

Đề số: 2

Vĩnh Long, ngày      tháng      năm 2025

**ĐỀ THI KẾT THÚC HỌC PHẦN. NĂM HỌC 2024-2025**

**Môn thi: Anh văn chuyên ngành**

**Thời gian: 60 Phút (Không kể thời gian phát đề)**

**Ghi chú: Sinh viên được sử dụng tài liệu**

Tên sinh viên:	
Mã sinh viên:	
Phòng thi, giờ thi:	

Tổng số câu hỏi: 40 Câu hỏi trắc nghiệm

Hướng dẫn:

- Đọc kỹ từng câu hỏi và chọn câu trả lời đúng nhất.
- Khoanh tròn hoặc đánh dấu vào lựa chọn của bạn.

**Trả lời (Khoanh tròn vào đáp án đúng nhất):**

1	A	B	C	D	11	A	B	C	D	21	A	B	C	D	31	A	B	C	D
2	A	B	C	D	12	A	B	C	D	22	A	B	C	D	32	A	B	C	D
3	A	B	C	D	13	A	B	C	D	23	A	B	C	D	33	A	B	C	D
4	A	B	C	D	14	A	B	C	D	24	A	B	C	D	34	A	B	C	D
5	A	B	C	D	15	A	B	C	D	25	A	B	C	D	35	A	B	C	D
6	A	B	C	D	16	A	B	C	D	26	A	B	C	D	36	A	B	C	D
7	A	B	C	D	17	A	B	C	D	27	A	B	C	D	37	A	B	C	D
8	A	B	C	D	18	A	B	C	D	28	A	B	C	D	38	A	B	C	D
9	A	B	C	D	19	A	B	C	D	29	A	B	C	D	39	A	B	C	D
10	A	B	C	D	20	A	B	C	D	30	A	B	C	D	40	A	B	C	D

## **Phần 1: Kiến thức chung về Máy tính và Thuật ngữ cơ bản (10 câu)**

1. What is the primary purpose of "computers on a chip" mentioned in the text? A. To replace all human tasks permanently. B. To control complex operations in various devices like medical equipment, cars, and toys. C. To exclusively store large amounts of data. D. To enhance social media interactions.
2. According to the text, what are handheld computing devices primarily used for by workers? A. Playing games and watching videos. B. Collecting data at customer sites, generating forms, controlling inventory, and serving as desktop organizers. C. Designing graphical user interfaces. D. Writing complex programming languages.
3. What is "edutainment" in the context of multimedia systems? A. A type of hardware component. B. Multimedia systems known for their educational and entertainment value. C. A method for data storage. D. Software that enables computers to 'think' like experts.
4. What is the main function of "Expert systems software"? A. To control hardware devices. B. To enable computers to 'think' like experts, for example, in medical diagnosis. C. To manage network connectivity. D. To provide entertainment.
5. What does "telecommute" mean? A. To use a special type of phone. B. To work from home and stay in touch with the office using computers. C. To manage data in a centralized location. D. To conduct scientific research remotely.
6. Which of the following is NOT a benefit of using computers with phones as mentioned in the text? A. Call forwarding. B. Call monitoring. C. Call answering. D. Improved energy efficiency. (This is a benefit of computers in cars, not phones directly)
7. What kind of information can "Smart cards" store? A. Only entertainment files. B. Vital information such as health records, drivers' licenses, and bank balances. C. Programming code. D. Graphical user interface designs.
8. The text states that "personal computers are becoming interpersonal PCs" due to what? A. Their increased processing speed. B. The ability of computers and software to communicate and share resources through connectivity. C. Their shrinking size. D. The development of 3D graphics.
9. What is the main idea behind "people power" in computing? A. People's ability to physically build computers. B. People (users and professionals) decide which hardware, software, and networks endure and ensure computers are used responsibly. C. The electrical power supplied to computers. D. The number of users on a network.
10. Which textbook is mentioned as a learning material for "English for Information Technology"? A. Business Analytics. B. Data Analytics: Models and Algorithms for Intelligent Data Analysis. C. Oxford English for Information Technology. D. The Secret Life of Testers.

## **Phần 2: Cấu trúc Máy tính và Thuật ngữ kỹ thuật (10 câu)**

11. What is the capacity of the Hard Drive mentioned in the computer ad? A. Approximately 60 megabytes. B. Approximately 60 thousand million bytes. C. 64 million bytes. D. 256 megabytes.
12. Which of the following is NOT an input device mentioned in the "Understanding Peripheral Devices in Computing" essay? A. Keyboard. B. Mouse. C. Scanner. D. Monitor.
13. What is the function of a "Network Interface Card (NIC)"? A. To output sound. B. To capture video. C. To connect computers to networks, enabling internet access and LAN communication. D. To store data on a magnetic disk.
14. What does "RAM" (Random Access Memory) mean based on the text? A. It is permanent memory. B. Its information is lost when the computer is turned off (temporary). C. It contains instructions needed by the processor permanently. D. It is used only for storing documents.

