INFORMATION TECHNOLOGY: PAPER I

INSTRUCTIONS TO TEACHERS AND CHIEF INVIGILATORS

TO THE TEACHER RESPONSIBLE FOR CANDIDATES OFFERING THE INFORMATION TECHNOLOGY PRACTICAL EXAMINATION

INSTRUCTIONS CONCERNING DATA FILES SUPPLIED IN THE IEB ELECTRONIC POSTBOX: ASSESSMENT MATERIAL

You have been supplied with files in the IEB Electronic Postbox. It is the responsibility of the Information Technology teacher to check **two days before the examination** that they can open the files and that the files can be read by the relevant applications. Printouts of the files are given, starting on page 4 of this document. The details of the files are as follows:

Files for learners: please consult the folders in the IEB Electronic Postbox. These are the important files only.

Section A:
CGISoft_Access.mdb
CGISoft_JavaDB.sql
CGISoft_MySQL.sql
SQLAnswerSheet.rtf
SQLBrowser.exe

Section B:
Accounts.txt
Requests.txt

If you have any problems with accessing the files in the IEB Electronic Postbox, please notify the IEB immediately.

Individual copies of these files will be required by each candidate writing the Information Technology Practical Examination (Paper I). Please copy the relevant files onto the disk space that will be used exclusively by each candidate.

Confidentiality is of the utmost importance. Under no circumstances should candidates have access to these files before the examination.

After the examination:

1.   A backup of each candidate's work must also be made and kept at the school on suitable storage media until 28 February 2026, when the re-marking process will have been completed.

2.   The candidates must print a code listing of all the programs/classes they have coded. They will be given half an hour to print after the examination has been completed. These printouts must be placed in the electronic bag the question papers were delivered in.

Submission of the Practical Examinations for marking

The Information Technology: Paper I (Practical Examination) is scheduled for Thursday, 30 October 2025, from 9:00 to 12:00. On completion of the examination:

1.   It is the IT teachers' responsibility to ensure that all the candidates' work is printed out as a hard copy in the presence of the Chief Invigilator.

2.   One hard copy of each candidate's practical examination, labelled with the examination number barcoded sticker provided by the IEB, must be sent to the IEB in the electronic bag.

3.   A backup of each candidate's work must also be made and kept at the school on relevant storage media until 28 February 2026 when the re-marking process will have been completed.

4.   The hard copy of each candidate's practical examination must be locked in the electronic examinations bag by no later than 17:00 on Thursday, 30 October 2025.

5.   **A completed and signed copy of the attached PRACTICAL EXAMINATION DECLARATION IN GRADE 12, 2025 is to be included in the electronic bag.**

6.   The electronic examinations bag with the learner printouts needs to be returned to the IEB in the next delivery.

7.   Please note that **no CDs will be provided by the IEB** for the candidates' work, as only the hard copy printout of each candidate's work with the examination barcoded sticker needs to be submitted to the IEB.

LETTER FROM THE HIGH SCHOOL HEAD AND IT TEACHER(S)

Attachment to Circular no.112/2025

Name of School	
Centre Number	
Completed by	
Designation	

The IEB
P O Box 875
Highlands North
2037

Dear IEB

RE: PRACTICAL EXAMINATION DECLARATION IN GRADE 12, 2025

INFORMATION TECHNOLOGY (IT)

We certify that we have ensured that:	Cross your response	
All the work in each candidate's hard copy has been printed from the examination location without any modification whatsoever.	YES	NO
All the work in the printed hardcopy is the work of that candidate only.	YES	NO
One hard copy of each candidate's practical examination, labelled with the examination number barcode sticker, has been sent to the IEB.	YES	NO
NO CANDIDATE HAD ACCESS TO THE INTERNET DURING THE EXAMINATION.	**YES**	**NO**
No help or assistance at all was given to or allowed to be given to any candidate other than that of a technical nature – either a computer malfunction or a power failure.	YES	NO
A comprehensive incident report describing the computer malfunction and/or the power failure has been sent to the IEB.	YES	NO
A copy of each candidate's work has been saved on the school system and will be kept at the school on relevant storage media until 28 February 2026 when the re-marking process will have been completed.	YES	NO

_____
IT TEACHER(S)

_____
HEAD OF SCHOOL

_____
DATE

_____
DATE

FILES FOR LEARNERS

The following pages contain the hard-copy printouts of the data supplied to each of the candidates.

