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SUBJECT CODE NO:- B-2037
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y. (Sem-I) Examination Oct/Nov 2019
Computer Science Paper-I CS01
Computer Fundamentals

[Time: 1:30 Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

- N.B
- 1) Attempt all questions.
 - 2) Illustrate your answer with suitable labeled diagram.
- Q.1
- a) Explain Basic organizations of computer with the help of diagram. 10
 - b) Explain concept of interpreter and compiler. 10
- OR
- a) Explain assembly language and Low level language. 10
 - b) What is operating system? Explain Time sharing o. s. 10
- Q.2
- a) Explain structure of instruction in processors. 10
 - b) What is algorithm? Explain with suitable example. List out features of algorithm. 10
- OR
- Write short notes on (any Four) 20
- a) Fifth generations computers
 - b) Flowcharts symbols
 - c) ROM
 - d) Batch O.S
 - e) Super computer
 - f) OMR
- Q.3 Multiple choice questions 10
- 1) The speed of computer is generally measured in terms of _____.
 - a) FLOPS
 - b) kg
 - c) PLOPS
 - d) DOPS
 - 2) ALU means _____.
 - a) Arithmetic logic unit
 - b) Arithmetic line unit
 - c) Auto line unit
 - d) None of these
 - 3) Group of 8 bit is referred as _____.
 - a) Bit
 - b) Byte
 - c) Kilo byte
 - d) Mega byte
 - 4) In first generation of computer ____ were used.
 - a) Transistor
 - b) IC
 - c) Processor
 - d) Vacuum tubes

- 5) _____ is not primary memory.
a) ROM b) EPROM c) PROM d) CD-ROM
- 6) 1 GB means _____.
a) 1024 KB b) 1024 MB
c) 1024 bytes ; d) None of these
- 7) Diagrammatic representation of program is _____.
a) Algorithm b) Flow chart
c) Process d) Image
- 8) _____ is an example of single user O.S.
a) Unix b) Linux c) DOS d) Windows
- 9) Language written in terms of zeros and ones is called _____.
a) H.L.L b) Assembly language
c) L.L.L d) Middle level language
- 10) Software which converts H.L.L. into L.L.L is called _____.
a) Assembler b) Compiler
c) Interpreter d) Linker