

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE 1st ANNUAL EXAMINATION, 2025

Name of Subject: COMPUTER SCIENCE Group: I

Q. Nos	Paper Code 4831	Correct Answer	Paper Code 4833	Correct Answer	Paper Code 4835	Correct Answer	Paper Code 4837	Correct Answer
1	D	Data Integrity	B	Parameter	D	Entity Integrity	B	3
2	A	Key Gathering	D	Data Integrity	C	Table	D	Entity Integrity
3	B	3	A	Key Gathering	B	parameter	C	Table
4	D	Entity Integrity	B	3	D	Data Integrity	B	parameter
5	C	Table	D	Entity Integrity	A	Key Gathering	D	Data Integrity
6	B	Parameter	C	Table	B	3	A	Key Gathering
7	A	Semicolon	B	Header File	A	%	C	Constant
8	D	Compiler	D	Hard Disk	B	!CPQV	A	%
9	C	Constant	A	Semicolon	D	Iteration	B	!CPQV
10	A	%	D	Compiler	B,C	15, 13	D	Iteration
11	B	!CPQV	C	Constant	B	Header File	B,C	15, 13
12	D	Iteration	A	%	D	Hard Disk	B	Header File
13	B,C	15, 13	B	!CPQV	A	Semicolon	D	Hard Disk
14	B	HEADER FILE	D	Iteration	D	Compiler	A	Semicolon
15	D	HARDDISK	B,C	15, 13	C	Constant	D	Compiler
16								
17								
18								
19								
20								
Cross Check	A B C D		A B C D		A B C D		A B C D	
Total	3 5 3 5		3 5 3 5		3 5 3 5		3 5 3 5	

سرٹیفکیٹ ثابت صحیح سوالیہ پرچہ انارکنگ Key

اس نمائندہ پہلا سالانہ امتحان 2025 کے گروپ I 2nd CSC پرچہ کے مطابق (Subjective & Objective) کو بشرطیکہ 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 MCQs Key کی بات 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 کو غور سے دیکھا ہے اور ان کی روشنی میں Key بنائی ہے۔ نیز سب ایگزامینرز کیسے تعلیمی مارکنگ ہدایات / مارکنگ سکیم / Rubrics بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 15/05/25

S.#	Name	Designation	Institution	Mobile No	Signature
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Re-Checked By: ہم نے درج بالا سوالیہ پرچہ (انتائیہ + معروضی) اور درج ذیلی "Key" اور ہدایات کے حوالے سے مکمل طور پر چکی کر لی ہے۔ کسی قسم کی کوئی غلطی نہ ہے۔