SECTION A

CGISoft_Access.mdb

tblClients Table
Data may be formatted differently on your computer depending on its settings.

ClientID	ClientName	CellNo	Province	Loyalty
1	Khumo Khumalo	083-269-2524	Free State	2
2	Robin Mussett	082-745-7071	Gauteng	2
3	Arya Govender	066-160-2471	Eastern Cape	2
4	Thandiwe Hlophe	066-080-1487	Northern Cape	1
5	Deepak Singh	066-124-2349	Limpopo	1
6	Indra Ganguly	066-126-8930	Mpumalanga	1
7	Eric Sambaza	066-321-5923	Eastern Cape	1
8	Min Bai	083-607-6255	KwaZulu Natal	2
9	Mark Cimato	067-249-4979	Free State	1
10	Kobus Nel	087-880-9343	Northern Cape	2
11	James Harrison	087-295-4372	KwaZulu Natal	3
12	Ming Hu	066-287-7345	Limpopo	1
13	Mira Naidoo	086-384-0372	Gauteng	2
14	Vusi Gwala	087-329-5285	Northern Cape	1
15	Sihle Gule	086-307-7004	Gauteng	3
16	Jing Guo	083-822-9876	Eastern Cape	2
17	Qian Wang	082-449-7682	North West	2
18	Cheryl Smith	082-567-1384	Free State	2
19	Xiaosheng Li	087-824-4018	Northern Cape	2
20	Suhana Pillay	067-532-4194	Gauteng	1
21	Nomalanga Dlamini	087-382-5934	North West	3
22	Chun Dong	086-577-5663	KwaZulu Natal	1
23	Jarryd Edwards	083-559-6234	KwaZulu Natal	1
24	Samu Mthembu	083-636-3027	Mpumalanga	1
25	Charlize Prinsloo	067-976-5978	KwaZulu Natal	2
26	Angelique De Carvalho	082-197-2179	Gauteng	3
27	Zodwa Lukehele	086-981-4836	Gauteng	3
28	Aryan Patel	086-518-3253	KwaZulu Natal	1

tblProducts Table

Data may be formatted differently on your computer depending on its settings.

ProdID	ProdName	Category	Fee	Version
1	Video Magic	Video Editor	500	12
2	Video Magic Premium	Video Editor	615	13
3	Special Effects	Video Editor	325	15
4	Special Effects Premium	Video Editor	452	16
5	CGI Web Design	Web Editor	325	7
6	CGI Publications	Design & Publication	125	6
7	CGI Publications Deluxe	Design & Publication	153	7
8	Scalar Images	Image Editor	350	11
9	Scalar Images Premium	Image Editor	406	12
10	Super Notes	Design & Publication	150	18
11	Photo Perfect	Image Editor	375	22
12	Photo Perfect Deluxe	Image Editor	416	23
13	Bitmap Graphics	Image Editor	150	3
14	Bitmap Graphics Deluxe	Image Editor	191	4

tblSales Table

Data may be formatted differently on your computer depending on its settings.

ProdID	ClientID	License	SaleDate
14	1	7646980	2024/09/19
4	2	2907254	2022/08/18
8	3	2386250	2023/07/09
14	4	1871512	2024/11/10
2	5	6714630	2022/01/10
3	6	7211144	2022/05/21
8	6	8157626	2023/07/10
5	11	6334116	2022/09/03
7	14	1133452	2023/01/27
11	14	5211395	2024/05/17
12	14	9848551	2024/05/26
3	15	7085762	2022/05/27
9	16	4323636	2023/08/11
3	17	8477108	2022/08/02
6	17	4194441	2022/09/19
13	17	4398266	2024/07/20
2	18	2316437	2022/04/18
5	19	6643945	2022/08/20
8	19	6000280	2023/07/21
11	19	3837789	2024/01/16
7	20	7327600	2023/03/01
10	20	4975836	2023/11/15
6	21	1680508	2022/10/06
6	22	3794404	2023/01/13
14	22	7223099	2024/11/08
7	25	3860137	2023/07/05
11	25	6789288	2024/04/03

