

BLISc Sem.-1 Examination

404

Fundamentals of IT

May-2025

[Max. Marks : 35]

Time : 1-15 Hours]

પ્ર. ૧ માહિતી અને પ્રત્યાયન ટેકનોલોજી એટલે શું ? ગ્રંથાલય અને માહિતી સેવામાં માહિતી અને 15
પ્રત્યાયન ટેકનોલોજીનું જરૂરિયાત અને મહત્વ સમજાવો.

અથવા

સોફ્ટવેર શબ્દથી આપ શું સમજો છો? સિસ્ટમ સોફ્ટવેર અને એપ્લિકેશન સોફ્ટવેર વચ્ચેનો
તફાવત જણાવો.

પ્ર. ૨ નીચેના પૈકી કોઈપણ બે વિશે ટૂંકનોંધ લખો. 10

(૧) ગ્રંથાલયમાં ઉપયોગમાં લેવાતા વિવિધ સોફ્ટવેરોનું વર્ણન કરો.

(૨) કોમ્પ્યુટરની પાંચ પેઢીઓ વિષે લખો.

(૩) કમ્પ્યુટરના વિવિધ પ્રકારો

પ્ર. ૩ અંગ્રેજી વર્ઝન પ્રમાણે. 10

English Version

Q. 1 What is ICT? Explain about Need and importance of ICT in library and information 15
services.

OR

What do you understand by the term 'Software'? Explain the difference between
systems software and application software.

Q. 2 Write Short Notes (Any Two) 10

(1) Describe in detail about various application software used in the library.

(2) Elaborate five Generations of computers.

(3) Various types of computers

Q. 3 Select and write the correct answer from following multiple choice questions 10

1. The statement "the study, design, development, implementation, support or management of
computer-based information systems, particularly software applications and computer
Hardware" refers to

(a) Information and Data Technology (IDT) (b) Information Technology (IT)

(c) Artificial Intelligence (AI) (d) Information and Collaborative
Technology (ICT)

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2. The presentation of information in a non-sequential style and pattern in ..
(a) Multimedia (b) Hypermedia
(c) Hypertext (d) Publishing
3. Who is the father of Computers?
(a) Dennis Ritchie (b) Bjarne Stroustrup
(c) Charles Babbage (d) James Gosling
4. What are five components of a computer system?
(a) CPU, CD-ROM, Mouse, Keyboard, Sound Card (b) Memory, Video Card, Monitor, Software, Hardware
(c) Modem, Keyboard, Word Processor, Printer, Screen (d) CPU, Memory, System bus, Input, Output
5. Which of the following values is the correct value of this hexadecimal code (ABCDEF)₁₆?
(a) (11259375)₁₀ (b) (11259312)₁₀
(c) (11259379)₁₀ (d) (11257593)₁₀
6. Which of the following is the brain of the computer?
(a) Arithmetic and Logic unit (b) Memory
(c) Control unit (d) Central Processing Unit
7. Which of the following values is the correct value of this Hexadecimal code (1F.01B)₁₆?
(a) (30.0065918)₁₀ (b) (31.0065918)₁₀
(c) (32.0065918)₁₀ (d) (35.0065918)₁₀
8. Batch processing was mainly used in this generation.
(a) 2nd (b) 3rd
(c) 1st (d) 5th
9. Who first used the Binary system in Computers?
(a) Blaise Pasca (b) Lady Ada Augusta
(c) John Von Neuman (d) Charles Babbage
10. _____ is an emerging branch in computer science, which interprets means and method of making computers think like human beings.
(a) Block chain (b) Cloud computing
(c) VR (d) AI

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