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INTERMEDIATE PART-II (12 th Class)		2025 (1 st -A)		Roll No:
COMPUTER SCIENCE PAPER-II GROUP-I				
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 sequential file.	(ii)	Describe the role of Master file.	
(iii)	What is hierarchical model?	(iv)	Discuss the concept of composite key.	
(v)	What is view?	(vi)	Define entity integrity.	
(vii)	Discuss the concept of normalization.	(viii)	Describe two benefits of MS-Access.	
(ix)	What is the role of report?			
3. Write short answers to any six parts.		C-LANGUAGE		6 × 2 = 12
(i)	Define programming error and enlist its types.	(ii)	What do you know about IDE for C-programming language?	
(iii)	How would you write a simple C-program that displays the phrase Hello World!?			
(iv)	Write down the syntax of printf function and briefly explain format string.			
(v)	What are uses of escape sequences?			
(vi)	Determine the output of the following code segment: int X, A, B, N; X = 500; A = X%100; B = X 10; N = X%10; printf ("%d%d", B, A);	(vii)	Rewrite the given code segment after removing errors: <pre># includes <STDIO.H> Void Main () { int a 20 ; print (" %f" , a) getch () ; }</pre>	
(viii)	Write down the general syntax for opening and closing a file in C			
(ix)	What are uses of Newline and EOF marker?			
OR				
3. Write short answers to any six parts		VISUAL BASIC		6 × 2 = 12
(i)	Define programming error and enlist its types.	(ii)	What do you know about Visual programming?	
(iii)	How would you write a simple VB program that displays the phrase Hello World!?			
(iv)	Write down the general syntax and use of Message Box-function.			
(v)	Give any four rules for naming a variable in VB.			
(vi)	What is difference between event procedure and sub-procedure?			
(vii)	What is use of comments in VB programming?			
(viii)	Differentiate between file system object and file object.	(ix)	What are random access files in VB?	
4. Write short answers to any six parts		C-LANGUAGE		6 × 2 = 12
(i)	What is a condition?	(ii)	Why break statement is used in a switch structure?	
(iii)	Find errors in the following codes: int p=30 if (price=0) price == 0 else price 2;	(iv)	Write two advantages of loop.	
		(v)	Predict the output of the following: int m; for (m = 0; m < 40; m = m + 4) printf (" %d" , m);	
(vi)	Find errors in the following codes: for (x = 50, x=1, --x) printf ("%d", x);	(vii)	Distinguish between formal parameter and actual parameter.	
(viii)	What is function definition?	(ix)	Describe user-defined function.	
OR				
4. Write short answers to any six parts		VISUAL BASIC		6 × 2 = 12
(i)	What is a condition?	(ii)	Describe an alternate of Nested IF---Then---Else statement.	
(iii)	List different types of control structures for writing programs.	(iv)	Write the advantage of loop.	
(v)	Define sentinel control loops.	(vi)	Write down the syntax of while-wend loop.	
(vii)	Distinguish between formal parameter and actual parameter.			
(viii)	What is function definition?	(ix)	Describe user-defined function.	
SECTION-II				
NOTE: Attempt any one question.				
MS-ACCESS				
5.	What is data modeling? What are the ingredients of data modeling?			8
6.	What is usage of query? Explain different types of Action queries?			8
NOTE: Attempt any two questions. Either from "C-Language" OR "Visual Basic"				
C-language				
7.	What are logical operators? Discuss different logical operators in C-language.			2+6
8.	Write a program that inputs ages of three persons A, B and C from the user and displays that which is younger from them.			8
9.	Write a program in C-language that inputs a number from the user, calculate and display the factorial of that number.			8
OR				
VISUAL BASIC				
7.	What are logical operators? Discuss different logical operators in Visual Basic.			2+6
8.	Write a program that inputs ages of three persons A, B and C from the user and displays that which is younger from them.			8
9.	Write a program in Visual Basic that inputs a number from the user, calculate and display the factorial of that number.			8

Paper Code Number: 4831		2025 (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	_____ is referred to as correctness and consistency of data.	Data independence	Data integration	Data dependence	Data integrity
2	What is the first step in database design?	Requirement gathering	Logical design	Physical design	Implementation
3	How many types of relationships are used in database?	4	3	2	1
4	_____ rule states that primary key value cannot be null.	Referential integrity	Enterprise integrity	Data integration	Entity integrity
5	Which object is used to store and define data in a database?	Form	Query	Table	Report
6	Which type of query provides a dialog box to type a value for criteria?	Cross table	Parameter	Select	Append
C-LANGUAGE					
7	C-language statement terminates with:	Semicolon (;)	Comma (,)	Period (.)	Ampersand (&)
8	Syntax error are detected by:	Linker	Debugger	Loader	Compiler
9	A named memory location with data that cannot be changed during execution is:	Global variable	Variable	Constant	Literal
10	A format specifier starts with:	%	&	\$	@
11	_____ is equivalent to $(p \geq q)$	$!P < q$	$!(P < q)$	$P <> q$	$P < q$
12	One execution of loop is known as:	Cycle	Duration	Test	Iteration
13	What is the final value of x after executing the statement for $(\text{int } x = 1; x < 15; x += 2);$	1	15	13	45
14	Function prototype for built-in functions are specified in:	Source file	Header file	Object file	Binary file
15	A file is stored in:	RAM	ROM	Cache	Hard Disk
OR					
VISUAL BASIC					
7	_____ places an executable file in memory.	Loader	Linker	Compiler	Editor
8	You can enter data in a control only if it has:	Lost focus	Tab order	Lock	Got focus
9	Loop within loop is called:	Dual loop	Infinite loop	Nested loop	Finite loop
10	Scope of a variable refers to its _____	Accessibility	Length	Type	Name
11	To trigger the timer control after every second set the interval to:	10000	1000	100	10
12	VB text box is a:	Form	Project	Label	Control
13	Which shortcut key is used to store/save a form?	Ctrl+w	Ctrl+F4	Ctrl+s	Ctrl+F3
14	Select case block ends with:	End case	End select	Break	Close
15	How many bytes are occupied by an integer data in V.B?	2	8	10	4