CGISoft_JavaDB.sql

```sql
CREATE TABLE tblProducts (
ProdID INTEGER NOT NULL PRIMARY KEY
GENERATED ALWAYS AS IDENTITY
(START WITH 1, INCREMENT BY 1),
ProdName VARCHAR(60),
Category VARCHAR(60),
Fee INTEGER,
Version INTEGER
);

CREATE TABLE tblClients (
ClientID INTEGER NOT NULL PRIMARY KEY
GENERATED ALWAYS AS IDENTITY
(START WITH 1, INCREMENT BY 1),
ClientName VARCHAR(60),
CellNo VARCHAR(60),
Province VARCHAR(60),
Loyalty INTEGER
);

CREATE TABLE tblSales (
ProdID INTEGER NOT NULL,
ClientID INTEGER NOT NULL,
License BIGINT,
SaleDate Date,
PRIMARY KEY (ProdID, ClientID)
);

INSERT INTO tblProducts (ProdName,Category,Fee,Version)
VALUES
('Video Magic','Video Editor',500,12),
('Video Magic Premium','Video Editor',615,13),
('Special Effects','Video Editor',325,15),
('Special Effects Premium','Video Editor',452,16),
('CGI Web Design','Web Editor',325,7),
('CGI Publications','Design & Publication',125,6),
('CGI Publications Deluxe','Design & Publication',153,7),
('Scalar Images','Image Editor',350,11),
('Scalar Images Premium','Image Editor',406,12),
('Super Notes','Design & Publication',150,18),
('Photo Perfect','Image Editor',375,22),
('Photo Perfect Deluxe','Image Editor',416,23),
('Bitmap Graphics','Image Editor',150,3),
('Bitmap Graphics Deluxe','Image Editor',191,4);
```

```sql
INSERT INTO tblClients(ClientName,CellNo,Province,Loyalty)
VALUES
('Khumo Khumalo','083-269-2524','Free State',2),
('Robin Mussett','082-745-7071','Gauteng',2),
('Arya Govender','066-160-2471','Eastern Cape',2),
('Thandiwe Hlophe','066-080-1487','Northern Cape',1),
('Deepak Singh','066-124-2349','Limpopo',1),
('Indra Ganguly','066-126-8930','Mpumalanga',1),
('Eric Sambaza','066-321-5923','Eastern Cape',1),
('Min Bai','083-607-6255','KwaZulu Natal',2),
('Mark Cimato','067-249-4979','Free State',1),
('Kobus Nel','087-880-9343','Northern Cape',2),
('James Harrison','087-295-4372','KwaZulu Natal',3),
('Ming Hu','066-287-7345','Limpopo',1),
('Mira Naidoo','086-384-0372','Gauteng',2),
('Vusi Gwala','087-329-5285','Northern Cape',1),
('Sihle Gule','086-307-7004','Gauteng',3),
('Jing Guo','083-822-9876','Eastern Cape',2),
('Qian Wang','082-449-7682','North West',2),
('Cheryl Smith','082-567-1384','Free State',2),
('Xiaosheng Li','087-824-4018','Northern Cape',2),
('Suhana Pillay','067-532-4194','Gauteng',1),
('Nomalanga Dlamini','087-382-5934','North West',3),
('Chun Dong','086-577-5663','KwaZulu Natal',1),
('Jarryd Edwards','083-559-6234','KwaZulu Natal',1),
('Samu Mthembu','083-636-3027','Mpumalanga',1),
('Charlize Prinsloo','067-976-5978','KwaZulu Natal',2),
('Angelique De Carvalho','082-197-2179','Gauteng',3),
('Zodwa Lukehele','086-981-4836','Gauteng',3),
('Aryan Patel','086-518-3253','KwaZulu Natal',1);


INSERT INTO tblSales(ProdID, ClientID, License, SaleDate)
VALUES
(14,1,7646980,'2024-09-19'),
(4,2,2907254,'2022-08-18'),
(8,3,2386250,'2023-07-09'),
(14,4,1871512,'2024-11-10'),
(2,5,6714630,'2022-01-10'),
(3,6,7211144,'2022-05-21'),
(8,6,8157626,'2023-07-10'),
(5,11,6334116,'2022-09-03'),
(7,14,1133452,'2023-01-27'),
(11,14,5211395,'2024-05-17'),
(12,14,9848551,'2024-05-26'),
(3,15,7085762,'2022-05-27'),
(9,16,4323636,'2023-08-11'),
(3,17,8477108,'2022-08-02'),
(6,17,4194441,'2022-09-19'),
(13,17,4398266,'2024-07-20'),
(2,18,2316437,'2022-04-18'),
```

```
(5,19,6643945,'2022-08-20'),
(8,19,6000280,'2023-07-21'),
(11,19,3837789,'2024-01-16'),
(7,20,7327600,'2023-03-01'),
(10,20,4975836,'2023-11-15'),
(6,21,1680508,'2022-10-06'),
(6,22,3794404,'2023-01-13'),
(14,22,7223099,'2024-11-08'),
(7,25,3860137,'2023-07-05'),
(11,25,6789288,'2024-04-03');
```

