

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE 1st ANNUAL EXAMINATION, 2026

Name of Subject: CSCGroup: Ist

Q. Nos	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer
	4831		4833		4835		4837	
1	B	logically	C	Data Flow	B	relation	B	4
2	D	View	B	Relation	A	molb	B	Logically
3	C	Data Flow	A	molb	B	4	D	View
4	B	relation	B	4	B	Logically	C	Data Flow
5	A	molb	B	Logically	D	View	B	relation
6	B	4	D	View	C	Data Flow Dis	A	molb
7	D	h	B	Reserved word	C	3	D	All of these
8	A	operation	D	stetio.h	A	for	B	Zero
9	B	Reserved word	B	\	D	All of these	D	h
10	D	stetio.h	C	3	B	Zero	A	operation Error
11	B	\	A	for	D	h	B	Reserved word
12	C	3	D	All of these	A	operation Error	D	stetio.h
13	A	for	B	Zero	B	Reserved word	B	\
14	D	All of these	D	h	D	stetio.h	C	3
15	B	O(Zero)	A	operation Error	B	\	A	for
16								
17								
18								
19								
20								
Cross Check	A B C D		A B C D		A B C D		A B C D	
Total	3624		3624		3624		3624	

سرٹیفکیٹ مابیت صحیح سوالیہ پرچہ / مارکنگ Key

ہم نے مضمون CSC پرچہ اول اول گروپ اول انٹرمیڈیٹ پہلا سالانہ امتحان 2026 کا سوالیہ پرچہ انشائیہ و معروضی (Subjective & Objective) کو منظر عین چیک کر لیا ہے یہ پرچہ Syllabus کے عین مطابق Set کیا گیا ہے۔ اس سوالیہ پرچہ میں کسی قسم کی کوئی غلطی نہ ہے۔ ہم نے سوالیہ پرچہ کا اردو اور انگریزی Version بھی چیک کر لیا ہے۔ یہ Version آپس میں مطابقت رکھتے ہیں۔ نیز اس پرچہ کی معروضی (MCQs) Key کی بابت تصدیق کی جاتی ہے کہ اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیار کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کر لیا ہے اور ان کی روشنی میں Key بنائی ہے۔ نیز سب ایگزامینرز کیلئے تفصیلی مارکنگ ہدایات / مارکنگ سکیم / Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 06-06-26

S.#	Name	Designation	Institution	Mobile No	Signature
1	M. IG BAL LATIF	Associate Prof	Govt. Graduate College	0336116416	
2	M. Imran Rafique	lecturer	Govt. College Science	03014097553	
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4	NAZIR GOTTAR	AIP	Govt. Graduate College	03026340288	
5					

ہم نے درج بالا سوالیہ پرچہ (انشائیہ + معروضی) معروضی "Key" اور ہدایات کے حوالہ سے مکمل طور پر تصدیق کر لی ہے۔ کسی قسم کی کوئی غلطی نہ ہے۔