Paper Code Number: 4833		2025 (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	Which type of query provides a dialog box to type a value for criteria?	Cross table	Parameter	Select	Append
2	_____ is referred to as correctness and consistency of data.	Data independence	Data integration	Data dependence	Data integrity
3	What is the first step in database design?	Requirement gathering	Logical design	Physical design	Implementation
4	How many types of relationships are used in database?	4	3	2	1
5	_____ rule states that primary key value cannot be null.	Referential integrity	Enterprise integrity	Data integration	Entity integrity
6	Which object is used to store and define data in a database?	Form	Query	Table	Report
C-LANGUAGE					
7	Function prototype for built-in functions are specified in:	Source file	Header file	Object file	Binary file
8	A file is stored in:	RAM	ROM	Cache	Hard Disk
9	C-language statement terminates with:	Semicolon (;)	Comma (,)	Period (.)	Ampersand (&)
10	Syntax error are detected by:	Linker	Debugger	Loader	Compiler
11	A named memory location with data that cannot be changed during execution is:	Global variable	Variable	Constant	Literal
12	A format specifier starts with:	%	&	\$	@
13	_____ is equivalent to $(p \geq q)$	$!P < q$	$!(P < q)$	$P <> q$	$P < q$
14	One execution of loop is known as:	Cycle	Duration	Test	Iteration
15	What is the final value of x after executing the statement for $(\text{int } x = 1; x < 15; x + = 2);$	1	15	13	45
OR					
VISUAL BASIC					
7	Select case block ends with:	End case	End select	Break	Close
8	How many bytes are occupied by an integer data in V.B?	2	8	10	4
9	_____ places an executable file in memory.	Loader	Linker	Compiler	Editor
10	You can enter data in a control only if it has:	Lost focus	Tab order	Lock	Got focus
11	Loop within loop is called:	Dual loop	Infinite loop	Nested loop	Finite loop
12	Scope of a variable refers to its _____.	Accessibility	Length	Type	Name
13	To trigger the timer control after every second set the interval to:	10000	1000	100	10
14	VB text box is a:	Form	Project	Label	Control
15	Which shortcut key is used to store/save a form?	Ctrl+w	Ctrl+F4	Ctrl+s	Ctrl+F3

Paper Code Number: 4835		2025 (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	_____ rule states that primary key value cannot be null.	Referential integrity	Enterprise integrity	Data integration	Entity integrity
2	Which object is used to store and define data in a database?	Form	Query	Table	Report
3	Which type of query provides a dialog box to type a value for criteria?	Cross table	Parameter	Select	Append
4	_____ is referred to as correctness and consistency of data.	Data independence	Data integration	Data dependence	Data integrity
5	What is the first step in database design?	Requirement gathering	Logical design	Physical design	Implementation
6	How many types of relationships are used in database?	4	3	2	1
C-LANGUAGE					
7	A format specifier starts with:	%	&	\$	@
8	_____ is equivalent to $(p \geq q)$	$!P < q$	$!(P < q)$	$P <> q$	$P < q$
9	One execution of loop is known as:	Cycle	Duration	Test	Iteration
10	What is the final value of x after executing the statement for $(\text{int } x = 1; x < 15; x += 2);$	1	15	13	45
11	Function prototype for built-in functions are specified in:	Source file	Header file	Object file	Binary file
12	A file is stored in:	RAM	ROM	Cache	Hard Disk
13	C-language statement terminates with:	Semicolon (;)	Comma (,)	Period (.)	Ampersand (&)
14	Syntax error are detected by:	Linker	Debugger	Loader	Compiler
15	A named memory location with data that cannot be changed during execution is:	Global variable	Variable	Constant	Literal
OR					
VISUAL BASIC					
7	Scope of a variable refers to its _____.	Accessibility	Length	Type	Name
8	To trigger the timer control after every second set the interval to:	10000	1000	100	10
9	VB text box is a:	Form	Project	Label	Control
10	Which shortcut key is used to store/save a form?	Ctrl+w	Ctrl+F4	Ctrl+s	Ctrl+F3
11	Select case block ends with:	End case	End select	Break	Close
12	How many bytes are occupied by an integer data in V.B?	2	8	10	4
13	_____ places an executable file in memory.	Loader	Linker	Compiler	Editor
14	You can enter data in a control only if it has:	Lost focus	Tab order	Lock	Got focus
15	Loop within loop is called:	Dual loop	Infinite loop	Nested loop	Finite loop

