STUDENT COPY · SET A

Class 5 · Computer Science Olympiad

Total questions	Total marks	Time	Negative marking
50	60	60 minutes	None

Name: _____ Class/Section: _____ Roll no: _____

Each question has four options, of which only one is correct. Mark your answer on the answer sheet. The Achievers Section carries higher marks per question. Your teacher has the answers.
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Logical Reasoning

10 questions · 1 mark each · 10 marks

Q1. If JAR is written as 10 - 1 - 18 using the positions of the letters in the alphabet, how is INK written?

(A) 9 - 14 - 11 (B) 18 - 13 - 16 (C) 11 - 14 - 9 (D) 10 - 15 - 12

Q2. In a row of 23 children, Tara is 16th from the left end. What is Tara's position from the right end?

(A) 7th (B) 10th (C) 8th (D) 9th

Q3. Which word would come FIRST in a dictionary?

(A) matter (B) mother (C) melon (D) maple

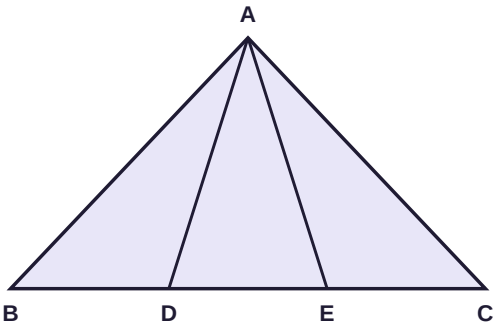
Q4. A father is 22 years older than his son. The son is 14 years old now. How old will the father be after 6 years?

(A) 36 years (B) 43 years (C) 42 years (D) 48 years

Q5. Find the next number in the pattern: 3, 8, 18, 38, ___

(A) 79 (B) 78 (C) 76 (D) 80

Q6. How many triangles are there in the given figure?



(A) 5 (B) 8 (C) 6 (D) 7

Q7. Pointing to a boy in a photograph, Rahul said, “This boy is not me, but he is the son of my paternal grandfather’s only son.” How is the boy related to Rahul?

(A) Nephew (B) Brother (C) Uncle (D) Cousin

Q8. All but one of these numbers are multiples of the same number. Find the one that is not: 21, 35, 54, 56, 77

(A) 54 (B) 21 (C) 77 (D) 35

Q9. In a certain code BUS is written as EXV. How is BAT written in that code?

(A) EDW (B) FEX (C) YXQ (D) WDE

Q10. If the 18th of a month is a Monday, what day of the week is the 27th of the same month?

(A) Friday (B) Wednesday (C) Tuesday (D) Thursday

Computer Science

30 questions · 1 mark each · 30 marks

Q11. What is antivirus software for?

(A) To find and remove harmful programs (B) To print in colour

(C) To make the screen brighter (D) To type faster

Q12. Which program is best for adding up a column of numbers automatically?

(A) A paint program (B) A spreadsheet

(C) A music player (D) A word processor

Q13. Where are files kept on a computer so they can be found again?

(A) In the mouse (B) In the speakers

(C) In folders (D) On the keyboard

Q14. In binary, the place values from right are 1, 2 and 4. What is 101 in binary equal to in decimal?

(A) 3 (B) 10 (C) 6 (D) 5

Q15. Which shortcut is normally used to print?

(A) Ctrl + P (B) Ctrl + F (C) Ctrl + D (D) Ctrl + S

Q16. What is the shortcut normally used to copy selected text?

(A) Ctrl + C (B) Ctrl + X (C) Ctrl + P (D) Ctrl + V

Q17. Which of these can a computer NOT do?

(A) Show pictures (B) Add numbers

(C) Feel happy or sad (D) Play music

Q18. Three programs send pages to the same printer. What should the operating system mainly do?

(A) Manage print jobs (B) Increase ink level

(C) Edit typed words (D) Scan the pages

Q19. Which of these is NOT an input device?

(A) Keyboard (B) Mouse (C) Monitor (D) Microphone

Q20. Which of these is an operating system?

(A) Linux (B) Photoshop (C) Chrome (D) Excel

Q21. What do we call the screen of a computer?

(A) Printer (B) Keyboard (C) Monitor (D) Mouse

Q22. An unknown game site asks for your home address to give a prize. What should you do first?

(A) Ask a trusted adult (B) Share it with friends

(C) Click more prize links (D) Fill the form fast

Q23. What should you do with a password?