Re-Checked By					
1	M. Ali	Asst. Prof	Govt. Graduate College of Science, Multan	02326189403	
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INTERMEDIATE PART-II (12 th Class)		2026 (1 st -A)	Roll No:
COMPUTER SCIENCE PAPER-II GROUP-1			
TIME ALLOWED: 2.10 Hours		SUBJECTIVE	MAXIMUM MARKS: 60
NOTE: Write same question number and its parts number on answer book, as given in the question paper.			
SECTION-I			
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")			
2. Write short answers to any six parts.		MS-ACCESS	6 × 2 = 12
(i)	Define Primary Key.	(ii)	Write any two responsibilities of DBA.
(iii)	What is Entity?	(iv)	Describe one to one relationship.
(v)	Differentiate between partial dependency and transitive dependency.		
(vi)	How is referential integrity attained?	(vii)	List any four facilities provided by RDBMS.
(viii)	Why is a listbox used in forms?	(ix)	What are reports?
3. Write short answers to any six parts.		C-LANGUAGE	6 × 2 = 12
(i)	Write the purpose of variable declaration.	(ii)	Define Logical operator.
(iii)	Find the errors in given code segment: int a, b a = 5.5 b = = 10	(iv)	Find the output of the given code: int n; n = 5; printf ("%d \ n", n++); printf ("%d", ++n);
(v)	Write the use of argument list in printf () function.	(vi)	Define Field Width Specifier.
(vii)	Write the output of the given code: printf ("ABCD \ t XYZ \ r"); printf ("MNOP ");	(viii)	Define EOF marker used in files.
(ix)	What it is necessary to close a file? Write syntax to close a file.		
OR			
3. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	What is Event Driven Programming?	(ii)	Write purpose of Property Window.
(iii)	Enlist three steps for creating Visual Basic Project.	(iv)	Define the term VB Control.
(v)	How property values are set at runtime?	(vi)	What is an object's event?
(vii)	How to declare user-defined constant?		
(viii)	How integer and float division operators are used in Visual Basic?		
(ix)	Write two ways to display a message in Visual Basic.		
4. Write short answers to any six parts		C-LANGUAGE	6 × 2 = 12
(i)	What is switch statement?	(ii)	Define conditional operator.
(iii)	Determine output of the given code: int a = 40; if (a % 30 + 4 == 260) printf ("Yes"); else printf ("No");	(iv)	Define infinite loop.
		(v)	Convert given for loop into while loop: for (i = 3; i <= 9; i + = 3) { printf ("%d * %d * %d", i, i, i); }
(vi)	Determine output of the given code: int i, j = 3; for (i = 1; i <= 5; i++) printf ("%d %d", i, j);	(vii)	How does a function make programming easier?
		(viii)	What do you know about user defined functions?
		(ix)	Differentiate between actual and formal parameters.
OR			
4. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	What is use of NOT operator?	(ii)	Define Goto statement.
(iii)	Which statements terminate do and for loops early?	(iv)	What is meant by iteration?
(v)	Write the use of Redim Statement.	(vi)	How starting index of array can be changed?
(vii)	What does cmdpush – click mean?	(viii)	Define drivelistbox control.
(ix)	Differentiate between Exit sub and Exit function.		
SECTION-II			
NOTE: Attempt any one question.		MS-ACCESS	
5.	Discuss different advantages and disadvantages of database system.		8
6.	Which actions could be performed while modifying a table? Elaborate any four.		8
NOTE: Attempt any two questions. Either from "C-Language" OR "Visual Basic"		C-Language	
7.	Briefly describe the basic structure of a C-program.		8
8.	Write a program that accepts a character from keyboard and display whether it is vowel or not.		8
9.	Write a program which prints the following series using any loop: 1.0 1.5 2.0 2.5 3.0..... 10.0		8
OR VISUAL BASIC			
7.	Explain four basic controls used in Visual Basic.		8
8.	Write a program that accepts a character from keyboard and display whether it is vowel or not.		8
9.	Write a program which prints the following series using any loop: 1.0 1.5 2.0 2.5 3.0..... 10.0		8

Paper Code: 4831		2026 (1 st -A) INTERMEDIATE PART-II (12 th Class)			Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-I					
TIME ALLOWED: 20 Minutes			OBJECTIVE		MAXIMUM MARKS: 15
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	A database is a collection of _____ related data.	Physically	Logically	Sequentially	Automatically
2	A virtual table that is constructed from other table is called:	Table	Relation	Tuple	View
3	DFD stands for:	Diagram For Database	Database For Display	Data Flow Diagram	Dependent For Database
4	In relational database, a table is also called a _____.	Tuple	Relation	File	Schema
5	Microsoft Access saves the database with the extension:	.mdb	.msdb	.madb	.mxls
6	How many form layouts are provided by MS-Access?	2	4	6	8
C-LANGUAGE					
7	The extension of the header file is:	.cpp	.txt	.c	.h
8	Which one of the given is not an example of a program bug?	Operator error	Logical error	Runtime error	Syntax error
9	Const, double and int are examples of:	Comments	Reserved words	Compiler directives	Identifiers
10	The functions used for input and output is stored in:	graphic.h	conio.h	math.h	stdio.h
11	Which character signifies the beginning of an escape sequence?	{	\	//	/
12	Conditional operator takes _____ operands.	1	2	3	5
13	If you want a user to enter exactly 20 values, which loop would be best to use?	for	do-while	while	infinite
14	Function definition can be written:	Before main()	After main()	In another file	All of these
15	On successfully closing a file, the fclose () returns:	NULL	0 (Zero)	FILE Pointer	1 (One)
OR VISUAL BASIC					
7	The output of the compiler is called:	The program	Source code	Linked code	Object code
8	What type of file is required to run VB program without first starting V.B?	An EXE file	A VBP file	A DOS file	Event file
9	Which control is used to display text or to accept user input?	Label	Text Box	Button	Command Button
10	Which form event is used to assign the default values to form and controls on the form?	Activate	Unload	Terminate	Load
11	How many bytes are occupied by decimal data type in V.B?	12	16	1	8
12	Which one of the given is false if x and y are equal?	$x \geq y$	$y \geq x$	$x < y$	$x = y$
13	Each element of array has its own:	Index	Upper bound	Array	All of these
14	The interval property of Timer Control is set in:	Minutes	Hours	Seconds	Milliseconds
15	The code that is used in a sub procedure to stop execution of a program is:	Exit	End	Halt	End sub.