Paper Code Number: 4837		2025 (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 types of relationships are used in database?	4	3	2	1
2	_____ rule states that primary key value cannot be null.	Referential integrity	Enterprise integrity	Data integration	Entity integrity
3	Which object is used to store and define data in a database?	Form	Query	Table	Report
4	Which type of query provides a dialog box to type a value for criteria?	Cross table	Parameter	Select	Append
5	_____ is referred to as correctness and consistency of data.	Data independence	Data integration	Data dependence	Data integrity
6	What is the first step in database design?	Requirement gathering	Logical design	Physical design	Implementation
C-LANGUAGE					
7	A named memory location with data that cannot be changed during execution is:	Global variable	Variable	Constant	Literal
8	A format specifier starts with:	%	&	\$	@
9	_____ is equivalent to $(p \geq q)$	$!P < q$	$!(P < q)$	$P <> q$	$P < q$
10	One execution of loop is known as:	Cycle	Duration	Test	Iteration
11	What is the final value of x after executing the statement for $(int\ x = 1; x < 15; x + = 2);$	1	15	13	45
12	Function prototype for built-in functions are specified in:	Source file	Header file	Object file	Binary file
13	A file is stored in:	RAM	ROM	Cache	Hard Disk
14	C-language statement terminates with:	Semicolon (;)	Comma (,)	Period (.)	Ampersand (&)
15	Syntax error are detected by:	Linker	Debugger	Loader	Compiler
OR					
VISUAL BASIC					
7	Loop within loop is called:	Dual loop	Infinite loop	Nested loop	Finite loop
8	Scope of a variable refers to its _____	Accessibility	Length	Type	Name
9	To trigger the timer control after every second set the interval to:	10000	1000	100	10
10	VB text box is a:	Form	Project	Label	Control
11	Which shortcut key is used to store/save a form?	Ctrl+w	Ctrl+F4	Ctrl+s	Ctrl+F3
12	Select case block ends with:	End case	End select	Break	Close
13	How many bytes are occupied by an integer data in V.B?	2	8	10	4
14	_____ places an executable file in memory.	Loader	Linker	Compiler	Editor
15	You can enter data in a control only if it has:	Lost focus	Tab order	Lock	Got focus

OBJECTIVE KEY FOR INTERMEDIATE 1st ANNUAL EXAMINATION, 2025

Name of Subject: COMPUTER SCIENCE

Group D

Q. Nos	Paper Code 4832	Correct Answer	Paper Code 4834	Correct Answer	Paper Code 4836	Correct Answer	Paper Code 4838	Correct Answer
1	D	Sorting	B	Entities	D	•mdb	C	*
2	A	1	C	3NF	C	*	D	Sorting
3	B	Entities	D	•mdb	D	Sorting	A	1
4	C	3NF	C	*	A	1	B	entities
5	D	•mdb	D	Sorting	B	entities	C	3NF
6	C	*	A	1	C	3NF	D	•mdb
7	B	Debugging	B	4	A	Infinite ^{loop}	D	Zero
8	C	Mnemonics	C	Address	C	do-while	B	debugging
9	B	4	B	if-else	B	commas	C	Mnemonics
10	C	Address	A	infinite	D	Zero	B	4
11	B	if-else	C	do-while	B	debugging	C	Address
12	A	infinite loop	B	commas	C	Mnemonics	B	if-else
13	C	do-while	D	Zero	B	4	A	infinite loop
14	B	Commas	B	Debugging	C	Address	C	do-while
15	D	Zero	C	Mnemonics	B	if-else	B	commas
16								
17								
18								
19								
20								
Cross Check	A B C D		A B C D		A B C D		A B C D	
Total	2553		2553		2553		2553	