15. Which unit is equivalent to 1,024 MB? A. Kilobyte (KB). B. Megabyte (MB). C. Gigabyte (GB). D. Terabyte (TB).
16. According to the "HOW to read a computer ad." section, what is the main processing chip of the Dell computer? A. 256MB Rambus RDRAM. B. Intel Pentium IV 1.7GHz Processor. C. 60GB Hard Drive. D. 19" Colour SVGA monitor.
17. What is the primary function of a "Modem" according to the essay on peripheral devices? A. To produce hard copies of documents. B. To facilitate internet connectivity through telephone or cable lines. C. To provide visual feedback. D. To capture audio input.
18. In the context of computer components, what is the "CPU" often referred to as? A. The main memory. B. The nerve centre of a microcomputer or the "brain" of the computer. C. A peripheral device. D. A storage device.
19. Which of the following statements about peripheral devices is TRUE? A. A scanner can only convert text into digital formats. B. The keyboard is the most common input device. C. Peripheral devices do not affect the usability of computers. D. Speakers are only used to output sound for multimedia applications.
20. What is the memory size of the PC described in the "HOW TO READ A COMPUTER AD." section? A. 60GB. B. 64MB. C. 256MB. D. 1.44MB.

### **Phần 3: Ứng dụng Máy tính và Phát triển phần mềm (10 câu)**

21. What is the primary purpose of "Data mining" according to the text? A. To store data permanently. B. To filter through large amounts of raw data for useful information and unseen patterns/trends. C. To design user interfaces. D. To program VCRs.
22. Which AI method looks at the rules of using data based on connections found on a sample set of data, and continually analyzes/compares values to find emerging patterns (rules)? A. Clustering. B. Decision Trees. C. Neural Networks. D. Expert Systems.
23. When are "Clusters" used in data mining? A. When data is labelled in a way that is favourable to mining. B. When data isn't labelled in a way that is favourable to mining, to divide data into groups based on similar features. C. Only for numerical data. D. To add sound tracks to presentations.
24. What is "source code" in the context of software development? A. The compiled program. B. The original from which compiled programs are generated. C. A type of hardware. D. A user interface.
25. What is "Open Source" in software development? A. Software that is sold at a very high price. B. A model where anyone can have the source code for free (like free speech) and contribute to its development. C. Software that can only be used by academics. D. A proprietary software model.
26. What is the core of an operating system that handles memory allocation, talks to hardware devices, and ensures everything keeps running? A. A distribution. B. Kernel. C. Source code. D. Graphical User Interface.
27. According to the text, what is the main reason most software companies will NOT sell you their source code? A. They want to keep it secret. B. They believe if they make it available, it will destroy their revenue stream. C. They don't have enough copies. D. It is too difficult to understand.
28. What is the purpose of "Cleansing data" in data mining? A. To make it more visually appealing. B. To free it from duplicate information and erroneous data. C. To convert it to a different format. D. To add more features.
29. Which software distribution model is described as applications hosted in the cloud and accessed via the internet, often on a subscription basis? A. Open Source Software. B. Software as a Service (SaaS). C. Database Management System (DBMS). D. Version Control System.
30. In the provided crossword, what is "A block of code that can be referenced by name to run the code it contains"? A. Loop. B. Function. C. Variable. D. Debug.

#### Phần 4: Kỹ năng Ngôn ngữ và Khái niệm IT nâng cao (10 câu)

31. The sentence "I've scanned in about a third of these photographs" uses which tense? A. Past Simple. B. Present Perfect. C. Present Simple. D. Past Continuous.
32. We use the Present Perfect tense to describe: A. Completed actions in the past with no present relevance. B. Past actions with present relevance. C. Future actions. D. Habits.
33. What is the role of `if` statement based on the JavaScript example? A. To perform a loop. B. To execute branching structures; if true, perform this command, otherwise perform another. C. To define a function. D. To print output to the console.
34. The crossword defines "A function that allows you to run a section of code repeatedly or until told otherwise" as a: A. Debug. B. Loop. C. Statement. D. Variable.
35. According to the crosswords, "The language in which computers use to format and read data" is: A. Programming. B. Binary. C. High-level. D. Unicode.
36. What is "A combination of text with sound, video, animation, and graphics" called? A. Edutainment. B. Information superhighway. C. Multimedia. D. Expert system.
37. Which statement is TRUE regarding the comparison of digital and conventional cameras, as mentioned in the "LANGUAGE WORK - Comparison and contrast" section? A. Both cameras require chemical processing. B. Only conventional cameras use film. C. Digital cameras cannot delete unsatisfactory images. D. Conventional cameras can transfer images directly to PC.
38. What is "A set of rules and protocols that allow different software applications to communicate with each other and share data or functionality"? A. Graphical User Interface (GUI). B. Software as a Service (SaaS). C. Application Programming Interface (API). D. Version Control System.
39. What is "encapsulation" in object-oriented programming, as described in the quiz? A. Storing data permanently. B. Hiding data and methods within a class, preventing direct access from outside. C. Converting high-level code to machine code. D. Planning upcoming work in agile development.
40. What is "troubleshooting" in the context of operating systems? A. Creating a new operating system from scratch. B. Providing step-by-step instructions for problems like system crashes, software conflicts, or network connectivity issues. C. Researching the history of operating systems. D. Speculating on the future of operating systems.

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