

**INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER**

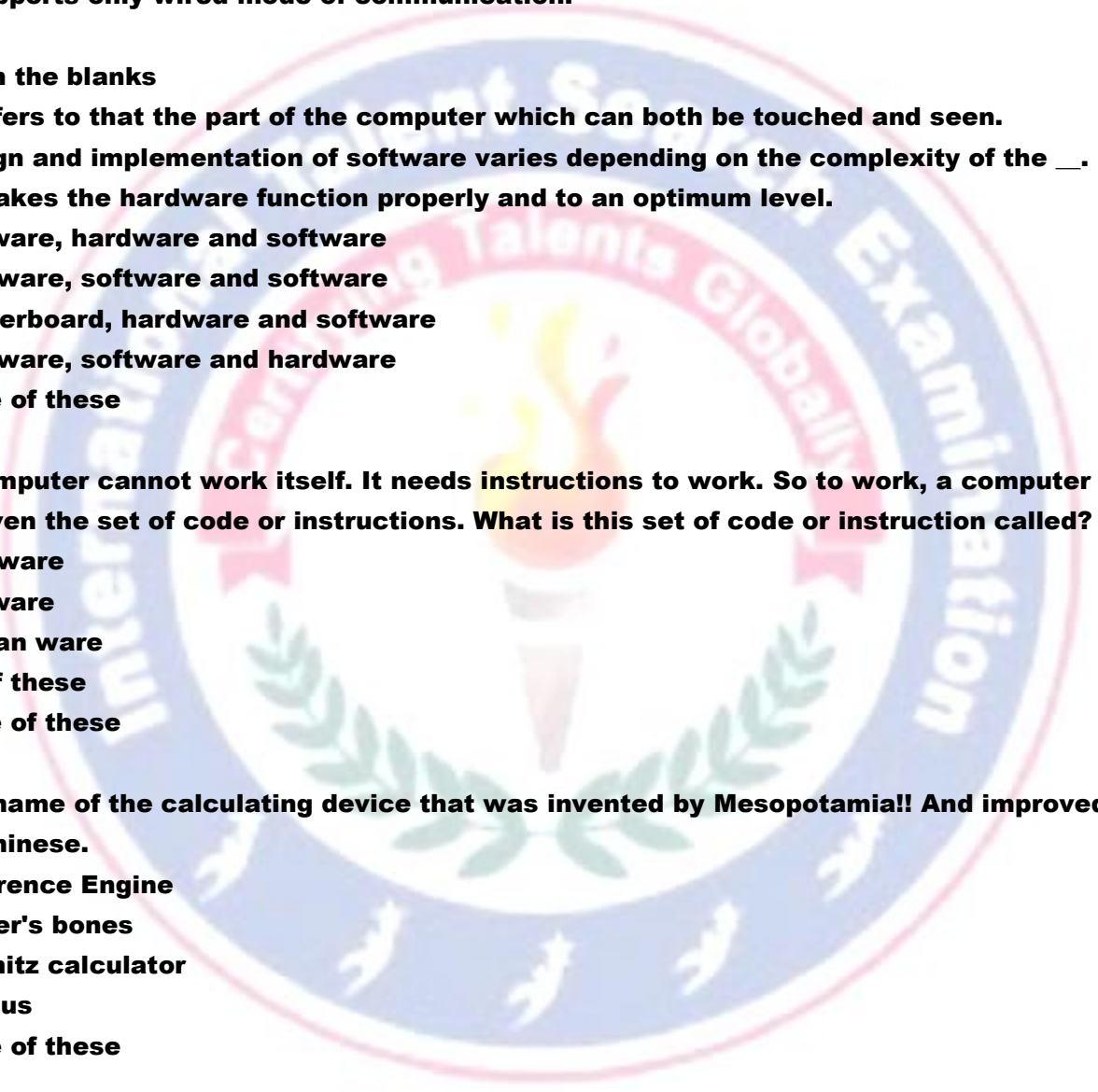
**CLASS – IV
SUBJECT – COMPUTER**

- 1. Which of the following statements is INCORRECT about the Internet?**
 - i. It is an interconnected system of networks that allows communication.**
 - ii. It is a public network.**
 - iii. It is a vast network that connects millions of computers around the world.**
 - iv. It supports only wired mode of communication.**

 - 2. Fill in the blanks**
 - a. ___ refers to that the part of the computer which can both be touched and seen.**
 - b. Design and implementation of software varies depending on the complexity of the ___.**
 - c. ___ makes the hardware function properly and to an optimum level.**
 - i. Software, hardware and software**
 - ii. Hardware, software and software**
 - iii. Motherboard, hardware and software**
 - iv. Hardware, software and hardware**
 - v. None of these**

