

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE 2nd ANNUAL EXAMINATION, 2025

Name of Subject: CSC

Group:

Q. Nos	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer	Paper Code	Correct Answer								
	4831		4833		4835		4837									
1	B	Information	C	Entity Integrity	B	2	A	Triangle								
2	D	view	D	Fields	B	Information	C	Entity Integrity								
3	A	Triangle	B	2	D	view	D	Fields								
4	C	Entity Integrity	B	Information	A	Triangle	B	2								
5	D	Fields	D	view	C	Entity Integrity	B	Information								
6	B	2	A	Triangle	D	Fields	D	view								
7	A	Compiling	A	Nested Loop	D	Function Header	B	Lower Case								
8	D	.obj	C	7	B	Hard Disk	C	%								
9	B	Lower Case	D	Function Header	A	Compiling	B	if-else								
10	C	%	B	Hard Disk	D	.obj	A	Nested Loop								
11	B	if-else	A	Compiling	B	Lower Case	C	7								
12	A	Nested Loop	D	.obj	C	%	D	Function Header								
13	C	7	B	Lower Case	B	if-else	B	Hard Disk								
14	D	Function Header	C	%	A	Nested Loop	A	Compiling								
15	B	Hard Disk	B	if-else	C	7	D	.obj								
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	4	3	5	3	4	3	5	3	4	3	5	3	4

سرٹیفکیٹ بابت تصحیح سوالیہ پرچہ امارنگ

ہم نے مضمون کمپیوٹر سائنس پرچہ Final گروپ ----- انٹر میڈیٹ دوسرا سالانہ امتحان 2025 کا سوالیہ پرچہ انشائیہ و معروضی (Subjective & Objective) کو نظر 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) 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: 10-11-25

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1	M. Izhar Latif	Associate Prof.	Govt. Graduate College	03336116416	
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Re-Checked By ہم نے درج بالا سوالیہ پرچہ (انشائیہ + معروضی) معروضی "Key" اور ہدایات کے حوالہ سے مکمل طور پر تلی کر لیا ہے۔ کسی قسم کی کوئی غلطی نہ ہے۔

1	M. Imran Bashir	Asst. Prof.	Govt. Millat Graduate College	03017423032	
2					

11-11-25 تاریخ

INTERMEDIATE PART-II (12 th Class)		2025 (2 nd -A)	Roll No: _____
COMPUTER SCIENCE PAPER-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 database and database management system?	(iii)	Enlist the types of database models.
(ii)	Express two advantages of database systems.	(iv)	What is the difference between data administrator and database administrator?
(v)	Write down any two properties of relation.	(vi)	Where synonyms and homonyms exist in databases?
(vii)	What is transitive dependency?	(viii)	Differentiate between toolbar and menu bar?
(ix)	What are uses of scroll bar and status bar?		
3. Write short answers to any six parts.		C-LANGUAGE	6 × 2 = 12
(i)	Define Program.	(ii)	Distinguish between low level and high level language.
(iii)	Name two types of preprocessors directives.	(iv)	What do you know about gets () function?
(v)	Name any four escape sequences.		
(vi)	Predict the output of the given code segment: int a, b, c; a = 11, b = 13; c = a * b; printf(" C % 3 d ", -- C);	(vii)	Find errors in the given code segment: #include (stdio.h); Void main (); { printf ("Welcome"); }
(viii)	How is a file closed?	(ix)	What is a string?
OR			
3. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	Define Program.	(ii)	Distinguish between low-level and high level language.
(iii)	Differentiate between hiding and closing a form.		
(iv)	Write down any two rules to give name to a variable.	(v)	Describe Implicit declaration.
(vi)	What is user-defined constant?	(vii)	Define Concatenation.
(viii)	How is a file closed?	(ix)	What is a string variable?
4. Write short answers to any six parts		C-LANGUAGE	6 × 2 = 12
(i)	Define Flowchart.	(ii)	Why break statement is used in a switch () structure?
(iii)	Trace the errors in the given code: int a = 2; IF (a = 1) printf ("OK"); ELSE printf ("cancel");	(iv)	Which three steps must be taken using loop control variable?
(v)	Trace the errors in the given code: void main () Far (int n = 1 ; n <= 5 , n++) { printf (" % d " ; n); }	(vi)	Find the output of the given code segment: int i = 1; do { printf (" % d \ t % d \ n " , i , i*i*i); i++; } while (i <= 3);
(vii)	Define local variable.	(viii)	What is meant by the term reusability of function?
(ix)	What is function declaration?		
OR			
4. Write short answers to any six parts		VISUAL BASIC	6 × 2 = 12
(i)	Define Flowchart.	(ii)	Describe the difference between variable and constant.
(iii)	How can the user continue a very long basic statement to another line?		
(iv)	Which three steps must be done using loop control variable?		
(v)	Which statement terminate Do and For loops early?	(vi)	When should you use Do --- While --- loop?
(vii)	Define Local variable.	(viii)	What is meant by the term reusability of function?
(ix)	Define Tooltip. How can it be used?		
SECTION-II			
NOTE: Attempt any one question.		MS-ACCESS	
5.	Define data modeling. Explain Ingredients of data modeling.		8
6.	How would you define query? Discuss any three types of queries.		2 + 6 = 8
NOTE: Attempt any two questions. Either from "C-Language" OR "Visual Basic"			
C-Language			
7.	What is Variable? Discuss rules for naming variables.		2 + 6 = 8
8.	Write a program that inputs two numbers and finds if second number is square of the first number.		8
9.	Write a program that displays the first five numbers and their sum using 'while' loop.		8
OR			
VISUAL BASIC			
7.	What is Variable? Discuss rules for naming variables.		2 + 6 = 8
8.	Write a program in Visual Basic that inputs two numbers and finds if second number is square of the first number.		8
9.	Write a program that displays the first five numbers and their sum using 'while - wend' loop.		8