Paper Code: 4833		2026 (1 st -A) INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
COMPUTER SCIENCE PAPER-II GROUP-I					
TIME ALLOWED: 20 Minutes		OBJECTIVE		MAXIMUM MARKS: 15	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	DFD stands for:	Diagram For Database	Database For Display	Data Flow Diagram	Dependent For Database
2	In relational database, a table is also called a _____.	Tuple	Relation	File	Schema
3	Microsoft Access saves the database with the extension:	.mdb	.msdb	.madb	.mxls
4	How many form layouts are provided by MS-Access?	2	4	6	8
5	A database is a collection of _____ related data.	Physically	Logically	Sequentially	Automatically
6	A virtual table that is constructed from other table is called:	Table	Relation	Tuple	View
C-LANGUAGE					
7	Const, double and int are examples of:	Comments	Reserved words	Compiler directives	Identifiers
8	The functions used for input and output is stored in:	graphic.h	conio.h	math.h	stdio.h
9	Which character signifies the beginning of an escape sequence?	{	\	//	/
10	Conditional operator takes _____ operands.	1	2	3	5
11	If you want a user to enter exactly 20 values, which loop would be best to use?	for	do-while	while	infinite
12	Function definition can be written:	Before main()	After main()	In another file	All of these.
13	On successfully closing a file, the fclose () returns:	NULL	0 (Zero)	FILE Pointer	1 (One)
14	The extension of the header file is:	.cpp	.txt	.c	.h
15	Which one of the given is not an example of a program bug?	Operator error	Logical error	Runtime error	Syntax error
OR VISUAL BASIC					
7	Which control is used to display text or to accept user input?	Label	Text Box	Button	Command Button
8	Which form event is used to assign the default values to form and controls on the form?	Activate	Unload	Terminate	Load
9	How many bytes are occupied by decimal data type in V.B?	12	16	1	8
10	Which one of the given is false if x and y are equal?	$x \geq y$	$y \geq x$	$x < y$	$x = y$
11	Each element of array has its own:	Index	Upper bound	Array	All of these
12	The interval property of Timer Control is set in:	Minutes	Hours	Seconds	Milliseconds
13	The code that is used in a sub procedure to stop execution of a program is:	Exit	End	Halt	End sub.
14	The output of the compiler is called:	The program	Source code	Linked code	Object code
15	What type of file is required to run VB program without first starting V.B?	An EXE file	A VBP file	A DOS file	Event file