CGISoft_MySQL.sql

```sql
CREATE TABLE tblProducts (
ProdID INT PRIMARY KEY AUTO_INCREMENT,
ProdName VARCHAR(60),
Category VARCHAR(60),
FEE INT,
Version INT
);

CREATE TABLE tblClients (
ClientID INT PRIMARY KEY AUTO_INCREMENT,
ClientName VARCHAR(60),
CellNo VARCHAR(60),
Province VARCHAR(60),
Loyalty INT
);

CREATE TABLE tblSales (
ProdID INT NOT NULL,
ClientID INT NOT NULL,
License VARCHAR(60),
SaleDate Date,
PRIMARY KEY (ProdID, ClientID)
);

INSERT INTO tblProducts (ProdID,ProdName,Category,Fee,Version)
VALUES
(1,'Video Magic','Video Editor',500,12),
(2,'Video Magic Premium','Video Editor',615,13),
(3,'Special Effects','Video Editor',325,15),
(4,'Special Effects Premium','Video Editor',452,16),
(5,'CGI Web Design','Web Editor',325,7),
(6,'CGI Publications','Design & Publication',125,6),
(7,'CGI Publications Deluxe','Design & Publication',153,7),
(8,'Scalar Images','Image Editor',350,11),
(9,'Scalar Images Premium','Image Editor',406,12),
(10,'Super Notes','Design & Publication',150,18),
(11,'Photo Perfect','Image Editor',375,22),
(12,'Photo Perfect Deluxe','Image Editor',416,23),
(13,'Bitmap Graphics','Image Editor',150,3),
(14,'Bitmap Graphics Deluxe','Image Editor',191,4);
```

```sql
INSERT INTO
tblClients(ClientID,ClientName,CellNo,Province,Loyalty)
VALUES
(1,'Khumo Khumalo','083-269-2524','Free State',2),
(2,'Robin Mussett','082-745-7071','Gauteng',2),
(3,'Arya Govender','066-160-2471','Eastern Cape',2),
(4,'Thandiwe Hlophe','066-080-1487','Northern Cape',1),
(5,'Deepak Singh','066-124-2349','Limpopo',1),
(6,'Indra Ganguly','066-126-8930','Mpumalanga',1),
(7,'Eric Sambaza','066-321-5923','Eastern Cape',1),
(8,'Min Bai','083-607-6255','KwaZulu Natal',2),
(9,'Mark Cimato','067-249-4979','Free State',1),
(10,'Kobus Nel','087-880-9343','Northern Cape',2),
(11,'James Harrison','087-295-4372','KwaZulu Natal',3),
(12,'Ming Hu','066-287-7345','Limpopo',1),
(13,'Mira Naidoo','086-384-0372','Gauteng',2),
(14,'Vusi Gwala','087-329-5285','Northern Cape',1),
(15,'Sihle Gule','086-307-7004','Gauteng',3),
(16,'Jing Guo','083-822-9876','Eastern Cape',2),
(17,'Qian Wang','082-449-7682','North West',2),
(18,'Cheryl Smith','082-567-1384','Free State',2),
(19,'Xiaosheng Li','087-824-4018','Northern Cape',2),
(20,'Suhana Pillay','067-532-4194','Gauteng',1),
(21,'Nomalanga Dlamini','087-382-5934','North West',3),
(22,'Chun Dong','086-577-5663','KwaZulu Natal',1),
(23,'Jarryd Edwards','083-559-6234','KwaZulu Natal',1),
(24,'Samu Mthembu','083-636-3027','Mpumalanga',1),
(25,'Charlize Prinsloo','067-976-5978','KwaZulu Natal',2),
(26,'Angelique De Carvalho','082-197-2179','Gauteng',3),
(27,'Zodwa Lukehele','086-981-4836','Gauteng',3),
(28,'Aryan Patel','086-518-3253','KwaZulu Natal',1);
```

```
INSERT INTO tblSales(ProdID, ClientID, License, SaleDate)
VALUES
(14,1,'7646980','2024/09/19'),
(4,2,'2907254','2022/08/18'),
(8,3,'2386250','2023/07/09'),
(14,4,'1871512','2024/11/10'),
(2,5,'6714630','2022/01/10'),
(3,6,'7211144','2022/05/21'),
(8,6,'8157626','2023/07/10'),
(5,11,'6334116','2022/09/03'),
(7,14,'1133452','2023/01/27'),
(11,14,'5211395','2024/05/17'),
(12,14,'9848551','2024/05/26'),
(3,15,'7085762','2022/05/27'),
(9,16,'4323636','2023/08/11'),
(3,17,'8477108','2022/08/02'),
(6,17,'4194441','2022/09/19'),
(13,17,'4398266','2024/07/20'),
(2,18,'2316437','2022/04/18'),
(5,19,'6643945','2022/08/20'),
(8,19,'6000280','2023/07/21'),
(11,19,'3837789','2024/01/16'),
(7,20,'7327600','2023/03/01'),
(10,20,'4975836','2023/11/15'),
(6,21,'1680508','2022/10/06'),
(6,22,'3794404','2023/01/13'),
(14,22,'7223099','2024/11/08'),
(7,25,'3860137','2023/07/05'),
(11,25,'6789288','2024/04/03');
```

