

INTERMEDIATE PART-II (12th CLASS) (SPECIAL EXAMINATION)**COMPUTER SCIENCE PAPER-II**

TIME ALLOWED: 2.10 Hours

SUBJECTIVE

MAXIMUM MARKS: 60

NOTE: Write same question number and its part number on answer book, as given in the question paper.**SECTION-I****2. Answer briefly any Six parts from the following:****6 × 2 = 12****MS-ACCESS**

- | | |
|---|---|
| (i) Define primary key. | (ii) What is a relation in database? |
| (iii) List activities in data analysis. | (iv) List four data distribution strategies. |
| (v) Define data redundancy. | (vi) Write procedure to exit from Microsoft Access. |
| (vii) Define criteria in query. | (viii) What is a join? |
| (ix) List any two uses of form. | |

3. Answer briefly any Six parts from the following:**6 × 2 = 12****C-LANGUAGE**

- | | |
|---|--|
| (i) Define source code. | (ii) Write down the use of "include" preprocessor. |
| (iii) What are run-time errors? | (iv) Define user-defined identifier. give two examples. |
| (v) Differentiate between declaring and defining a variable. | |
| (vi) Define arithmetic operator and list different arithmetical operators in C. | |
| (vii) Predict the output of the following code segment:
<pre>int x = 10; (x%2==0? printf("EVEN"): printf("Odd"));</pre> | (viii) Predict the output of the following code segment:
<pre>if (7%3==0) printf("LAHORE"); else printf("RAWALPINDI");</pre> |
| (ix) Find errors in the following code segment:
<pre>if (7 != 10); printf("Hello"); else-do printf("Welcome");</pre> | |

4. Answer briefly any Six parts from the following:**6 × 2 = 12****C-LANGUAGE**

- | | |
|--|--|
| (i) What is format string in printf function? | (ii) Define field width specifier. |
| (iii) What is difference between getch and getche functions? | |
| (iv) Find the errors in following code segment:
<pre>#Include <Stdio> Void main () Count = 1; While (count <= 10); printf(count = %d, Count)</pre> | |
| (v) Trace the output of the following piece of code:
<pre>int j = 10; for (int i = 1; i <= 5; ++i) { printf("%d%d\n", i, j); j-- = 2; }</pre> | |
| (vi) Trace the output of the following code segment:
<pre>int i = 1; while (i <= 5) { printf("\ni = %d", i); i++; }</pre> | |
| (vii) What is the difference between built-in and user-defined functions? | |
| (viii) Define Local variable. | (ix) What do you know about Text Stream? |

SECTION-II**NOTE: Attempt any one question.****8 × 1 = 8****MS-ACCESS**

5. What is file? How do we organize the files on storage media?
6. What are the conditions for a relation to be in second normal form?

SECTION-III**NOTE: Attempt any two questions.****8 × 2 = 16****C-LANGUAGE**

7. Write in detail basic structure of C Program.
8. What is if statement? Explain its working with example.
9. Write a program that input a number and print its table.

COMPUTER SCIENCE PAPER-II

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

Note: 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. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1**MS-ACCESS**

- (1) The manipulated and processed data is called:
 (A) Data (B) Information (C) Process (D) Procedure
- (2) A relation is also known as:
 (A) Table (B) Tuple (C) Relationship (D) Attribute
- (3) Which of the following keys does not hold uniqueness property?
 (A) Candidate key (B) Foreign key (C) Primary key (D) Alternate key
- (4) In 3NF, which form of dependency is removed?
 (A) Functional (B) Non-functional (C) Associative (D) Transitive
- (5) A record is a complete set of _____ field.
 (A) Distinct (B) Designed (C) Related (D) Similar
- (6) How many types of relationship?
 (A) 3 (B) 2 (C) 4 (D) 5

C-LANGUAGE

- (7) Which of the following key is used to save a file?
 (A) F2 (B) F3 (C) F5 (D) F9
- (8) C is a:
 (A) Low level language (B) Assembly language (C) High level language (D) Machine language
- (9) When the result of the computation of two very small numbers is too small to be represented, this phenomenon is called:
 (A) Arithmetic overflows (B) Truncation (C) Round off (D) Arithmetic underflow
- (10) The symbol "=", represents:
 (A) Comparison operator (B) Assignment operator (C) Equal to operator (D) Not equal to operator
- (11) In printf, the first parameter is always a:
 (A) Character (B) Format string (C) Format specifier (D) Escape sequence
- (12) The escape sequence for backslash is:
 (A) \ (B) \\ (C) \f (D) \r
- (13) Conditional operator is used as alternative of:
 (A) if statement (B) nested if statement (C) if-else statement (D) nested if-else statement
- (14) Which control structure execute a statement or set of statements repeatedly?
 (A) Loop (B) Sequence (C) Selection (D) Logical
- (15) Global variables are created in:
 (A) ROM (B) Cache (C) Hard disk (D) RAM

COMPUTER SCIENCE PAPER-II

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

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COMPUTER SCIENCE PAPER-II

TIME ALLOWED: 20 Minutes

OBJECTIVE

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12
01/50M

BOARD OF INTERMEDIATE AND SECONDARY EDUCATION, MULTAN.
OBJECTIVE KEY FOR INTERMEDIATE ANNUAL EXAMINATION, 2021

Special

Name of Subject: Computer Science Session: Special 2021

Q.Nos	Paper Code 4831	Paper Code 4833	Paper Code 4835	Paper Code 4837
1	B	D	B	A
2	A	C	D	B
3	B	A	C	D
4	D	B	A	C
5	C	A	B	A
6	A	B	A	B
7	A	B	D	C
8	C	B	B	D
9	D	B	B	B
10	B	C	B	B
11	B	A	C	B
12	B	D	A	C
13	C	A	D	A
14	A	C	A	D
15	D	D	C	A
16	/	/	/	/
17	/	/	/	/
18	/	/	/	/
19	/	/	/	/
20	/	/	/	/

سرٹیفکیٹ بابت صحیح سوالیہ پرچہ امارکنگ Key

ہم نے مضمون کمپیوٹر سائنس پرچہ II گروپ انٹرمیڈیٹ پارٹ سیکنڈ امتحان 2021ء کا سوالیہ پرچہ انشائیہ و معروضی (Subjective & Objective) کو بنظر عمیق چیک کر لیا ہے یہ پرچہ ALP 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: 02-12-2021

S.#	Name	Designation	Institution	Mobile No	Signature
1	MUBASHAR ALI	Principal	Govt. Associate College Sasai Sidi, Khanewal	0300-7340154	Mubashar Ali
2	M. Imran Basim	A/P	Govt. Model Associate College Multan	030174123032	Imran Basim
3	M. Imran Rafique	Lecturer	Govt. College of Science, Multan	03004097553	Imran Rafique

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

1	M. IQBAL LATIF	A/P	Govt. AMO Associate College Shujabad, Multan	0333 6116416	Iqbal Latif
2					

تاریخ: 03-12-2021