Paper Code: 4835		2026 (1st-A) INTERMEDIATE PART-II (12th Class)			Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-I					
TIME ALLOWED: 20 Minutes		OBJECTIVE		MAXIMUM MARKS: 15	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	In relational database, a table is also called a _____.	Tuple	Relation	File	Schema
2	Microsoft Access saves the database with the extension:	.mdb	.msdb	.madb	.mxls
3	How many form layouts are provided by MS-Access?	2	4	6	8
4	A database is a collection of _____ related data.	Physically	Logically	Sequentially	Automatically
5	A virtual table that is constructed from other table is called:	Table	Relation	Tuple	View
6	DFD stands for:	Diagram For Database	Database For Display	Data Flow Diagram	Dependent For Database
C-LANGUAGE					
7	Conditional operator takes _____ operands.	1	2	3	5
8	If you want a user to enter exactly 20 values, which loop would be best to use?	for	do-while	while	infinite
9	Function definition can be written:	Before main()	After main()	In another file	All of these
10	On successfully closing a file, the fclose () returns:	NULL	0 (Zero)	FILE Pointer	1 (One)
11	The extension of the header file is:	.cpp	.txt	.c	.h
12	Which one of the given is not an example of a program bug?	Operator error	Logical error	Runtime error	Syntax error
13	Const. double and int are examples of:	Comments	Reserved words	Compiler directives	Identifiers
14	The functions used for input and output is stored in:	graphic.h	conio.h	math.h	stdio.h
15	Which character signifies the beginning of an escape sequence?	{	\	//	/
OR VISUAL BASIC					
7	Which one of the given is false if x and y are equal?	$x \geq y$	$y \geq x$	$x < y$	$x = y$
8	Each element of array has its own:	Index	Upper bound	Array	All of these
9	The interval property of Timer Control is set in:	Minutes	Hours	Seconds	Milliseconds
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12	What type of file is required to run VB program without first starting V.B?	An EXE file	A VBP file	A DOS file	Event file
13	Which control is used to display text or to accept user input?	Label	Text Box	Button	Command Button
14	Which form event is used to assign the default values to form and controls on the form?	Activate	Unload	Terminate	Load
15	How many bytes are occupied by decimal data type in V.B?	12	16	1	8

Paper Code: 4837		2026 (1 st -A) INTERMEDIATE PART-II (12 th Class)			Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-I					
TIME ALLOWED: 20 Minutes		OBJECTIVE		MAXIMUM MARKS: 15	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	How many form layouts are provided by MS-Access?	2	4	6	8
2	A database is a collection of _____ related data.	Physically	Logically	Sequentially	Automatically
3	A virtual table that is constructed from other table is called:	Table	Relation	Tuple	View
4	DFD stands for:	Diagram For Database	Database For Display	Data Flow Diagram	Dependent For Database
5	In relational database, a table is also called a _____	Tuple	Relation	File	Schema
6	Microsoft Access saves the database with the extension:	.mdb	.msdb	.madb	.mxls
C-LANGUAGE					
7	Function definition can be written:	Before main()	After main()	In another file	All of these
8	On successfully closing a file, the fclose () returns:	NULL	0 (Zero)	FILE Pointer	1 (One)
9	The extension of the header file is:	.cpp	.txt	.c	.h
10	Which one of the given is not an example of a program bug?	Operator error	Logical error	Runtime error	Syntax error
11	Const, double and int are examples of:	Comments	Reserved words	Compiler directives	Identifiers
12	The functions used for input and output is stored in:	graphic.h	conio.h	math.h	stdio.h
13	Which character signifies the beginning of an escape sequence?	{	\	//	/
14	Conditional operator takes _____ operands.	1	2	3	5
15	If you want a user to enter exactly 20 values, which loop would be best to use?	for	do-while	while	infinite
OR VISUAL BASIC					
7	The interval property of Timer Control is set in:	Minutes	Hours	Seconds	Milliseconds
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15	Each element of array has its own:	Index	Upper bound	Array	All of these

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE 1st ANNUAL EXAMINATION, 2026

Name of Subject: CSC

Group: II

Q. Nos	Paper Code 4832	Correct Answer	Paper Code 4834	Correct Answer	Paper Code 4836	Correct Answer	Paper Code 4838	Correct Answer
1	B	Data Redundancy	A	Any	A	Attribute	C	Synonym
2	D	Database Administrator	C	Columnar	C	Synonym	A	Any
3	A	Attribute	B	Data Redundancy	A	Any	C	Columnar
4	C	Synonym	D	Database Administrator	C	Columnar	B	Data Redundancy
5	A	Any	A	Attribute	B	Data Redundancy	D	Database Administrator
6	C	Columnar	C	Synonym	D	Database Administrator	A	Attribute
7	D	Alt+F9	C	Iteration	A	scanf	B	If-else
8	D	Debugging	A	Return	A	It	C	Iteration
9	C	RAM	D	o(Zero)	B	If-else	A	Return
10	A	scanf	D	Alt+F9	C	Iteration	D	o(Zero)
11	A	It	D	Debugging	A	Return	D	Alt+F9
12	B	If-else	C	RAM	D	o(Zero)	D	Debugging
13	C	Iteration	A	scanf	D	Alt+F9	C	RAM
14	A	Return	A	It	D	Debugging	A	scanf
15	D	o(Zero)	B	If-else	C	RAM	A	It
16								
17								
18								
19								
20								
Cross Check	A B C D		A B C D		A B C D		A B C D	
Total	5, 2, 4, 4		5, 2, 4, 4		5, 2, 4, 4		5, 2, 4, 4	