Paper Code Number: 4831		2025 (2 nd -A) INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
COMPUTER SCIENCE PAPER-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 manipulated and processed data is called:	Object	Information	Knowledge	Data
2	A virtual table that is constructed from other tables is called:	Table	Relation	Tuple	View
3	Which one of the given symbol is not used in an ERD?	Triangle	Oval	Rectangle	Diamond
4	The _____ rule states that the primary key value can not be null.	Referential integrity	Enterprise integrity	Entity integrity	Description integrity
5	The columns of a table correspond to:	Tables	Records	Cells	Fields
6	How many table views are available in MS-Access?	1	2	3	4
C-LANGUAGE					
7	The process of converting source code into object code is known as:	Compiling	Executing	Linking	Loading
8	The extension of object file is:	.c	.exe	.b	.obj
9	All keywords in C are written in:	Upper case	Lower case	Title case	Camel case
10	Format specifier is started with symbol:	?	&	%	*
11	Which one of the given is used for making two-way decision?	if	if-else	if-else-if	switch
12	A loop within a loop is called:	Nested loop	Complex loop	Infinite loop	Dual loop
13	What will be the final value of <i>b</i> after executing the given code: for(int b = 1 ; b < 7; b++)	1	6	7	8
14	The first line of function definition is known as:	Function body	Return type	Arguments	Function header
15	A file is stored in:	RAM	Hard disk	ROM	Cache
OR					
VISUAL BASIC					
7	The step by step procedure to solve a problem is called:	Algorithm	Flowchart	Program	Problem
8	The rectangle symbol in flowchart indicates:	Input	Output	Condition	Process
9	Which programming structure executes statements in order?	Repetition	Sequence	Decision	Function
10	Relational operator allow you to _____ numbers.	Add	Compare	Divide	Multiply
11	Which one of the given is not a variable data type?	Integer	Real	Currency	String
12	A loop within a loop is called:	Nested loop	Running loop	Ending loop	Starting loop
13	Which method is used to locate an item in a list box?	Index	Selected	Set selected	Set index
14	All items in a list box can be cleared at once using:	Remove	Delete	Exit	Clear
15	Which one of the given is not a control?	Text-box	Close	Command-button	Check-box

