

Enrolment No. /Seat No.: _____

GUJARAT TECHNOLOGICAL UNIVERSITY
M.SC(IT)- INTEGRATED – SEMESTER II- EXAMINATION –WINTER-2024

Subject Code:1320505

Date: 29/11/2024

Subject Name: Introduction of Computer Hardware & Peripherals

Time:02:30 PM TO 05:00 PM

Total Marks: 70

Instructions:

- 1. Attempt all questions.**
- 2. Make Suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Use of simple calculators and non-programmable scientific calculators are permitted.**

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|------------|--|-----------|
| Q.1 | (a) Explain types of computers. | 03 |
| | (b) Explain types of input devices. | 04 |
| | (c) Explain Operating System in detail. | 07 |
| Q.2 | (a) What is software? Explain its types. | 03 |
| | (b) Explain Hard disk in detail. | 04 |
| | (c) Explain control panel in detail. | 07 |
| OR | | |
| | (c) Explain network troubleshooting in detail. | 07 |
| Q.3 | (a) What is AMD? | 03 |
| | (b) Explain SMPS in detail. | 04 |
| | (c) Explain secondary storage device in detail. | 07 |
| OR | | |
| Q.3 | (a) What is BIOS? | 03 |
| | (b) Explain types of RAM. | 04 |
| | (c) Explain components of mother board in detail. | 07 |
| Q.4 | (a) What is Form factor? | 03 |
| | (b) Explain optical media. | 04 |
| | (c) Explain CISC & RISC in detail. | 07 |
| OR | | |
| Q.4 | (a) What is MBR? | 03 |
| | (b) Explain data recovery. | 04 |
| | (c) Explain file system in detail. | 07 |
| Q.5 | (a) What is Beep code?. | 03 |
| | (b) Explain printers in detail. | 04 |
| | (c) Explain generations of computers in detail. | 07 |
| OR | | |
| Q.5 | (a) What is SMPS? | 03 |
| | (b) Explain Data restoration techniques. | 04 |
| | (c) Explain Pentium series processors in detail. | 07 |