مرئیٹیکٹ مابت سواج سوالہ پرجہ امارنگ

ہم نے منعمون CSC پرجہ Part II گروپ II انٹرمیڈیٹ پہلا سالانہ امتحان 2026 کا سوالیہ پرجہ انشائیہ و معروضی (Subjective & Objective) کو بنظر عین چیک کر لیا ہے یہ پرجہ Syllabus کے تین مطابق Set کیا گیا ہے۔ اس سوالیہ پرجہ میں کسی قسم کی کوئی غلطی نہ ہے۔ ہم نے سوالیہ پرجہ کا اردو اور انگریزی Version بھی چیک کر لیا ہے۔ یہ Version آپس میں مطابقت رکھتے ہیں۔ نیز اس پرجہ کی معروضی (MCQs) Key کی بابت تقدیق کی جاتی ہے کہ اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیار کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کر لیا ہے اور ان کی روشنی میں Key بنائی ہے۔ نیز سب ایگزیمینرز کیلئے تفصیلی مارنگ ہدایات / مارنگ اسکیم / Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 06-06-26

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1	M. KAMRAN AYUB	LECTURER	GOVT ASSOCIATE COLLEGE MAKHDUM RASHEED	03345493386	
2	M. Imran Razaq	Lecturer	Govt College of Science, Multan	03014097555	
3	M. IQBAL LATIF	Associate Prof	Govt Graduate College of Science, Multan	03336116416	
4	NAZIR GOHAR	ASST. Prof	Govt. Graduate College of Commerce, Multan	03006340788	
5					

ہم نے درج بالا سوالیہ پرجہ (انشائیہ + معروضی) معروضی "Key" اور ہدایات کے حوالہ سے مکمل طور پر تلی کر لی ہے۔ کسی قسم کی کوئی غلطی نہ ہے۔

Re-Checked By					
1	M. AL	A/P	Govt Graduate College of Science, Multan	0333-6189443	
2	M. Imran Basir	APP	Govt. Graduate College, Multan	03017423034	