SECTION B

Accounts.txt
Xiaoyuan Hu#hu.x@gmail.com#14 07 2025#307767#1
Digital Animatronics#procurement@diganim.com#23 02 2025#480690#4
Capital Pictures#cgi@capital.co.za#24 09 2024#991127#3
Thabisela Mthembu#thabisela@mthembu.co.za#15 06 2025
uMhlangu Holdings#enockm@umhlanguholdings.co.za#07 11
2024#884889#5
Tsiamo Kamangu#Kamangu123@gmail.com#21 02 2025
John Prentice#drifter91120@yahoo.com#11 10 2024#734057#2
Blue Sky Movies#bsm@bsm.co.za#11 04 2025#300994#3
Simon Govender#govender.s@safari.co.za#28 08 2024
Madelyyn Smythe#smythem@upe.ac.za#12 07 2025
Sizwe Ntini#sizwe1@gmail.com#10 07 2025#768576#1

Requests.txt
1#Blue Sky Movies#F5:AE:8A:85:3A:C6
0#Blue Sky Movies#F5:AE:8A:85:3A:C6
0#Madelyyn Smythe
1#Blue Sky Movies#D5:1F:2B:8B:79:3C
0#Sizwe Ntini#56:E8:73:23:C8:37
0#Blue Sky Movies#FC:F1:5B:40:6B:DC
1#Blue Sky Movies#A6:5F:88:79:C7:88
0#Simon Govender
1#Simon Govender
1#Capital Pictures#08:26:1B:5D:6B:47
1#Blue Sky Movies#FC:F1:5B:40:6B:DC