 - 3. A computer cannot work itself. It needs instructions to work. So to work, a computer is given the set of code or instructions. What is this set of code or instruction called?**
 - i. Hardware**
 - ii. Software**
 - iii. Human ware**
 - iv. All of these**
 - v. None of these**

 - 4. The name of the calculating device that was invented by Mesopotamia!! And improved by Chinese.**
 - i. Difference Engine**
 - ii. Napier's bones**
 - iii. Leibnitz calculator**
 - iv. Abacus**
 - v. None of these**

 - 5. Which one of the following is known as the first general purpose computer?**
 - i. Electric Numerical Integrator and Computer**
 - ii. Electronic Numerical Integrator and Calculator**
 - iii. Electronic Numerical Integrator and Computer**
 - iv. Electronic Number Integer and Computer**
 - v. None of these**
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INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER

6. Match the two columns on the basis of their year of invention.

A

- 1. Leibnitz machine**
- 2. Pascaline**
- 3. Jacquards Loom**
- 4. Difference, engine**

B

- i. 1821**
- ii. 1694**
- iii. 1642**
- iv. 1801**

- i. 1→ iv, 2→ iii, 3→ ii, 4→i**
- ii. 1→ii, 2→iii, 3→iv, 4→i**
- iii. 1→ iii, 2→ iv, 3→ i,4→ii**
- iv. 1→ ii, 2→ i, 3→ iv, 4→iii**
- v. 1→ i, 2→ ii, 3→ iii, 4→iv**

7. Napier's bone was capable of doing addition, subtraction, multiplication and division. It was a manual device. Who developed this wonderful machine of that period?

- i. Joshef Napie**
- ii. John Napier**
- iii. Jenifer Napier**
- iv. Albert Napier**
- v. None of these**

1. Fill in the blanks:

- I. The sequence of instruction is known as a program. And this program written for a computer is known as ____.**
- II. ____ was used for scientific and mathematical problems and designed to suit the requirements of the programmer.**
- III. ____ is often described as problem-oriented languages.**
 - A) Hardware, COBAL, Low level language**
 - B) Software, FORTRAN, High level language**
 - C) Language, C++, High level language**
 - D) Software, COBAL, High level language**
 - E) Hardware, FORTRAN, Low level language**

2. Jenny and George are discussing on the topic 'Computer language'. Select whose statement is correct. Jenny: Computer understands only one language i.e. binary language. George: No, computer can understand any language because it answers every question that I asked.

- A) Jenny is correct**
- B) George is correct**
- C) Both are partially incorrect**
- D) Both are correct**
- E) Both are incorrect**

**INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER**

3. Read the given statements and select the correct one.

- I. Low Level Programming languages closely reflect the machine code of specific computer and are therefore, described as machine-oriented language.**
- II. Computer understands only number language.**
- III. Low level language is also known as machine language or binary language.**

- A) 1 and 3**
- B) 1 and 2**
- C) 2 and 3**
- D) All of these**
- E) None of these**

4. Match the following:

A

B

1. High level language i. 1st generation language

I. ii. 2nd generation language

2. Low level language iii. 3rd generation language

- A) 1- ii, iii, 2- i**
- B) 1-i, iii, 2-ii**
- C) 1- iii, 2- i, ii**
- D) 1-i, 2-ii, iii**
- E) 1-ii, 2-i, iii**

5. Read the statements and select the correct one.

- I. In second generation programming language, the code can be read and written by a programmer but at first it needs to be converted into a machine readable form to run on a computer.**
- II. COBOL is an example of 3rd generation language.**
- III. 2nd Generation language is also known as High Level Language.**

- A) 1 and 2**
- B) 2 and 3**
- C) 1 and 3**
- D) All of these**
- E) None of these**

6. Fill in the blanks:

- I. ____ generation language is known as High Level Language.**
 - II. ____ and ____ Generation language is known as Low level language.**
 - III. Assembly Language is also known as ____ Programming Languages.**
- A) 2nd, 1st & 3rd, Graphic**
 - B) 3rd, 1st & 2nd, Symbolic**
 - C) 1st, 2nd & 3rd, Symbolic**
 - D) 2nd, 1st & 2nd, Graphical**

**INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER**

E) 3rd, 1st & 2nd, Visual basic

7. Marshal and Rodent are discussing about different types of languages. Read their statements and select the correct statements.

Marshal: A low-level language does not need a compiler or interpreter to run. And it is divided into two categories- 1st and 2nd generation.

Rodent: Computer languages are the interface between a computer and a human being. Computer scientists find it far more efficient to communicate with computers in a higher level language than a low level language.