تاریخ

INTERMEDIATE PART-II (12th Class)		2026 (1st-A)	Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-II			
TIME ALLOWED: 2.10 Hours		SUBJECTIVE	MAXIMUM MARKS: 60
NOTE: Write same question number and its parts number on answer book, as given in the question paper.			
SECTION-I			
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")			
2. Write short answers to any six parts.		MS-ACCESS	6 × 2 = 12
(i)	Differentiate between primary key and candidate key?	(ii)	Define the term Relation.
(iii)	What do you know about integrity constraints?	(iv)	Enlist the elements of an ER diagram.
(v)	What are four hidden problems of attributes in databases?		
(vi)	When and where we remove partial functional dependency? Justify your answer with example.		
(vii)	What is use of Queries in database?		
(viii)	Write down the steps to create a report using MS-Access wizard.		
(ix)	What is difference between Justified and Tabular Form?		
3. Write short answers to any six parts.		C-LANGUAGE	6 × 2 = 12
(i)	Why is it important to assign a data type to a variable?	(ii)	What is the use of NOT operator?
(iii)	Predict the output of the following code: int m = 15, n = 5; printf (" %d %d ", m % n, m % n);		
(iv)	Find errors in the following code: void MAIN () { 10 = n; printf (" %c ", n)	(v)	What is the use of "getch" function?
		(vi)	Find the output of following code: int n = 365; printf (" %d\n ", n); printf (" %2d ", n);
(vii)	Which function is used to clear the screen in C?	(viii)	Write the purpose of file handling.
(ix)	How is a file closed?		
OR			
3. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	What is the purpose of input box in Visual Basic?	(ii)	Describe the purpose of single variables.
(iii)	What do you know about Explicit declaration?	(iv)	Why controls are used in Visual Basic?
(v)	What is the purpose of keyboard events?	(vi)	Why form methods are used?
(vii)	What is the importance of event procedures in Visual Basic?		
(viii)	Why Border style property is used in Visual Basic?		
(ix)	Why Visual Basic is called event-driven language?		
4. Write short answers to any six parts		C-LANGUAGE	6 × 2 = 12
(i)	What is Control structure?	(ii)	Why break statement is used in a switch structure?
(iii)	Predict the output of the following code segment: int a = 40; if (a % 30 + 4 = 260) printf (" Yes "); else printf (" No ");	(iv)	Convert the following code into while loop: int i; for (i = 1 ; i <= 10 ; i++) { printf (" \n Pakistan"); }
(v)	Predict the output of the following code segment: int n; for (n = 10; n <= 15; n++) printf (" %d ", ++n);	(vi)	Define While loop.
		(vii)	What is function body?
		(viii)	Distinguish between scope and lifetime of a variable.
		(ix)	Elaborate the use of actual parameters.
OR			
4. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	Define second form of select ...case structure.	(ii)	What are logical operators?
(iii)	Differentiate between outer and inner loop.	(iv)	Describe nested loop.
(v)	How subscript variables are written in array?	(vi)	Elaborate array manipulation.
(vii)	Name two style of combo boxes.	(viii)	Describe the purpose of timer control.
(ix)	What is a function argument?		
SECTION-II			
NOTE: Attempt any one question.			
5.		MS-ACCESS	
What is database system? Describe different database models.			8
6.			
Describe Query and its all types in detail.			8
NOTE: Attempt any two questions. Either from "C-Language" OR "Visual Basic"			
C-Language			
7.	What necessary steps are taken to prepare a C program for execution? Explain with diagram.		8
8.	Write a program that input three integer numbers from the user and display the largest number, using nested-if.		8
9.	Write a program in C that prints all odd positive integers less than 100 skipping those that are exactly divisible by 7.		8
OR			
VISUAL BASIC			
7.	Elaborate the different components of VB IDE and their uses.		8
8.	Write a program in VB that input three integer numbers from the user, and display the largest number by using Nested If...Then...Else.		8
9.	Write a program in VB that prints all odd integers less than 100 skipping those that are exactly divisible by 7.		8

Paper Code: 4832		2026 (1st-A) INTERMEDIATE PART-II (12th Class)			Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-II					
TIME ALLOWED: 20 Minutes			OBJECTIVE	MAXIMUM MARKS: 15	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	Duplicate data in multiple data files is called:	Data Manipulation	Data Redundancy	Data Integrity	Data Independence
2	Who is responsible to design, implement and maintain a database:	Application programmer	End user	Advance user	Database Administrator
3	Which one of the given is used to describe the characteristics of an object?	Attribute	Entity	Relationship	Modality
4	Two or more attributes with different names but same meaning creates a problem called:	Homonyms	Aliases	Synonyms	Alternate attributes
5	Maximum number of tables in a database can be:	Any	1	3	20
6	Which type of form displays one record at a time?	Tabular	Datasheet	Columnar	Justified
C-LANGUAGE					
7	Which one of the given key is used to compile a program?	CTRL + F9	CTRL + S	CTRL + V	ALT + F9
8	The process of identifying and removing errors in the program is called:	Fixing	Updating	Removing	Debugging
9	Variables are created in:	Cache	ROM	RAM	Registers
10	Which one of the given function is used to input data in C-program?	scanf	printf	puts ()	Push
11	The escape sequence used to insert tab in C-Program:	\t	\n	\tab	\b
12	Which one of the given is used for making two-way decision?	If only	If-else	Switch	nested if
13	One execution of a loop is called:	Test	Circle	Iteration	Round
14	Which keyword is used to specify the value returned by a function?	Return	Back	Replay	Retrieve
15	On successfully closing a file, the fclose () returns:	File pointer	NULL	1 (One)	0 (Zero)
OR VISUAL BASIC					
7	Which one of the given is not a Visual Basic Control?	Form	Text Box	Command Button	Variable
8	Visual Basic is a:	Markup Language	Middle Level Language	Back End	Front End
9	Visual Basic was introduced in:	1950 s	1980 s	1960 s	1970 s
10	A procedure or function that imparts some action to an object is called:	Property	Method	Control	Object
11	The default message box style is:	OK ONLY	YES NO	YES NO CANCEL	RETRY CANCEL
12	The entire Select Case Construct is terminated with:	Case Else	End Select	End IF	Stop Select
13	If an array has 12 values, what is the upper bound of the array?	0	10	11	12
14	Which of the method causes the control to be redrawn?	Refresh	Set focus	Visible	Move
15	Which keyword is used to make a visible variable to all modules in the project?	Dim	Visible	Private	Public

