

## VCRP - 2026

### Round 1: Aptitude Test on 14/03/2026 at College Campus

#### Aptitude Test Guidelines

Aptitude test will be conducted on computer on 14/3/2026 in college campus Sandipani Technical Campus Faculty of Engineering, Nanded Road, Kolpa, Latur.

#### Exam Pattern:

Exam Paper: Branch wise

**Total Marks: 25 (General Aptitude-15, Technical - 10)**

**Exam Duration: 30 Mins.**

**Venue: Sandipani Technical Campus Faculty of Engineering, Kolpa, Latur**

Note: Kindly bring Receipt, your college ID-Card/any other ID proof

### Polytechnic Computer Engineering Branch Question Bank

#### Technical Questions – 10 marks

1. Find the output of the following Program

```
for(int i=1; i<=3; i++)  
{  
    System.out.print(i);  
}
```

- A) 123
- B) 12
- C) 321
- D) Error

**Answer:** A) 123

2. Which device is used to store data permanently?

- A) RAM
- B) Cache Memory
- C) Hard Disk
- D) CPU

**Answer:** C

**Explanation:**

RAM is temporary memory, but hard disk stores data permanently.

3. Unit of electric current is?

- A) Volt
- B) Ohm
- C) Ampere
- D) Watt

**Answer:** C

**Explanation:**

Voltage → Volt

Current → Ampere

Resistance → Ohm

4. Find SI if  $P = 1000$ ,  $R = 10\%$ ,  $T = 1$  year.

- A) 50
- B) 100
- C) 150
- D) 200

**Output:** 100

**Explanation:**

$$\begin{aligned} \text{SI} &= (\text{P} \times \text{R} \times \text{T}) / 100 \\ &= (1000 \times 10 \times 1) / 100 \\ &= 100 \end{aligned}$$

5. Find the output of the following program:

```
# include < stdio.h>

void main( )
{
int x = 10, y = 10, v1, v2 ;

v1 = x++ ;
v2 = ++y ;

printf ("value of v1:%d", v1) ;
printf ("value of v2:%d", v2) ;
}
```

A)  
value of v1:11  
value of v2:11

B)  
value of v1:10  
value of v2:10

C)  
value of v1:10  
value of v2:11

D)  
value of v1:11  
value of v2:10

Correct Answer: **C**

**6. Which SQL command is used to retrieve data?**

- A) INSERT
- B) DELETE
- C) SELECT
- D) UPDATE

**Answer:** C) SELECT

**7. Example of programming IDE:**

- A) Eclipse
- B) Mouse
- C) Printer
- D) Router

✓ **Answer:** A

**8. AND gate output is 1 when**

- A) Both inputs 1
- B) One input 1
- C) Both 0
- D) Any input

✓ **Answer:** A

**9. Binary number base:**

- A) 2
- B) 8
- C) 10
- D) 16

✓ **Answer:** A

**10. Debugging means**

- A) Adding errors
- B) Removing errors
- C) Compiling
- D) Running

✓ **Answer:** B

**11. Flowchart uses**

- A) Symbols
  - B) Codes
  - C) Hardware
  - D) Browser
- ✓ **Answer: A**

**12. Testing is done to**

- A) Increase errors
  - B) Remove bugs
  - C) Delete code
  - D) Compile
- ✓ **Answer: B**

**13. SDLC stands for**

- A) Software Development Life Cycle
  - B) System Design Life Cycle
  - C) Software Data Level Cycle
  - D) None
- ✓ **Answer: A**

**14. Algorithm is**

- A) Program
  - B) Step-by-step solution
  - C) Hardware
  - D) Device
- ✓ **Answer: B**

**15. Primary key is**

- A) Duplicate value
  - B) Unique identifier
  - C) Table name
  - D) Column name
- ✓ **Answer: B**

**16. DELETE command removes**

- A) Table
  - B) Record
  - C) Column
  - D) Database
- ✓ Answer: B

**17. Stack follows**

- A) FIFO
  - B) LIFO
  - C) Random
  - D) None
- ✓ Answer: B

**18. Queue follows**

- A) LIFO
  - B) FIFO
  - C) Random
  - D) Binary
- ✓ Answer: B

**19. Linked list stores data using**

- A) Array
  - B) Nodes
  - C) Files
  - D) Tables
- ✓ Answer: B

**20. Tree structure has**

- A) Root node
  - B) Leaf node
  - C) Parent-child relation
  - D) All
- ✓ Answer: D

**21. Microsoft developed by**

- A) Dennis Ritchie
  - B) James Gosling
  - C) Bill Gates
  - D) Charles Babbage
- ✓ Answer: C

**22. Loop repeats**

- A) Once
- B) Multiple times
- C) Never
- D) Stop program

✓ **Answer: B**

**23. Tag used for link:**

- A) <p>
- B) <a>
- C) <h1>
- D) <img>

✓ **Answer: B**

**24. 1 HTML stands for**

- A) Hyper Text Markup Language
- B) High Text Machine Language
- C) Hyper Tool Language
- D) None

✓ **Answer: A**

**25. WWW stands for**

- A) World Wide Web
- B) Web World Wide
- C) Wide Web World
- D) World Web Window

✓ **Answer: A**

**26. IP address is**

- A) Device identification number
- B) Password
- C) Software
- D) Website

✓ **Answer: A**

**27. Internet works on**

- A) HTTP
- B) TCP/IP

- C) FTP
- D) SMTP
- ✓ Answer: B

**28. Multitasking means**

- A) Single program
- B) Many programs simultaneously
- C) Shutdown
- D) Restart
- ✓ Answer: B

**29. OS manages**

- A) Hardware
- B) Software
- C) Resources
- D) All of these
- ✓ Answer: D

**30. Permanent memory is**

- A) RAM
- B) Cache
- C) ROM
- D) Register
- ✓ Answer: C