

Daffodil International University

Faculty of Science and Information Technology
Department of Computing and Information System

Class Test Examination: Spring Semester 2021

Program: B.Sc. in CIS (Batch – 5th) 3rd Year 1st Semester

Course Code: CIS 312

Course Title: Computer Architecture and Organization

Time: 40 Minutes

Total Marks: 15 X 1 = 15

Student ID:	Batch:	Session:
-------------	--------	----------

Part 1: MCQ

These are single best answer type of questions. Write down the most appropriate one on your answer script.

- Which one is not the type of language?
 - Assembly
 - Machine
 - High
 - None of them
- The last statement of the source program should be given by the following commands.....
 - Stop
 - Return
 - OP
 - End
- int 21h where int means
 - Interrupt
 - Load
 - Integer
 - Input
- MOV AH, 2 where 2 has been given for taking.....
 - Output
 - Input
 - Hybrid
 - Cache
- Instruction set is a group of.....
 - Commands
 - Programs
 - Files
 - Data

6. 3 bits full adder contains.....
 - a) 3 combinational inputs
 - b) 4 combinational inputs
 - c) 6 combinational inputs
 - d) 8 combinational inputs
7. Flip flop is an example of circuits
 - a) combinational
 - b) sequential
 - c) hybrid
 - d) None of the above
8. The logic circuits whose outputs at any instant of time depends only on the present input is called.....
 - a) Combinational circuits
 - b) Sequential circuits
 - c) Latches
 - d) Flip-flops
9. A basic S-R flip-flop can be constructed by cross-coupling of which basic logic gates?
 - a) AND or OR gates
 - b) XOR or XNOR gates
 - c) NOR or NAND gates
 - d) AND or NOR gates
10. The addressing mode which is not the types of addressing mode?
 - a) Indirect addressing mode
 - b) Direct addressing mode
 - c) Relative addressing mode
 - d) Onset addressing mode
11. MOV BL, AL
 - a) move bl to al
 - b) change al to bl
 - c) move al to bl
 - d) no change
12. Which one is not the type of register?
 - a) AX
 - b) BX
 - c) CX
 - d) DCX

13. addressing mode is most suitable to change the normal sequence of execution of instructions.
- a) Relative
 - b) Indirect
 - c) Index with Offset
 - d) Immediate
14. The time between the receiver of an interrupt and its service is.....
- a) Interrupt delay
 - b) Interrupt latency
 - c) Cycle time
 - d) Switching time
15. The first assembly language was developed by
- a) Kathleen Booth
 - b) Bill gates
 - c) Dr Solomon
 - d) Stuart L