- A) Marshal is correct**
- B) Rodent is correct**
- C) Both are correct**
- D) Both are incorrect**
- E) Both are partially correct**

8. Read the following statements and identify the correct statements.

- I. In HLL programming language the instructions are written in a language that resembles human language.**
- II. Before feeding the program written in assembly language to the computer, the assembler need not be loaded to the computer memory for translating.**
- III. The operation code used in machine language is replaced by mnemonics which are difficult to remember.**

- A) 1 and 2**
- B) 1 and 3**
- C) Only 1**
- D) All of these**
- E) None of these**

9. Given below is the order of sequence of the network types regarding the area they span (in increasing order). Replace X and Y in the sequence. X → LAN → Y → WAN

- A) X-PAN, Y-MAN**
- B) X - MAN, Y - PAN**
- C) X - TAN. Y - BAN**
- D) X - BAN, Y - TAN**

10. Identify the following:

- It is a computing device that can be worn/implanted in a person's body.**
- Health and fitness devices are the example of it, such as the popular fit bit wrist band that track data for things like exercise activities, sleep quality, etc.**

A) Body Area Network

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2024 - 2025 PRACTICE PAPER**

3. Wood

4. Seed

5. Plant

A) 4, 5, 3, 2, 1

B) 4, 5, 2, 3, 1

C) 1, 3, 2, 4, 5

D) 1, 2, 3, 4, 5

E) None of these

18. Match the following:

A

B

1. RAM

i. Long term memory

2. ROM

ii. Flash memory

3. Secondary memory

iii. Short term memory

iv. Tape drive

A) 1-iv 2-ii 3-i,iii

B) 1-iii 2-iv 3-ii

C) 1-iii 2-i 3-ii,iv

D) 1-iii,iv 2-i 3-ii

E) 1-i 2-ii 3-iii,iv

19. Fill in the blanks:

1. RAM is the most common type of _____ found in a computer and other devices.

2. _____ is a rewritable memory.

3. _____ is also known as Long term memory of a computer.

A) Device, PROM, RAM

B) Memory, EPROM, ROM

C) Memory, PROM, RAM

20. Some information is given about secondary memory. Select the correct statements.

1. Secondary storage differs from primary storage because secondary storage is not directly accessible by the CPU.

2. Volatile memories are those computer memories that require power to maintain the stored information.

3. Secondary memory devices include magnetic disks like hard drives and floppy disks.

A) 1 and 2

B) 2 and 3

C) 1 and 3

D) All of these

E) None of these

21. Computer understands only the machine/programming language. When all the data is fed into the computer, first it is converted into which number system?

A) Decimal

B) Binary

C) Integer

D) Whole number

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2024 - 2025 PRACTICE PAPER**

E) None of these

22. In computer you use different types of measuring units. Kilobyte, megabytes and gigabytes are among them. How much megabyte makes one gigabyte?

- A) 1042**
- B) 1000**
- C) 1024**
- D) 1204**
- E) 1402**

23. RAM is a type of computer memory that can be accessed randomly; that is, any byte of memory can be accessed without touching the preceding bytes. What happens to the contents of RAM (Random Access Memory) when power of computer is turned off?

- A) Content is lost**
- B) Content remains intact**
- C) Content is transferred to other memory**
- D) All of these**
- E) None of these**

24. ROM is a primary memory of a computer and it is volatile in nature. What does ROM stand for?

- A) Read Only Memory**
- B) Roam Only Memory**
- C) Random Only Memory**
- D) Rise Only Memory**
- E) None of these**

25. Complete the sentence given below:

- 1. In modern types of ROM such as ___ and ___ you can erase or reprogram on it.**
- 2. In computer, ___ memory devices are used to store data for the future.**
- 3. Secondary memory is the slowest and ___ form of memory.**

- A) Memory, PROM, Primary, Expensive**
- B) PROM, EPROM, Primary, Cheapest**
- C) PROM, EPROM, Secondary, Cheapest**
- D) Memory, PROM, EPROM, Expensive**
- E) EPROM, PROM, Primary, Cheapest**

26. Given below are the statements about memory. Read the statements and identify the correct one.

- 1. EPROM can be erased and re-programmed multiple times.**
- 2. For reprogramming EPROM, the chip is extracted from the circuit board, the tape is removed and it is placed under an intense UV light for approximately 20 minutes.**
- 3. The two types of RAM are CRAM and TRAM.**

- A) 1 and 2**
- B) 1 and 3**
- C) Only 3**
- D) All of these**

INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER

E) None of these

27. You know that a computer also has a memory which stores a lot of information inside it. Where does it store all the information?