سریٰ فیض آباد کالج، سوات

یہ سہ ماہی امتحان CSC پرچہ II گروپ II انٹرمیڈیٹ پہلا سالانہ امتحان 2025 کا
 تسلیم پرچہ انتظامیہ و معائنہ (Subjective & Objective) کو منظر ترقی چیک کر لیا ہے یہ پرچہ Syllabus کے بین مطابق Set کیا گیا ہے۔ اس سوالیہ
 پرچہ میں کسی قسم کی کوئی اضافی نہ ہے۔ ہم نے حالیہ پرچہ کو اس کے گزشتہ Version بھی چیک کر لیا ہے۔ یہ Version آپس میں مطابقت رکھتے ہیں۔ نیز اس پرچہ
 میں موجود MCQs (MCQs) کی وجہ تصدیق کی جاتی ہے کہ اس میں کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے ہدایت
 حاصل کی ہے۔ ان ہدایتوں کے مطابق اس کی روشنی میں Key بنائی ہے۔ نیز سب ایڈمنسٹریٹر کو کیلئے تفصیلی مارکس ہدایت / مارکس شیٹ (Rubrics) بھی تیار کر دی گئی ہیں۔

Prepared & Checked By:

Dated: 15-03-23

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4	M. Imran Rafique	Lec	Govt. College of Science, Mult	03004097855	SM
5	Muhammad Ali	A.P	Govt. College of Science, Mult	0333-6189903	TH

Re-Checked By _____

Re-Checked By			
1	Muhammad Amin	Associate Prof	Govt. Graduate College Civil Engineering
2	Muhammad Imran	Assistant Prof	Govt. Model Graduate College Multan

INTERMEDIATE PART-II (12 th Class)		2025 (1 st -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)	Define data processing.	(ii)	Describe the transaction file.
(iii)	What is data independence?	(iv)	Discuss the concept of candidate key.
(v)	Enlist different properties of relation.	(vi)	Define data integrity.
(vii)	What is Second Normal Form(2NF)?	(viii)	Discuss two benefits of MS-ACCESS.
(ix)	What is the purpose of Form?		
3. Write short answers to any six parts.		C-LANGUAGE	6 × 2 = 12
(i)	What is the purpose of Linker in C-language?	(ii)	What are preprocessor directives?
(iii)	Why the logical error is the most difficult error?		
(iv)	What is the purpose of using '\n' escape sequence character?		
(v)	Find errors in the following code: float x = 5.0, y=4.0; x + y = x + y; y + x = x + y;	(vi)	What is the output of the following code? printf ("C:\\\\TC\\\\BIN");
(viii)	What is text stream?	(vii)	Give an example of scanf function that take multiple inputs in a single statement.
(ix)	Which access method can access the data directly?		
OR			
3. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	What is the purpose of language processor?	(ii)	Why source code is converted into object code?
(iii)	Why the logical error is the most difficult error?	(iv)	What is the purpose of vbCrLf?
(v)	What do you know about objects and properties?		
(vi)	What is the purpose of name property of a control?	(vii)	What are intrinsic controls?
(viii)	What is the difference between 'Value' property of option button and check box?		
(ix)	How the information is placed inside a List box or a combo box?		
4. Write short answers to any six parts		C-LANGUAGE	6 × 2 = 12
(i)	Define if-else structure, also draw its flowchart.		
(ii)	Compare multiple if() with switch-case structure.		
(iii)	Find errors in the following code: int R; r = 25; if (R >= 0); R = R + 1; else;	(iv)	Clarify the use of goto statement with the help of an example.
		(v)	How does a programmer decide to use a while loop versus a do loop?
		(vi)	Predict the output of the following code: for (int x=1; x <= 5; ++x) printf ("%d\t %d", x, x*x);
		(vii)	What is built-in function? Give some examples.
(viii)	Differentiate between function prototype and function definition.		
(ix)	What is global variable? How it is different than local variable?		
OR			
4. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	Define the use of input box.	(ii)	What is mouse over event?
(iii)	Differentiate between logical AND and logical OR operators.		
(iv)	Draw a flowchart of while-wend statement.		
(v)	Write output of following code: M = 1 do print M * 2 M ++ Loop while M <= 5	(vi)	Discuss the events of keyboard (any two).
		(vii)	How pre-test loop is different than post-test loop?
		(viii)	Which statement terminates a loop early?
		(ix)	Write syntax of FOR – EACH – LOOP.
SECTION-II			
NOTE: Attempt any one question.		MS-ACCESS	
5.	What is relationship? Explain different types of relationships.		2+6
6.	Explain different data types available in MS-ACCESS.		8
NOTE: Attempt any two questions. Either from "C-Language" OR "Visual Basic"			
C-Language			
7.	What is your understanding of comments in C-language? Define identifier and explain its types.		2+2+2+2
8.	Write a program that inputs three number from user and displays the smallest number.		8
9.	Write a program to display the following series: 1 4 9 16 25 using loop structure.		8
OR			
VISUAL BASIC			
7.	What is your understanding of comments in Visual Basic? Define identifier and explain its types.		2+2+2+2
8.	Write a program that inputs three number from user and displays the smallest number.		8
9.	Write a program to display the following series: 1 4 9 16 25 using loop structure.		8

