UNIVERSITY OF KARACHI

DEPARTMENT OF APPLIED CHEMISTRY

Course# 304 COMPUTER AND INFORMATION SYSTEM Max. Marks:

**Date: 08-April -2019 GENERAL SUPPLY EXAM Time: Hrs**

**SECTION ‘A’ ‘Multiple Choice Questions’ Max. Marks. \_\_**

**Q1. Choose the correct answer for each from the given options:**

1. C language is developed by

\*Charles Babbage \*Denis Ritchie \* Blaise Pascal \* G. William

1. In C language ‘\n’ is used for:

\*line break \*Form Feed \*Alert \*Carriage return

1. In flowchart, an rectangle Shape is used for:

\* Decision \* Start/Stop \*processing \* Flow

1. All C program statements must be terminate by following

\* , \* ; \* & \* None of these

1. integer type data occupies:

\*1 byte \*2 byte \*4 byte \*None of these

1. C language is a:

\*Low level language \*High level language \*Machine level language \*None of these

1. The step by step solution of any program is called:

\*a flowchart \*a pseudo code \*an algorithm \*none of these

1. Character type data occupies:

\*1 byte \*2 byte \*4 byte \*None of these

**Section ‘B’ Programming In C Language Max. Marks\_\_\_**

**Q2. Answer \_\_\_\_ questions.**

1. Explain Algorithm and write different algorithm standard notations.
2. What is a flowchart? Describe different symbols used while drawing a flowchart.
3. Explain why we use Comments in programming languages.
4. Write the printf() statement to print the following phrase using escape sequence.

“Pakistan Zindabad”

How are you?

What is your father’s name?

1. Explain why we use Comments in programming languages.
2. Write a program that will print the following pattern

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1. Write an algorithm and draw a flowchart for convert Centigrade oC scale to Fahrenheit oF

(Hint:  °F = °C \* 1.8 + 32 )

**Section ‘C’ Max. Marks\_\_\_**

**Q3. Answer \_\_\_\_ questions.**

1. What is topology? Name different topologies with the help of diagram?
2. What are the benefits of developing a computer network?
3. Explain Wireless transmission medium.
4. Differentiate between
5. Impact and Non impact printers
6. RAM and ROM

**Section ‘D’ Number System Max. Marks\_\_\_**

Q4: Convert the following

1. (11111)2=(?)10
2. (756)8=(?)2
3. (F16)16=(?)2
4. (9226)10=(?)8

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