- A) CPU**
- B) UPS**
- C) Desktop**
- D) Drive**
- E) None of these**

28. Read the following statements and select the correct one.

- 1. Word Processing is an example of language Processor.**
- 2. Operating System sets link between the user and the hardware.**
- 3. Language Processor is a program that performs tasks such as translating and interpreting a specified programming language.**

- A) 1 and 2**
- B) 2 and 3**
- C) 1 and 3**
- D) All of these**
- E) None of these**

29. Fill in the blanks:

- 1. ___ programs designed to perform useful tasks that most users would wish to perform from time to time, such as file searching, sorting of data, backing up data, etc.**
- 2. ___ software is used for commercial purposes.**
- 3. ___ software is widely used in educational institutes across the globe.**

- A) Utility, Application, Educational**
- B) System, Operating, Professional**
- C) Assembler, Compiler, Application**
- D) Operating, Professional, Application**
- E) Professional, Application, Educational**

30. Match the following:

- | A | B |
|--------------------------------|--|
| 1. System software | i. Assembler |
| 2. Application software | ii. Word processor |
| 3. Language processor | iii. Control internal operation |

- A) 1, iii, 2, ii, 3, i**
- B) 1, i, 2, ii, 3, iii**
- C) 1, ii, 2, iii, 3, i**
- D) 1, ii, 2, i, 3, iii**
- E) 1, i, 2, iii, 3, ii**

31. Aalen and Besof are presenting their views on operating system. Read their statements and identify who is correct between them. Aalen : The secondary goal of an operating system is to make the computer system convenient to use. Besof : The operating system controls and coordinates the use of the hardware among the various application programs for the various users.

**INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER**

- A) Aalen is correct
- B) Besof is correct
- C) Both are correct
- D) Both are partially correct .
- E) Both are incorrect

32. Computer uses language processor to convert high level language into machine language. Which language processor converts an HLL program into machine language by converting and executing it line by line?

- A) Interpreter
- B) Predictor
- C) Assembler
- D) Compiler
- E) None of these

33. Students and teachers can interact with each other from any part of the world through video conference one of the most important thing that is required for video conferencing is:

- A) Joystick
- B) Printer
- C) Scanner
- D) Webcam
- E) None of these

34. Computer understands only the machine/ programming language. When all the data are fed into the computer, first it is converted into which number system?

- A) Decimal
- B) Binary
- C) Integer
- D) Whole number
- E) None of these

35. Match the following Column A with Column B:

Column I	Column II
1. Zip disk	(I) 4.7 GB to 17 GB
2. USB flash drive	(II) UP to 24 GB
3. Hard disk	(III) 2 TB
4. DVD - ROM	(IV) 100 MB to 750 MB

- A) 1→iii, 2→iv, 3→ii, 4→i
- B) 1→iv, 2→ii, 3→ii, 4→i
- C) 1→iv, 2→ii, 3→iii, 4→i
- D) 1→i, 2→ii, 3→iii, 4→iv
- E) None of these

36. Translator for low-level programming language is termed as:

- A) Assembler
- B) Compiler
- C) Linker

**INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER**

- D) Loader**
- E) None of these**

37. What is the full form of PDF?

- A) Portable Document Format**
- B) Partial Document Format**
- C) Portable Display Format**
- D) Process Documenting Format**
- E) None of these**

38. There are many small graphic/pictures on the desktop. What are the small pictures presentation the desktop called?

- A) Cursor**
- B) Icons**
- C) Pointer**
- D) All of these**
- E) None of these**

39. Which of the following is an output device?

- A) Mouse**
- B) Joystick**
- C) Plotter**
- D) OMR**
- E) None of these**

40. Who was the founder of Bluetooth?

- A) Jaap Haartsen**
- B) Martin Copper**
- C) Steve Jobs**
- D) Graham Bell**
- E) None of these**

41. BCD is:

- A) Binary Coded Decimal**
- B) Bit Coded Decimal**
- C) Binary Coded Digit**
- D) Bit Coded Digit**
- E) None of these**

42. When the pointer is positioned on a ____, it is shaped like a hand.

- A) Hyperlink**
- B) Screen Tip**
- C) Grammer Error**
- D) All of these**
- E) None of these**

43. To make the number pads act and directional arrows, you press the ____ key.



**INTERNATIONAL TALENT SEARCH EXAMINATION
2024 - 2025 PRACTICE PAPER**

- A) Num lock**
- B) Arrow lock**
- C) Caps lock**
- D) Scroll lock**
- E) None of these**

44. Which of the following is true about RAM (Random Access Memory)?

- A) It is used as read/write memory.**
- B) It is non-volatile memory.**
- C) It is possible to retrieve information randomly.**
- D) It retains information as long as power supply is on.**
- E) None of these**

45. Minicomputer and Microcomputer are from which generation of computers?

- A) First**
- B) Second**
- C) Third**
- D) Fourth**
- E) None of these**

