

Reg No:.....

K24FY1221

Name :.....

**First Semester FYUGP Computer Science Examination**  
**NOVEMBER 2024 (2024 Admission onwards)**  
**KU1MDCCSC101 (ESSENTIALS OF COMPUTING)**  
(DATE OF EXAM: 29-11-2024)

Time : 90 min

Maximum Marks : 50

**Part A (Answer any 6 questions. Each carries 2 marks)**

1. What is HDD? 2
2. What is A ROM in Computer System? 2
3. Define SSD. 2
4. Write a note on Hexadecimal Number System 2
5. Write short note on the functions of operating system 2
6. What is the use of loaders? 2
7. What is an assembler. 2
8. List the hardware components required for networking computers. 2

**Part B (Answer any 4 questions. Each carries 6 marks)**

9. Compare primary and secondary storage devices. 6
10. Explain i)USB ii)Ethernet iii) HDMI 6
11. Write a note on HEX number system. What are the use of HEX number system 6
12. Explain the functions of operating system in detail. 6
13. Explain various phases of programme development life cycle. 6
14. What is data Communication ?Explain. 6

**Part C (Answer any 1 question(s). Each carries 14 marks)**

15. (a) What is computer networks? Explain different types of networks. 7  
(b) Explain various services of Internet 7
16. (a) Write a note on Hexadecimal number System . Convert  $(297503)_{10}$  to HEX 7  
(b) Discuss with example different number Conversions. 7