

SPACE FOR ROUGH USE

This booklet contains 10 printed pages.

ARUNACHAL PRADESH UNIVERSITY
COMMON ENTRANCE TEST-2025
(APUCET-2025)

Test Booklet No.

MASTER OF COMPUTER APPLICATION (MCA)

OMR Sheet No.

Subject Code

Roll No.

Series

A

Day and Date of Examination: _____

Signature of Candidate: _____

Signature of Invigilator(s): _____

Full Marks: 100

Time: 1 Hours

INSTRUCTIONS

1. Do not open this test booklet until you are told to do so.
2. Candidate must write his/her Roll Number in the space provided.
3. This Test Booklet comprises One Section which consists of 50 Multiple Choice Questions (MCQs) and appropriate option should be marked as answers in the OMR sheet provided. All questions carry 2 marks each.
4. There will be no negative marking for a wrong answer.
5. No candidate shall be permitted to enter the Examination Hall after the commencement of the Entrance test and leave the examination hall before the expiry of the examination time.
6. Making any identification mark both in the Test Booklet and the OMR Sheet anywhere other than the specified places will lead to disqualification of the candidate.
7. Handover OMR Sheet at the end of the examination to the invigilators.
8. Candidates shall maintain silence inside and outside the examination hall. If candidates are found violating the instructions mentioned herein or announced in the examination hall, they will be summarily disqualified from the entrance test.
9. The use of any electronic items, log table, etc. is prohibited inside the examination hall.
10. Use only **Black Ball Point Pen**.
11. In case of any dispute, the decision of the University Authority shall be final and binding.

SECTION – A
(Each Question Carries ONE Mark)

SPACE FOR ROUGH USE

1. C Programming was developed by
 - a) Peter Norton
 - b) Ken Thompson
 - c) Bill Gates
 - d) Dennis Ritchie

2. Which of the followings are tokens in C?
 - a) Keywords
 - b) Variables
 - c) Constants
 - d) All of the Above

3. Which of the following function is used to open a file in C++?
 - a) fopen
 - b) fclose
 - c) fseek
 - d) fgets

4. What is the output of the following code?

```
int main (){  
    int Sum = 2+4/2+6*2;  
    printf(“%d”,Sum);  
    return 0;  
}
```

 - a) 2
 - b) 15
 - c) 16
 - d) 18

5. Which of the following are not standard header files in C?
 - a) Stdio.h
 - b) Stdlib.h
 - c) Conio.h
 - d) None of the above

6. What is the smallest unit of data in a computer?
 - a) Byte
 - b) Bit
 - c) Nibble
 - d) Kilobyte

28. DBMS stands for _____.
- Database Management Series
 - Database Management System
 - Dual Bus Mass Storage
 - Direct Based Memory Standard
29. In a relational model, relations are termed as
- Tuples
 - Attributes
 - Tables
 - Rows
30. What is the full form of SQL?
- Structured Query List
 - Simple Query Language
 - Structured Query Language
 - None of the above
31. _____ is a set of Vertices and Edges
- Tree
 - Graph
 - Queue
 - Stack
32. Which data structure uses LIFO (Last In First Out) Principle?
- Queue
 - Stack
 - Linked List
 - Tree
33. Flip Flops is capable of storing _____ bit.
- 1
 - 2
 - 3
 - 4
34. The default executable generation on UNIX for C++ program is _____
- a.exe
 - a
 - a.out
 - out.a.
7. Which part of the computer is responsible for executing instructions?
- Hard Disk
 - RAM
 - CPU
 - Motherboard
8. What is Internet?
- A Network of interconnected local area networks.
 - A Collection of Unrelated Computers.
 - Interconnection of Wide Area Networks.
 - A Single Network.
9. You should save your computer from?
- Viruses
 - Time Bombs
 - Worms
 - All of the Above
10. Which of the following is a search engine?
- Firefox
 - Google.com
 - Outlook
 - Skype
11. 1's Complement of 1111 is
- 0000
 - 1111
 - 1100
 - 1010
12. Which device is used to input data into a computer?
- Printer
 - Monitor
 - Keyboard
 - Speaker
13. What does a set of rules define?
- SMTP
 - FTP
 - IMAP
 - Protocol