(A) Keep it secret (B) Use your name as password

(C) Write it on the desk (D) Tell your whole class

Q24. What is a file extension such as .txt or .jpg used for?

(A) To lock the file (B) To show what kind of file it is

(C) To print the file (D) To make the file smaller

Q25. Which of these should you NOT do with a computer?

(A) Use it carefully (B) Pour water on it

(C) Switch it off properly (D) Keep it clean

Q26. In Excel, A1 has 6 and B1 has 4. Which entry in C1 will calculate 10?

(A) A1+B1 (B) =A1+B1 (C) =A1-B1 (D) =A1*B1

Q27. In a spreadsheet, where a row and a column meet is called a:

(A) Cell (B) Sheet (C) Border (D) Chart

Q28. What is the brain of the computer called?

(A) Keyboard (B) Monitor (C) CPU (D) Printer

Q29. What do we call the pictures on a computer screen that we click to open programs?

(A) Cables (B) Pages (C) Keys (D) Icons

Q30. In a document, the name meena is typed 12 times and must become Meena everywhere. Which feature is most useful?

(A) Spell Check (B) Page Border

(C) Word Count (D) Find and Replace

Q31. What does CPU stand for?

(A) Central Program Utility (B) Central Processing Unit

(C) Control Panel Unit (D) Computer Printing Unit

Q32. Which program would you use to type and format a letter?

(A) A spreadsheet (B) A word processor

(C) A web browser (D) A paint program

Q33. What do we call a machine that makes paper copies of what is on the screen?

(A) Printer (B) Monitor (C) Scanner (D) Mouse

Q34. Which password is the strongest choice for a school computer account?

(A) Mango@72Leaf (B) 12345678 (C) mango72 (D) Rani2000

Q35. What does the Delete key do?

(A) It closes the computer (B) It removes the selected item or the next character

(C) It saves the file (D) It prints the page

Q36. Which shortcut undoes the last action?

(A) Ctrl + B (B) Ctrl + Y (C) Ctrl + A (D) Ctrl + Z

Q37. A tablet and a smartphone are both:

(A) Kitchen tools (B) Musical instruments

(C) Types of furniture (D) Computers you can carry

Q38. A saved drawing remains after shutdown, but an unsaved paragraph is lost. Where was the saved drawing most likely kept?

(A) Hard disk (B) Processor (C) RAM (D) Monitor

Q39. Which part of a computer carries out calculations?

(A) The CPU (B) The monitor (C) The printer (D) The keyboard

Q40. Which key is used to delete the letter to the LEFT of the cursor?

(A) Backspace (B) Shift (C) Enter (D) Caps Lock

AI, Robotics and Information Technology

5 questions · 1 mark each · 5 marks

Q41. You get an email asking for your password. What is the safest thing to do?

(A) Send it to a friend first (B) Ignore it and tell an adult

(C) Post it online (D) Reply with the password

Q42. What does a scanner do?

(A) It copies a printed page into the computer (B) It charges the battery

(C) It plays sound (D) It prints a page

Q43. What does a printer usually need in order to print?

(A) Paper and ink or toner (B) Petrol

(C) Sand (D) Water and soap

Q44. What does "AI" stand for?

(A) Advanced Internet (B) Automatic Input

(C) Applied Information (D) Artificial Intelligence

Q45. Which of these lets you talk to someone far away using the internet?

(A) A keyboard (B) A scanner (C) A printer (D) A video call

Achievers Section

5 questions · 3 marks each · 15 marks

Q46. A file is 2 megabytes. Roughly how many kilobytes is that?

(A) About 2 KB
(B) About 2,000 KB
(C) About 200 KB
(D) About 20 KB

Q47. Pooja gets an email attachment from an unknown person saying 'Open for free game'. What should she do first?

(A) Forward it to friends
(B) Ask a trusted adult
(C) Open and scan later
(D) Reply for more details

Q48. A program repeats "print star" 5 times inside a loop. How many stars appear?

(A) 5
(B) 10
(C) 1
(D) 0

Q49. Which password is the safest choice because it does not use a name and mixes types of characters?

(A) blueblue
(B) Neha2014
(C) mango123
(D) T9!lakeMoon

Q50. You select a word, press Ctrl + C, then press Ctrl + V twice. What happens?

(A) The text is cut then pasted
(B) Nothing happens the second time
(C) The text is deleted twice
(D) The copied text is pasted two times

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