Paper Code Number: 4833		2025 (2 nd -A)		INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
COMPUTER SCIENCE PAPER-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 _____ rule states that the primary key value can not be null.	Reterential integrity	Enterprise integrity	Entity integrity	Description integrity		
2	The columns of a table correspond to:	Tables	Records	Cells	Fields		
3	How many table views are available in MS-Access?	1	2	3	4		
4	The manipulated and processed data is called:	Object	Information	Knowledge	Data		
5	A virtual table that is constructed from other tables is called:	Table	Relation	Tuple	View		
6	Which one of the given symbol is not used in an ERD?	Triangle	Oval	Rectangle	Diamond		
C-LANGUAGE							
7	A loop within a loop is called:	Nested loop	Complex loop	Infinite loop	Dual loop		
8	What will be the final value of <i>b</i> after executing the given code: for(int b = 1 ; b < 7; b++)	1	6	7	8		
9	The first line of function definition is known as:	Function body	Return type	Arguments	Function header		
10	A file is stored in:	RAM	Hard disk	ROM	Cache		
11	The process of converting source code into object code is known as:	Compiling	Executing	Linking	Loading		
12	The extension of object file is:	.c	.exe	.b	.obj		
13	All keywords in C are written in:	Upper case	Lower case	Title case	Camel case		
14	Format specifier is started with symbol:	?	&	%	*		
15	Which one of the given is used for making two-way decision?	if	if-else	if-else-if	switch		
OR							
VISUAL BASIC							
7	A loop within a loop is called:	Nested loop	Running loop	Ending loop	Starting loop		
8	Which method is used to locate an item in a list box?	Index	Selected	Set selected	Set index		
9	All items in a list box can be cleared at once using:	Remove	Delete	Exit	Clear		
10	Which one of the given is not a control?	Text-box	Close	Command-button	Check-box		
11	The step by step procedure to solve a problem is called:	Algorithm	Flowchart	Program	Problem		
12	The rectangle symbol in flowchart indicates:	Input	Output	Condition	Process		
13	Which programming structure executes statements in order?	Repetition	Sequence	Decision	Function		
14	Relational operator allow you to _____ numbers.	Add	Compare	Divide	Multiply		
15	Which one of the given is not a variable data type?	Integer	Real	Currency	String		

Paper Code Number: 4835	2025 (2 nd -A)	
COMPUTER SCIENCE	INTERMEDIATE PART-II (12 th Class)	Roll No: _____

PAPER-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	How many table views are available in MS-Access?	1	2	3	4
2	The manipulated and processed data is called:	Object	Information	Knowledge	Data
3	A virtual table that is constructed from other tables is called:	Table	Relation	Tuple	View
4	Which one of the given symbol is not used in an ERD?	Triangle	Oval	Rectangle	Diamond
5	The _____ rule states that the primary key value can not be null.	Reterential integrity	Enterprise integrity	Entity integrity	Description integrity
6	The columns of a table correspond to:	Tables	Records	Cells	Fields

C-LANGUAGE

7	The first line of function definition is known as:	Function body	Return type	Arguments	Function header
8	A file is stored in:	RAM	Hard disk	ROM	Cache
9	The process of converting source code into object code is known as:	Compiling	Executing	Linking	Loading
10	The extension of object file is:	.c	.exe	.b	.obj
11	All keywords in C are written in:	Upper case	Lower case	Title case	Camel case
12	Format specifier is started with symbol:	?	&	%	*
13	Which one of the given is used for making two-way decision?	If	if-else	if-else-if	switch
14	A loop within a loop is called:	Nested loop	Complex loop	Infinite loop	Dual loop
15	What will be the final value of <i>b</i> after executing the given code: for(int b = 1 ; b < 7; b++)	1	6	7	8

**OR
VISUAL BASIC**

7	All items in a list box can be cleared at once using:	Remove	Delete	Exit	Clear
8	Which one of the given is not a control?	Text-box	Close	Command-button	Check-box
9	The step by step procedure to solve a problem is called:	Algorithm	Flowchart	Program	Problem
10	The rectangle symbol in flowchart indicates:	Input	Output	Condition	Process
11	Which programming structure executes statements in order?	Repetition	Sequence	Decision	Function
12	Relational operator allow you to _____ numbers.	Add	Compare	Divide	Multiply
13	Which one of the given is not a variable data type?	Integer	Real	Currency	String
14	A loop within a loop is called:	Nested loop	Running loop	Ending loop	Starting loop
15	Which method is used to locate an item in a list box?	Index	Selected	Set selected	Set index

Paper Code Number: 4837		2025 (2 nd -A) INTERMEDIATE PART-II (12 th Class)		Roll No: _____	
COMPUTER SCIENCE PAPER-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
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2	The _____ rule states that the primary key value can not be null.	Reterential integrity	Enterprise integrity	Entity integrity	Description integrity
3	The columns of a table correspond to:	Tables	Records	Cells	Fields
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8	Format specifier is started with symbol:	?	&	%	*
9	Which one of the given is used for making two-way decision?	If	if-else	if-else-if	switch
10	A loop within a loop is called:	Nested loop	Complex loop	Infinite loop	Dual loop
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OR					
VISUAL BASIC					
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