International Talent Search Examination - 2022-23

अंतर्राष्ट्रीय प्रतिभा खोज परीक्षा – २०२२-२३

Organized by

**Savitri Skill Development Institute, Training Partner with
Ministry of Micro Small & Medium Enterprises (MSME), Govt. of India.**

Ministry of Micro, Small and Medium Enterprises,
Government of India

TEST BOOKLET

Name : ....

Class : .... School: ....

Father's Name : .... Father's Occupation : ....

Mother's Name : .... Mother's Occupation : ....

Categories : Gen ☐   OBC ☐   SC ☐   ST ☐

Correspondence Address : ....

Date of Birth : ☐☐ ☐☐ ☐☐☐☐

Father's Contact No : ☐☐☐☐☐☐☐☐☐☐

Home/Mother's Contact No. : ☐☐☐☐☐☐☐☐☐☐

WhatsApp No. : ☐☐☐☐☐☐☐☐☐☐

Basic Instructions:

i.   Ensure that your personal data has been entered correctly.
ii.   Immediately after opening the test booklet verify that all the pages are printed properly and are in order. If there is a problem with your test booklet, immediately inform the invigilator. You will provided with the replacement.
iii. All questions in are compulsory.
iv.   For every correct answer you will be awarded with 4 marks and for all incorrect answer 1 mark will be deducted)
v.   Directions for answering the questions are given. Read those directions carefully and answer the question by circling the bubble in the OMR Sheet Provided to you. Test booklet/OMR Sheet will be submitted at the end of the examination.
vi.   Follow the instructions given by the invigilator. Students found violating the instructions will be disqualified)
vii. Rough work can be done separately or on the Question paper.
viii. Please fill the bubbles in OMR sheet with Blue or Black pen only.
ix.   Do not tear the question paper or OMR sheet else you will be disqualified in the examination.

CLASS-4 (COMPUTER)

Q1. Today's computer giant IBM was earlier known by different name which was changes in 1924. What was that name?
a) Tabulator Machine Co.   b) Computing Tabulating Recording Co.   c) The Tabulator Ltd.   d) International Computer Ltd.

Q2. Before a disk drive can access any sector record, a computer program has to provide the record's disk address. What information does this address specify?
a) Track number   b) Sector number   c) Surface number   d) All of above

Q3. The arranging of data in a logical sequence is called
a) Sorting   b) Classifying   c) Reproducing   d) Summarizing

Q4. What is the responsibility of the logical unit in the CPU of a computer?
a) To produce result   b) To compare numbers   c) To control flow of information   d) To do math's works

Q5. Abacus was the first
a) electronic computer   b) mechanical computer   c) electronic calculator   d) mechanical calculator

Q6. If in a computer, 16 bits are used to specify address in a RAM, the number of addresses will be
a) 216   b) 65,536   c) 64K   d) Any of the above

Q7. Instructions and memory address are represented by
a) Character code   b) Binary codes   c) Binary word   d) Parity bit

Q8. The terminal device that functions as a cash register, computer terminal, and OCR reader is the:
a) Data collection terminal   b) OCR register terminal   c) Video Display terminal   d) POS terminal

Q9. A set of flip flops integrated together is called _____
a) Counter   b) Adder   c) Register   d) None of the above

Q10. People often call _____ as the brain of computer system
a) Control Unit   b) Arithmetic Logic Unit   c) Central Processing Unit   d) Storage Unit

Q11. Which is used for manufacturing chips?
a) Bus   b) Control unit   c) Semiconductors   d) A and b only

Q12. The value of each bead in heaven is
a) 1b) 3   c) 5   d) 7

Q13. The first computer introduced in Nepal was
a) IBM 1400   b) IBM 1401   c) IBM 1402   d) IBM1402

Q14. Mnemonic a memory trick is used in which of the following language?
a) Machine language   b) Assembly language   c) High level language   d) None of above

Q15. Instruction in computer languages consists of
a) OPCODE   b) OPERAND   c) Both of above   d) None of above

Q16. Which generation of computer is still under development
a) Fourth Generation   b) Fifth Generation   c) Sixth Generation   d) Seventh Generation

