STUDENT COPY · SET B

Class 6 · 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.
This is original practice material written to the Level 1 pattern. It is not a past paper and is not affiliated with SOF or any official olympiad body.

Scan for the free weekly Olympiad test - 10 questions online, score and rank. Free.
syllabax.com/olympiad/class/6

Logical Reasoning

10 questions · 1 mark each · 10 marks

Q1. Pointing to a boy in a photograph, Meera said, “This boy is not me, but he is the son of my paternal grandfather’s only son.” How is the boy related to Meera?

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

Q2. In the first row the numbers are 7, 4 and 26. In the second row they are 2, 9 and 16. In the third row they are 9, 9 and ___ . The same rule applies to every row.

(A) 81 (B) 79 (C) 80 (D) 78

Q3. Which letter comes next? C, F, I, L, ___

(A) N (B) O (C) R (D) P

Q4. If the 18th of a month is a Tuesday, what day of the week is the 29th of the same month?

(A) Sunday (B) Saturday (C) Monday (D) Friday

Q5. Find the next number in the pattern: 5, 12, 26, 54, ___

(A) 112 (B) 110 (C) 108 (D) 111

Q6. If RAT is written as 18 - 1 - 20 using the positions of the letters in the alphabet, how is BUS written?

(A) 3 - 22 - 20 (B) 19 - 21 - 2 (C) 2 - 21 - 19 (D) 25 - 6 - 8

Q7. Kabir walks 4 m towards north, turns right and walks 2 m, then turns right again and walks 4 m. How far is Kabir from the starting point, and in which direction?

(A) 2 m, East (B) 4 m, East (C) 2 m, West (D) 6 m, North

Q8. In a class, 13 students play cricket, 21 play football and 7 play both games. Every student plays at least one of the two. How many students are there in the class?

(A) 27 (B) 34 (C) 28 (D) 20

Q9. Which letter comes next? C, E, H, L, ___

(A) P (B) O (C) R (D) Q

Q10. In a certain code FAN is written as JER. How is CAT written in that code?

(A) HFY (B) YWP (C) GEX (D) XEG

Computer Science

30 questions · 1 mark each · 30 marks

Q11. What is a file extension such as .txt or .jpg used for?

(A) To print the file (B) To lock the file

(C) To make the file smaller (D) To show what kind of file it is

Q12. What does the Delete key do?

(A) It removes the selected item or the next character (B) It saves the file

(C) It closes the computer (D) It prints the page

Q13. Which part of a computer carries out calculations?

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

Q14. Which of these is NOT an input device?

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

Q15. Which of these is an output device?

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

Q16. Which of these files is most likely a song?

(A) notes.txt (B) song.mp3 (C) page.html (D) photo.jpg

Q17. What do we call a set of keys pressed together to do something quickly?

(A) A keyboard shortcut (B) A password

(C) A driver (D) A folder

Q18. What does WWW stand for?

(A) Wide World Web (B) World Wide Web

(C) World Wired Web (D) Web World Wide

Q19. What is the brain of the computer called?

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

Q20. Which of these keeps data even when the computer is switched off?

(A) Hard disk (B) Clipboard (C) RAM (D) Cache

Q21. What does a modem or router mainly help you do?

(A) Connect to the internet (B) Print in colour

(C) Cool the computer (D) Store photos

Q22. What is software?

(A) The wires inside a computer (B) The physical parts of a computer

(C) The screen of a computer (D) A set of programs that tell the computer what to do

Q23. What does RAM stand for?

(A) Read Any Memory
(B) Run All Memory
(C) Random Access Memory
(D) Rapid Access Machine

Q24. Which shortcut is normally used to print?

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

Q25. Which is the largest unit of the four?

(A) 1 megabyte
(B) 1 kilobyte
(C) 1 byte
(D) 1 gigabyte

Q26. Where do we use the @ symbol most often?

(A) A password only
(B) An email address
(C) A file name
(D) A phone number

Q27. Which of these is an example of hardware?

