STUDENT COPY · SET A

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.
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Logical Reasoning

10 questions · 1 mark each · 10 marks

Q1. Riya walks 9 m towards north, turns right and walks 5 m, then turns right again and walks 9 m. How far is Riya from the starting point, and in which direction?

(A) 5 m, West (B) 5 m, East (C) 14 m, North (D) 9 m, East

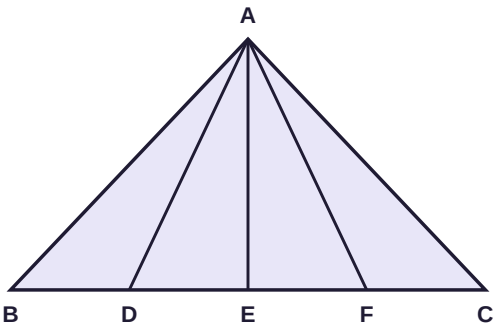
Q2. Which letter comes next? F, J, N, R, ___

(A) Z (B) W (C) V (D) U

Q3. Pointing to a boy in a photograph, Vikram said, “This boy is not me, but he is the son of my paternal grandfather’s only son.” How is the boy related to Vikram?

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

Q4. How many triangles are there in the given figure?



(A) 10 (B) 11 (C) 12 (D) 9

Q5. Five friends A, B, C, D and E sit in a row of five seats. A sits at the extreme left end, D sits at the extreme right end, C sits exactly in the middle and B sits between A and C. Who sits in the fourth seat from the left?

(A) B (B) C (C) D (D) E

Q6. In the first row the numbers are 9, 2 and 16. In the second row they are 3, 8 and 22. In the third row they are 3, 3 and ___ . The same rule applies to every row.

(A) 9 (B) 8 (C) 7 (D) 6

Q7. Which of these figures has exactly 4 lines of symmetry?



(A) (B) (C) (D)

Q8. All but one of these numbers are multiples of the same number. Find the one that is not: 49, 54, 63, 72, 81

(A) 54 (B) 49 (C) 81 (D) 72

Q9. 8 : 64 :: 10 : ___

(A) 121 (B) 20 (C) 81 (D) 100

Q10. Which word would come FIRST in a dictionary?

(A) mango (B) maple (C) museum (D) matter

Computer Science

30 questions · 1 mark each · 30 marks

Q11. Meena drags a file from Downloads to Maths folder. Which software mainly manages this action?

(A) Operating system (B) Web browser

(C) Drawing program (D) Word processor

Q12. Which of these is an input device?

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

Q13. What is the desktop on a computer?

(A) The main screen you see after starting up (B) A type of printer

(C) A wooden table (D) A storage box

Q14. In a drawing app, the Fill tool colours outside a circle too. What is the most likely reason?

(A) The canvas is in landscape (B) The circle boundary has a gap

(C) The zoom level is very high (D) The fill colour is too dark

Q15. Which number system does a computer use internally?

(A) Roman (B) Binary (C) Octal (D) Decimal

Q16. In a spreadsheet, where a row and a column meet is called a:

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

Q17. Cell C1 has =A1+B1. A1 is 4 and B1 is 5. If A1 is changed to 10, what should C1 show?

(A) 9 (B) 15 (C) =A1+B1 (D) 10

Q18. Which shortcut undoes the last action?

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

Q19. Which shortcut selects everything in a document?

(A) Ctrl + Q (B) Ctrl + E (C) Ctrl + W (D) Ctrl + A

Q20. A web page should show Welcome as the largest heading. Which HTML code is best?

(A) Welcome (B) <title>Welcome</title>

(C) <h1>Welcome</h1> (D)
Welcome</br>

Q21. Which of these is a programming language?

(A) Notepad (B) Windows (C) Python (D) Firefox

Q22. Which of these files is most likely a picture?