Q17. A register organized to allow to move left or right operations is called a _____
a) Counter   b) Loader   c) Adder   d) Shift register

Q18. Which was the most popular first generation computer?
a) IBM 1650   b) IBM 360   c) IBM 1130   d) IBM 2700

Q19. Which is considered a direct entry input device?
a) Optical scanner   b) Mouse and digitizer   c) Light pen   d) All of the above

Q20. A set of information that defines the status of resources allocated to a process is
a) Process control b) ALU c) Register Unit d) Process description

Q21. Each set of Napier's bones consisted of _____ rods.
a) 5b) 9 c) 11 d) 13

Q22. BCD is
a) Binary Coded Decimal b) Bit Coded Decimal c) Binary Coded Digit d) Bit Coded Digit

Q23. When was the world's first laptop computer introduced in the market and by whom?
a) Hewlett-Packard, 1980 b) Epson, 1981 c) Laplink Traveling Software Inc, 1982 d) Tandy Model-200, 1985

Q24. From which generation operating systems were developed?
a) First b) Second c) Third d) Fourth

Q25. The first firm to mass-market a microcomputer as a personal computer was
a) IBM b) Super UNIVAC c) Radio Shaks d) Data General Corporation

Q26. How many address lines are needed to address each machine location in a 2048 x 4 memory chip?
a) 10 b) 11 c) 8 d) 12

Q27. Properly arranged data is called
a) Field b) Words c) Information d) File

Q28. A computer consists of
a) A central processing unit b) A memory c) Input and output unit d) All of the above

Q29. . Why are vacuum tubes also called valves?
a) Because they can amplify the weak signals and make them strong b) Because they can stop or allow the flow of current
c) Both of above d) None of above

Q30. . John Napier invented Logarithm in
a) 1614 b) 1617 c) 1620 d) None of above

Q31. . An integrated circuit is
a) A complicated circuit b) An integrating device c) Much costlier than a single transistor d) Fabricated on a tiny silicon chip

Q32. . What type of control pins are needed in a microprocessor to regulate traffic on the bus, in order to prevent two devices from trying to use it at the same time?
a) Bus control b) Interrupts c) Bus arbitration d) Status

Q33. . Where as a computer mouse moves over the table surface, the trackball is
a) Stationary b) Difficult to move c) Dragged d) Moved in small steps

Q34. . Which of the following is used as a primary storage device?
a) Magnetic drum b) Hard Disks c) Floppy d) All of above

Q35. A column that stores names would need to be
a) The same width as all other columns, since width cannot be changed b) The same width as a column that stores exam scores
c) Narrower than a column that stores exam scores d) Wider then a column that stores exam scores

Q36. . Multi user systems provided cost savings for small business because they use a single processing unit to link several
a) Personal computers b) Workstations c) Dumb terminals d) Mainframes

Q37. . What are the three decisions making operations performed by the ALU of a computer?
a) Grater than b) Less than c) Equal to d) All of the above

Q38. . The word processing task associated with changing the appearance of a document is
a) Editing b) Writing c) Formatting d) All of above

Q39. . Nepal brought a computer for census of 2028 BS. This computer was of
a) first generation   b) second generation   c) third generation   d) fourth generation

Q40.   Algorithm and Flow chart help us to
a) Know the memory capacity   b) Identify the base of a number system
c) Direct the output to a printer   d) Specify the problem completely and clearly

Q41. . Which statement is valid about computer program?
a) It is understood by a computer   b) It is understood by programmer   c) It is understood user   d) Both a & b

Q42. . The difference between memory and storage is that memory is _____ and storage is __
a) Temporary, permanent   b) Permanent, temporary   c) Slow, fast   d) All of above

Q43. . When was Pascaline invented?
a) 1617   b) 1620   c) 1642   d) 1837

Q44. . Which of the following statement is valid?
a) Lady Augusta is the first programmer   b) Ada is the daughter of Lord Byron, a famous English poet
c) ADA is a programming language developed by US Defense   d) All of above

Q45. . Software in computer
a) Enhances the capabilities of the hardware machine   b) Increase the speed of central processing unit
c) Both of above   d) None of above