Paper Code Number: 4832		2025 (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	The process of arranging data in a logical sequence is called:	Classifying	Summarizing	Capturing	Sorting
2	How many primary keys can a table have?	1	2	3	Many
3	Customers, cars and parts are example of:	Attributes	Entities	Cardinals	Relationships
4	Transitive dependency is removed in which normal form?	1NF	2NF	3NF	5NF
5	Microsoft access saves the file with the extension:	.msdb	.mdb	.mxls	.mdb
6	An example of wildcard character is:	&	#	*	”
C-LANGUAGE					
7	The process of removing errors in the program is called:	Fixing	Debugging	Linking	Compiling
8	An assembly language uses the symbols called:	English words	Binary digits	Mnemonics	Wildcards
9	How many bytes are occupied by a variable of float data type?	2	4	8	10
10	An ampersand before the name of a variable in scanf () function denotes:	Actual value	Variable name	Address	Data type
11	Conditional operator is an alternative of:	if	if-else	Nested if	Case-else
12	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
13	Which loop structure always executes at least once?	for	while	do-while	for-each
14	Multiple arguments to a function are separated by:	Colons	Commas	Periods	Semicolons
15	On successfully closing a file, the fclose() returns:	NULL	FILE POINTER	One	Zero
OR VISUAL BASIC					
7	Forms and controls are recognized as:	Properties	Objects	Methods	Events
8	A project file is saved with the following extension:	.frm	.vb	.vbp	.frx
9	How many bytes are occupied by a variable of single data type?	2	4	8	10
10	The expression 10 mod 6 has a value equal to:	0	2	4	6
11	In VB, which keyword indicates the starting point of decision structure?	Else	if	Then	Case
12	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
13	Which keyword is used to trigger the execution of another procedure?	Go	Start	Call	Run
14	Multiple arguments to a function is separated by:	Colons	Commas	Periods	Semicolons
15	The prefix for naming a menu item is:	M	men	mne	mnu

Paper Code Number: 4834		2025 (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	Customers, cars and parts are example of:	Attributes	Entities	Cardinals	Relationships
2	Transitive dependency is removed in which normal form?	1NF	2NF	3NF	5NF
3	Microsoft access saves the file with the extension:	.msdb	.mdb	.mxls	.mdb
4	An example of wildcard character is:	&	#	*	”
5	The process of arranging data in a logical sequence is called:	Classifying	Summarizing	Capturing	Sorting
6	How many primary keys can a table have?	1	2	3	Many
C-LANGUAGE					
7	How many bytes are occupied by a variable of float data type?	2	4	8	10
8	An ampersand before the name of a variable in scanf () function denotes:	Actual value	Variable name	Address	Data type
9	Conditional operator is an alternative of:	if	if-else	Nested if	Case-else
10	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
11	Which loop structure always executes at least once?	for	while	do-while	for-each
12	Multiple arguments to a function are separated by:	Colons	Commas	Periods	Semicolons
13	On successfully closing a file, the fclose() returns:	NULL	FILE POINTER	One	Zero
14	The process of removing errors in the program is called:	Fixing	Debugging	Linking	Compiling
15	An assembly language uses the symbols called:	English words	Binary digits	Mnemonics	Wildcards
OR					
VISUAL BASIC					
7	How many bytes are occupied by a variable of single data type?	2	4	8	10
8	The expression 10 mod 6 has a value equal to:	0	2	4	6
9	In VB, which keyword indicates the starting point of decision structure?	Else	if	Then	Case
10	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
11	Which keyword is used to trigger the execution of another procedure?	Go	Start	Call	Run
12	Multiple arguments to a function is separated by:	Colons	Commas	Periods	Semicolons
13	The prefix for naming a menu item is:	M	men	mne	mnu
14	Forms and controls are recognized as:	Properties	Objects	Methods	Events
15	A project file is saved with the following extension:	.frm	.vb	.vbp	.frx