(A) song.mp3 (B) photo.jpg (C) movie.mp4 (D) notes.txt

Q23. On a slide, text is shown first and a picture should appear only after a click. Which feature controls this?

(A) Transition (B) Theme (C) Slide layout (D) Animation

Q24. What will be printed? x = 5; x = x + 3; print(x)

(A) 3 (B) 8 (C) 53 (D) 5

Q25. In a spreadsheet, what usually appears at the start of a formula?

(A) A question mark (B) An equals sign

(C) A full stop (D) A hyphen

Q26. A title must be exactly in the middle of a page line. Which command should be used instead of pressing Space many times?

(A) Page border (B) Text wrapping

(C) Center alignment (D) Line spacing

Q27. Which of these is the safest password?

(A) Ra1n@Kolkata#27 (B) 123456

(C) password (D) myname

Q28. Which of these is a storage device?

(A) Hard disk (B) Mouse (C) Speaker (D) Monitor

Q29. Which group is in the order: input device, output device, storage device?

(A) Mouse, USB drive, monitor (B) Mouse, monitor, USB drive

(C) USB drive, monitor, mouse (D) Monitor, mouse, USB drive

Q30. How many bits make one byte?

(A) 4 (B) 8 (C) 32 (D) 16

Q31. Where do we often see "www"?

(A) A password (B) A phone number

(C) A website address (D) A file size

Q32. In a flowchart, which shape is used for a decision?

(A) A rectangle (B) A diamond (C) An oval (D) A circle

Q33. What does a folder do?

(A) It holds files together in one place (B) It prints files

(C) It deletes files (D) It types files

Q34. Which memory loses all its contents when the computer is switched off?

(A) Pen drive (B) ROM (C) Hard disk (D) RAM

Q35. Which shortcut is normally used to save your work?

(A) Ctrl + S (B) Ctrl + P (C) Ctrl + O (D) Ctrl + N

Q36. Which of these is an operating system?

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

Q37. 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

Q38. What is an algorithm?

(A) A storage device (B) A type of virus

(C) A kind of computer screen (D) A step-by-step method to solve a problem

Q39. Which of these makes a computer run slowly and can harm files?

(A) A folder (B) A wallpaper (C) A virus (D) A shortcut

Q40. Which of these is a web browser?

(A) Firefox (B) Windows (C) Android (D) Linux

AI, Robotics and Information Technology

5 questions · 1 mark each · 5 marks

Q41. Which of these is a search engine?

(A) Google (B) Word (C) Excel (D) Paint

Q42. You get an email asking for your password. What is the safest thing to do?

(A) Send it to a friend first (B) Reply with the password

(C) Post it online (D) Ignore it and tell an adult

Q43. What does "AI" stand for?

(A) Automatic Input (B) Applied Information

(C) Artificial Intelligence (D) Advanced Internet

Q44. Which of these is an example of a robot helping at home?

(A) A broom leaning on a wall (B) A robot vacuum cleaning the floor

(C) A bucket of water (D) A wooden chair

Q45. What should you do if a stranger online asks for your home address?

(A) Share your school name instead
(B) Post it publicly
(C) Send it politely
(D) Refuse and tell a trusted adult

Achievers Section

5 questions · 3 marks each · 15 marks

Q46. Why is it safer to switch off a computer using the Shut Down option rather than pulling out the plug?

(A) It closes files properly so data is not lost
(B) It cleans the screen
(C) It makes the computer faster next time
(D) It saves electricity only

Q47. Tanvi typed a story and wants it available tomorrow after the computer is shut down. Where should she save it?

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

Q48. You select a word, press Ctrl + C, then press Ctrl + V twice. What happens?

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

Q49. A ticket machine screen lets Anil touch 'Print ticket' and then shows messages while giving a paper ticket. For this task, the screen works as what?

(A) Only a storage device
(B) An input and output device
(C) Only an input device
(D) Only an output device

Q50. A file is 2 megabytes. Roughly how many kilobytes is that?

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

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