | FAIL
URDU | 37 | 100 | PASS
PHYSICS | 0 | 100 | FAIL
MATH | 33 | 100 | PASS
Total: | 28.52 | 164 | 575 | fail
8 | 3 | NADEEM | ENGLISH | 44 | 100 | PASS
1x
4.75
0.00
Start
Developer/2...
new_reports - ...
5:11 AM





GOVT GORDON COLLEGE RAWALPINDI

RESULT CARD

Report run on: *September 10, 2003 10:30 AM*

REG NO = 5

NAME : HAMID

GROUP ID = 1

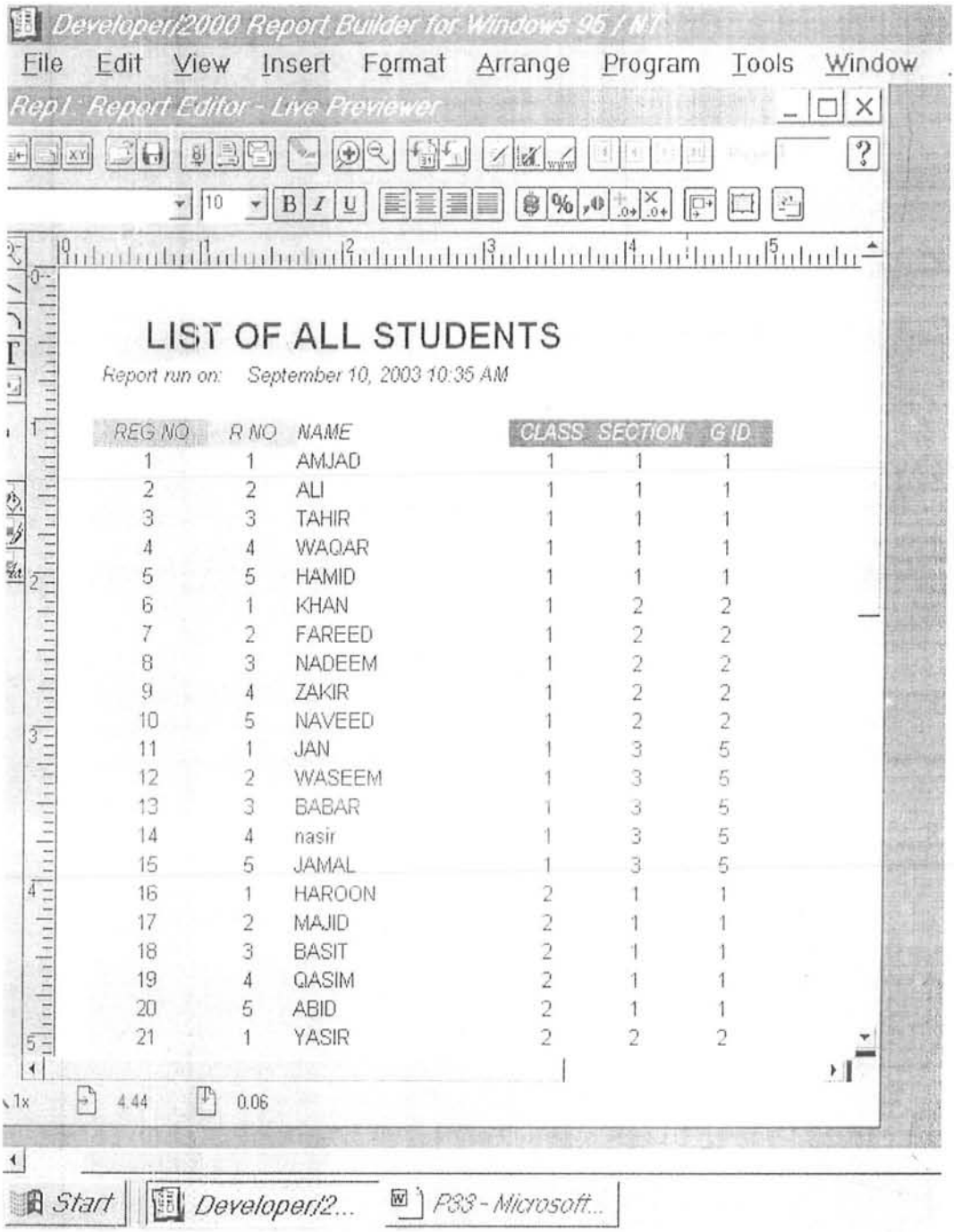
RNO = 5

SECTION ID = 1

EXAM ID = 1

CLASS ID = 1

SUBJECT	MARKS OBT	TOTAL	Result	Grade	%
BIOLOGY	65	100	PASS	B	65.0
CHEMISTRY	86	100	PASS	A+	86.0
ENGLISH A	88	100	PASS	A+	88.0
ISLAMIC STUDIES	65	75	PASS	A+	86.7
PHYSICS	44	100	PASS	D	44.0
URDU	36	100	PASS	D	36.0
Average:	384	575			67.6


Developer/2000 Report Builder for Windows 95 / NT
File Edit View Insert Format Arrange Program Tools Window
Rep1 : Report Editor - Live Previewer
LIST OF ALL STUDENTS
Report run on: September 10, 2003 10:35 AM
REG NO R NO NAME CLASS SECTION G ID
1 1 AMJAD 1 1 1
2 2 ALI 1 1 1
3 3 TAHIR 1 1 1
4 4 WAQAR 1 1 1
5 5 HAMID 1 1 1
6 1 KHAN 1 2 2
7 2 FAREED 1 2 2
8 3 NADEEM 1 2 2
9 4 ZAKIR 1 2 2
10 5 NAVEED 1 2 2
11 1 JAN 1 3 5
12 2 WASEEM 1 3 5
13 3 BABAR 1 3 5
14 4 nasir 1 3 5
15 5 JAMAL 1 3 5
16 1 HAROON 2 1 1
17 2 MAJID 2 1 1
18 3 BASIT 2 1 1
19 4 QASIM 2 1 1
20 5 ABID 2 1 1
21 1 YASIR 2 2 2
1x 4.44 0.06
Start Developer/2... P83 - Microsoft...

USER GUIDE

1. Folder "1styearadm" which has all the forms and repots must be saved in My Documents in C drive.
2. At the end of every session all entries in the following tables must be deleted.
   A) 'Student'
   B) 'Marks'
   C) 'Form'
   D) 'Bform'
3. At the start of new session , for examination system, fresh data entry in table 'Student' through student data entry form must be made.
4. Operating must be Window 98.
5. Oracle 7 with Developer 2000, Form 5 must be installed in the system.
6. To run the system:
   Click 'Form Runtime' icon. Browse the '1styearadm' folder in My Documents in drive C. Select the "A_Project" file. Give the user name 'sun' and password '.....'. Click OK.

BIBLIOGRAPHY

1. "THE PROGRAMMING LANGUAGE OF ORACLE", BY IVAN BAYROSS , BPB PUBLICATIONS.

2. "COMMERCIAL APPLICATION DEVELOPMENT USING ORACLE DEVELOPER 2000" , BY IVAN BAYROSS , BPB PUBLICATIONS.

3. "DEVELOPER 2000 (VER 2.1)" , BY EJAZ AHMAD , ILMO-O-IRFAN PUBLISHERS.

4. "SOFTWARE ENGINEERING" , BY SOMMERVILLE , 6TH EDITON.