Paper Code Number: 4836		2025 (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	Microsoft access saves the file with the extension:	.msdb	madb	.mxls	.mdb
2	An example of wildcard character is:	&	#	*	”
3	The process of arranging data in a logical sequence is called:	Classifying	Summarizing	Capturing	Sorting
4	How many primary keys can a table have?	1	2	3	Many
5	Customers, cars and parts are example of:	Attributes	Entities	Cardinals	Relationships
6	Transitive dependency is removed in which normal form?	1NF	2NF	3NF	5NF
C-LANGUAGE					
7	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
8	Which loop structure always executes at least once?	for	while	do-while	for-each
9	Multiple arguments to a function are separated by:	Colons	Commas	Periods	Semicolons
10	On successfully closing a file, the fclose() returns:	NULL	FILE POINTER	One	Zero
11	The process of removing errors in the program is called:	Fixing	Debugging	Linking	Compiling
12	An assembly language uses the symbols called:	English words	Binary digits	Mnemonics	Wildcards
13	How many bytes are occupied by a variable of float data type?	2	4	8	10
14	An ampersand before the name of a variable in scanf () function denotes:	Actual value	Variable name	Address	Data type
15	Conditional operator is an alternative of:	if	if-else	Nested if	Case-else
OR					
VISUAL BASIC					
7	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
8	Which keyword is used to trigger the execution of another procedure?	Go	Start	Call	Run
9	Multiple arguments to a function is separated by:	Colons	Commas	Periods	Semicolons
10	The prefix for naming a menu item is:	M	men	mne	mnu
11	Forms and controls are recognized as:	Properties	Objects	Methods	Events
12	A project file is saved with the following extension:	.frm	.vb	.vbp	.frx
13	How many bytes are occupied by a variable of single data type?	2	4	8	10
14	The expression 10 mod 6 has a value equal to:	0	2	4	6
15	In VB, which keyword indicates the starting point of decision structure?	Else	if	Then	Case

Paper Code Number: 4838		2025 (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	An example of wildcard character is:	&	#	*	”
2	The process of arranging data in a logical sequence is called:	Classifying	Summarizing	Capturing	Sorting
3	How many primary keys can a table have?	1	2	3	Many
4	Customers, cars and parts are example of:	Attributes	Entities	Cardinals	Relationships
5	Transitive dependency is removed in which normal form?	1NF	2NF	3NF	5NF
6	Microsoft access saves the file with the extension:	.msdb	.mdb	.mxls	.mdb
C-LANGUAGE					
7	On successfully closing a file, the fclose() returns:	NULL	FILE POINTER	One	Zero
8	The process of removing errors in the program is called:	Fixing	Debugging	Linking	Compiling
9	An assembly language uses the symbols called:	English words	Binary digits	Mnemonics	Wildcards
10	How many bytes are occupied by a variable of float data type?	2	4	8	10
11	An ampersand before the name of a variable in scanf () function denotes:	Actual value	Variable name	Address	Data type
12	Conditional operator is an alternative of:	if	if-else	Nested if	Case-else
13	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
14	Which loop structure always executes at least once?	for	while	do-while	for-each
15	Multiple arguments to a function are separated by:	Colons	Commas	Periods	Semicolons
OR					
VISUAL BASIC					
7	The prefix for naming a menu item is:	M	men	mne	mnu
8	Forms and controls are recognized as:	Properties	Objects	Methods	Events
9	A project file is saved with the following extension:	.frm	.vb	.vbp	.frx
10	How many bytes are occupied by a variable of single data type?	2	4	8	10
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13	The loop which never ends is called:	infinite loop	running loop	continuous loop	Nested loop
14	Which keyword is used to trigger the execution of another procedure?	Go	Start	Call	Run
15	Multiple arguments to a function is separated by:	Colons	Commas	Periods	Semicolons