14. Identify the full form of HTTP ?
a) Hypertext Transfer Protocol
b) Hypertext Transfer Package
c) Hypertext Transfer Text Package
d) Hyper Transfer Text Practice
15. The term www stands for
a) Wide Area Net
b) Wide Access Network
c) Wide Area Network
d) Wide Access Net
16. _____ is the trade of goods and services with the help of telecommunication and Internet.
a) Computerized Commerce
b) E-Commerce
c) Internet Trade
d) E-Trade
17. The tag which is having heading information.
a) HTML
b) Head
c) Title
d) Body
18. General purpose computer is used for
a) Creating a small Database
b) Performs Calculation
c) Accounting
d) All of the above
19. Which of the following is not associated with Computers?
a) Screen
b) Mouse
c) Bit
d) Pencil
20. _____ is a high speed memory that is much faster than the main memory.
a) Internal
b) External
c) Cache
d) Primary

21. Which Supercomputer is developed by Indian Scientist?
a) Compaq Presario
b) Super 301
c) Param
d) Blue Gene
22. Personal Computers can be connected together to form a _____.
a) Enterprise
b) Supercomputer
c) Network
d) Server
23. One of the following is the main component of the Motherboard.
a) Bus
b) Processor
c) CMOS
d) BIOS
24. CPU's Performance is measured by the _____ per second.
a) Number of Instructions decoded
b) Number of Instructions executed
c) Number of Instructions loaded
d) Number of Programs executed
25. _____ is a specialized format for organizing and storing data.
a) Data Structure
b) Primitive Data Structure
c) Sorting
d) Merging
26. Which of the following are Computers that can be carried around easily?
a) Laptops
b) PCs
c) Supercomputers
d) Mini Computers
27. _____ is called Information.
a) Raw Facts
b) Collection of Data
c) Unprocessed Data
d) Processed Data.

35. The first network was called _____ .
- a) CNN
 - b) NSFET
 - c) ASAPNET
 - d) ARPANET
36. How many layers are in TCP/IP Model?
- a) 4 layers
 - b) 5 layers
 - c) 6 layers
 - d) 7 layers
37. What is the full form of RAM?
- a) Random Access Memory
 - b) Read Access Memory
 - c) Readily Available Memory
 - d) Random Available Memory
38. What is the main function of an operating system?
- a) Perform Calculations
 - b) Manage hardware and software resources
 - c) Create Documents
 - d) Browse the Internet
39. The brain of any computer system is _____ .
- a) ALU
 - b) Memory
 - c) CPU
 - d) Control Unit
40. Which of the following language does the computer understand?
- a) Understands only C Language
 - b) Understands only Assembly Language
 - c) Understands only binary Language
 - d) understands only BASIC
41. Who coined the term Artificial Intelligence?
- a) Charles Babbage
 - b) Alan Turing
 - c) Von Neumann
 - d) John McCarthy
42. The chip used in the computer is made up of _____ .
- a) Silicon
 - b) Iron Oxide
 - c) Chromium
 - d) None of the Above

43. A Program that executes instructions directly, without translating the entire program first.
- a) Translator
 - b) Interpreter
 - c) Executer
 - d) Loader
44. Which of the following program is not a utility?
- a) Debugger
 - b) Editor
 - c) Spooler
 - d) All of the Above
45. Which device is required for internet connection?
- a) Joystick
 - b) Modem
 - c) CD Drive
 - d) NIC Card
46. ATM stands for
- a) Automatic Talking Machine
 - b) Automatic Teller Machine
 - c) Analog Teller Machine
 - d) Automatic Ticketing Machine
47. _____ is used for scanning the pictures and putting them in digitized form in the computer.
- a) CD-ROM
 - b) Plotter
 - c) Bar- Coder
 - d) Scanner
48. Which statement is valid?
- a) 1Kb = 8 bytes
 - b) 1Mb = 8Kb
 - c) 1Kb = 1024 Bytes
 - d) 1Mb = 1024 Kb
49. “.exe” is the extension of _____.
- a) Photo
 - b) Video
 - c) PC Application
 - d) web page
50. OOP stands for _____.
- a) Open Operating Program
 - b) Object Oriented Programming
 - c) Only Open Program
 - d) Other Open Policy