(A) A web page
(B) An operating system
(C) A song file
(D) A printer

Q28. What is the shortcut normally used to paste copied text?

(A) Ctrl + V
(B) Ctrl + Z
(C) Ctrl + S
(D) Ctrl + C

Q29. What should you do with a password?

(A) Write it on the desk
(B) Use your name as password
(C) Tell your whole class
(D) Keep it secret

Q30. Which program is best for adding up a column of numbers automatically?

(A) A word processor
(B) A paint program
(C) A music player
(D) A spreadsheet

Q31. In programming, what does a variable do?

(A) It prints the screen
(B) It connects to wifi
(C) It deletes a file
(D) It stores a value that can change

Q32. What is a bug in a program?

(A) A small insect inside the computer
(B) A mistake that makes it behave wrongly
(C) A type of cable
(D) A kind of printer

Q33. What does CPU stand for?

(A) Control Panel Unit
(B) Computer Printing Unit
(C) Central Program Utility
(D) Central Processing Unit

Q34. Which program would you use to type and format a letter?

(A) A paint program
(B) A web browser
(C) A spreadsheet
(D) A word processor

Q35. What is an email used for?

(A) Sending messages over the internet
(B) Printing documents
(C) Charging the battery
(D) Playing music only

Q36. What does it mean to "download" a file?

(A) To delete it from your device
(B) To print it on paper
(C) To copy it from the internet to your device
(D) To send it to a friend

Q37. What does "debugging" mean?

(A) Finding and fixing errors in a program
(B) Renaming the program
(C) Printing the program
(D) Deleting the program

Q38. What is a computer virus?

(A) A germ that makes the user ill
(B) A broken wire inside the computer
(C) A harmful program that can damage files
(D) A type of printer

Q39. Which key is used to delete the letter to the LEFT of the cursor?

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

Q40. In programming, what is a loop used for?

(A) To stop the program
(B) To delete a file
(C) To repeat a set of instructions
(D) To print a document

AI, Robotics and Information Technology

5 questions · 1 mark each · 5 marks

Q41. What is a QR code used for?

(A) To print photos
(B) To store information a camera can read quickly
(C) To charge a phone
(D) To cool the computer

Q42. Which of these is an example of a robot being useful in a factory?

(A) Dreaming about work
(B) Eating lunch with workers
(C) Sleeping at night
(D) Assembling parts on a production line

Q43. Which device stores photos taken on a phone?

(A) The phone’s memory
(B) The phone’s charger
(C) The phone’s speaker
(D) The phone’s screen

Q44. Which of these is an example of using technology politely?

(A) Playing loud videos in class
(B) Calling during an exam
(C) Recording people without asking
(D) Silencing your phone in class

Q45. Which of these is used to store and carry files between computers?

(A) A keyboard (B) A monitor (C) A pen drive (D) A speaker

Achievers Section

5 questions · 3 marks each · 15 marks

Q46. A program repeats "print star" 5 times inside a loop. How many stars appear?

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

Q47. Priya drew a flower too far left in MS Paint. She wants to move it without drawing it again. What should she use first?

(A) Text tool (B) Pencil tool (C) Fill tool (D) Select tool

Q48. An email says, 'Your account will close today. Click the link and enter your password.' What is the best first action?

(A) Ask a trusted adult to check it (B) Forward it to classmates

(C) Enter the password quickly (D) Reply with a phone number

Q49. In the word 'plaay', the cursor is just after the extra 'a'. Which key should remove the letter on the left of the cursor?

(A) Delete (B) Backspace (C) Enter (D) Shift

Q50. Aarav uses the Fill tool inside a circle in MS Paint, but the outside area also becomes coloured. What is the most likely reason?

(A) The brush size is too small (B) The circle outline has a gap

(C) The eraser colour is white (D) The zoom level is too high

Free practice paper from syllabax.com · not affiliated with SOF or any official olympiad body.