Paper Code: 4834		2026 (1st-A) INTERMEDIATE PART-II (12th Class)			Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-II					
TIME ALLOWED: 20 Minutes		OBJECTIVE		MAXIMUM MARKS: 15	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	Maximum number of tables in a database can be:	Any	1	3	20
2	Which type of form displays one record at a time?	Tabular	Datasheet	Columnar	Justified
3	Duplicate data in multiple data files is called:	Data Manipulation	Data Redundancy	Data Integrity	Data Independence
4	Who is responsible to design, implement and maintain a database:	Application programmer	End user	Advance user	Database Administrator
5	Which one of the given is used to describe the characteristics of an object?	Attribute	Entity	Relationship	Modality
6	Two or more attributes with different names but same meaning creates a problem called:	Homonyms	Aliases	Synonyms	Alternate attributes
C-LANGUAGE					
7	One execution of a loop is called:	Test	Circle	Iteration	Round
8	Which keyword is used to specify the value returned by a function?	Return	Back	Replay	Retrieve
9	On successfully closing a file, the fclose () returns:	File pointer	NULL	1 (One)	0 (Zero)
10	Which one of the given key is used to compile a program?	CTRL + F9	CTRL + S	CTRL + V	ALT + F9
11	The process of identifying and removing errors in the program is called:	Fixing	Updating	Removing	Debugging
12	Variables are created in:	Cache	ROM	RAM	Registers
13	Which one of the given function is used to input data in C-program?	scanf	printf	puts ()	Push
14	The escape sequence used to insert tab in C-Program:	\t	\n	\tab	\b
15	Which one of the given is used for making two-way decision?	If only	If-else	Switch	nested if
OR VISUAL BASIC					
7	If an array has 12 values, what is the upper bound of the array?	0	10	11	12
8	Which of the method causes the control to be redrawn?	Refresh	Set focus	Visible	Move
9	Which keyword is used to make a visible variable to all modules in the project?	Dim	Visible	Private	Public
10	Which one of the given is not a Visual Basic Control?	Form	Text Box	Command Button	Variable
11	Visual Basic is a:	Markup Language	Middle Level Language	Back End	Front End
12	Visual Basic was introduced in:	1950 s	1980 s	1960 s	1970 s
13	A procedure or function that imparts some action to an object is called:	Property	Method	Control	Object
14	The default message box style is:	OK ONLY	YES NO	YES NO CANCEL	RETRY CANCEL
15	The entire Select Case Construct is terminated with:	Case Else	End Select	End IF	Stop Select

Paper Code: 4836		2026 (1 st -A) INTERMEDIATE PART-II (12 th Class)			Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-II					
TIME ALLOWED: 20 Minutes		OBJECTIVE		MAXIMUM MARKS: 15	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	Which one of the given is used to describe the characteristics of an object?	Attribute	Entity	Relationship	Modality
2	Two or more attributes with different names but same meaning creates a problem called:	Homonyms	Aliases	Synonyms	Alternate attributes
3	Maximum number of tables in a database can be:	Any	1	3	20
4	Which type of form displays one record at a time?	Tabular	Datasheet	Columnar	Justified
5	Duplicate data in multiple data files is called:	Data Manipulation	Data Redundancy	Data Integrity	Data Independence
6	Who is responsible to design, implement and maintain a database:	Application programmer	End user	Advance user	Database Administrator
C-LANGUAGE					
7	Which one of the given function is used to input data in C-program?	scanf	printf	puts ()	Push
8	The escape sequence used to insert tab in C-Program:	\t	\n	\tab	\b
9	Which one of the given is used for making two-way decision?	If only	If-else	Switch	nested if
10	One execution of a loop is called:	Test	Circle	Iteration	Round
11	Which keyword is used to specify the value returned by a function?	Return	Back	Replay	Retrieve
12	On successfully closing a file, the fclose () returns:	File pointer	NULL	1 (One)	0 (Zero)
13	Which one of the given key is used to compile a program?	CTRL + F9	CTRL + S	CTRL + V	ALT + F9
14	The process of identifying and removing errors in the program is called:	Fixing	Updating	Removing	Debugging
15	Variables are created in:	Cache	ROM	RAM	Registers
OR VISUAL BASIC					
7	A procedure or function that imparts some action to an object is called:	Property	Method	Control	Object
8	The default message box style is:	OK ONLY	YES NO	YES NO CANCEL	RETRY CANCEL
9	The entire Select Case Construct is terminated with:	Case Else	End Select	End IF	Stop Select
10	If an array has 12 values, what is the upper bound of the array?	0	10	11	12
11	Which of the method causes the control to be redrawn?	Refresh	Set focus	Visible	Move
12	Which keyword is used to make a visible variable to all modules in the project?	Dim	Visible	Private	Public
13	Which one of the given is not a Visual Basic Control?	Form	Text Box	Command Button	Variable
14	Visual Basic is a:	Markup Language	Middle Level Language	Back End	Front End
15	Visual Basic was introduced in:	1950 s	1980 s	1960 s	1970 s

Paper Code: 4838		2026 (1 st -A) INTERMEDIATE PART-II (12 th Class)			Roll No: _____
COMPUTER SCIENCE PAPER-II GROUP-II					
TIME ALLOWED: 20 Minutes		OBJECTIVE		MAXIMUM MARKS: 15	
Q.No.1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")					
MS-ACCESS					
S.#	QUESTIONS	A	B	C	D
1	Two or more attributes with different names but same meaning creates a problem called:	Homonyms	Aliases	Synonyms	Alternate attributes
2	Maximum number of tables in a database can be:	Any	1	3	20
3	Which type of form displays one record at a time?	Tabular	Datasheet	Columnar	Justified
4	Duplicate data in multiple data files is called:	Data Manipulation	Data Redundancy	Data Integrity	Data Independence
5	Who is responsible to design, implement and maintain a database:	Application programmer	End user	Advance user	Database Administrator
6	Which one of the given is used to describe the characteristics of an object?	Attribute	Entity	Relationship	Modality
C-LANGUAGE					
7	Which one of the given is used for making two-way decision?	If only	If-else	Switch	nested if
8	One execution of a loop is called:	Test	Circle	Iteration	Round
9	Which keyword is used to specify the value returned by a function?	Return	Back	Replay	Retrieve
10	On successfully closing a file, the fclose () returns:	File pointer	NULL	1 (One)	0 (Zero)
11	Which one of the given key is used to compile a program?	CTRL + F9	CTRL + S	CTRL + V	ALT + F9
12	The process of identifying and removing errors in the program is called:	Fixing	Updating	Removing	Debugging
13	Variables are created in:	Cache	ROM	RAM	Registers
14	Which one of the given function is used to input data in C-program?	scanf	printf	puts ()	Push
15	The escape sequence used to insert tab in C-Program:	\t	\n	\tab	\b
OR VISUAL BASIC					
7	The entire Select Case Construct is terminated with:	Case Else	End Select	End IF	Stop Select
8	If an array has 12 values, what is the upper bound of the array?	0	10	11	12
9	Which of the method causes the control to be redrawn?	Refresh	Set focus	Visible	Move
10	Which keyword is used to make a visible variable to all modules in the project?	Dim	Visible	Private	Public
11	Which one of the given is not a Visual Basic Control?	Form	Text Box	Command Button	Variable
12	Visual Basic is a:	Markup Language	Middle Level Language	Back End	Front End
13	Visual Basic was introduced in:	1950 s	1980 s	1960 s	1970 s
14	A procedure or function that imparts some action to an object is called:	Property	Method	Control	Object
15	The default message box style is:	OK ONLY	YES NO	YES NO CANCEL	RETRY CANCEL