

Class 1 · Computer Science Olympiad

Total questions 35	Total marks 40	Time 60 minutes	Negative marking None
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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. The answer key with full solutions is at the end of this paper.

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.

Logical Reasoning

5 questions · 1 mark each · 5 marks

Q1. Which of these numbers is the greatest?

- (A) 20 (B) 7 (C) 84 (D) 13

Q2. Which number comes just after 37?

- (A) 37 (B) 39 (C) 38 (D) 40

Q3. Find the next number in the pattern: 6, 8, 10, 12, ____

- (A) 15 (B) 14 (C) 12 (D) 16

Q4. If today is Friday, what day is the day after today?

- (A) Monday (B) Tuesday (C) Sunday (D) Saturday

Q5. Look at the pattern: circle, triangle, circle, triangle, circle, ____ . Which shape comes next?

- (A) triangle (B) hexagon (C) circle (D) oval

Computer Science

20 questions · 1 mark each · 20 marks

Q6. Which of these can a computer help us do?

- (A) Wash clothes (B) Draw a picture
(C) Water the garden (D) Cook rice

Q7. Which of these is an output device?

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

Q8. Which of these is used to switch a computer on?

- (A) The screen (B) The mouse wheel
(C) The power button (D) The spacebar

Q9. What do we call the screen of a computer?

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

Q10. What should we do with dirty hands before using a computer?

- (A) Wash them (B) Nothing
(C) Touch the screen anyway (D) Rub them on the keyboard

- Q11. What does the monitor of a computer do?
(A) It displays the output on a screen (B) It prints on paper
(C) It stores files permanently (D) It types the letters
- Q12. What shape is a normal computer mouse pointer usually?
(A) A star (B) A circle (C) An arrow (D) A square
- Q13. A calculator helps us to:
(A) Cook food (B) Do sums quickly
(C) Sweep the floor (D) Wash dishes
- Q14. Which key is used to make a space between two words?
(A) Delete (B) Shift (C) Enter (D) Spacebar
- Q15. Which of these should you NOT do with a computer?
(A) Pour water on it (B) Use it carefully
(C) Switch it off properly (D) Keep it clean
- Q16. Which hand part do we use to hold a mouse?
(A) Our foot (B) Our hand (C) Our ear (D) Our nose
- Q17. Which device is used to point and click on the screen?
(A) Speaker (B) Monitor (C) Mouse (D) Printer
- Q18. Which part of the computer has letters and numbers on it?
(A) Speaker (B) Monitor (C) CPU (D) Keyboard
- Q19. Can a computer work without electricity?
(A) Yes, always (B) Yes, at night only
(C) No (D) Yes, in summer
- Q20. Which of these is an input device?
(A) Monitor (B) Speaker (C) Keyboard (D) Printer
- Q21. What do we call a machine that makes paper copies of what is on the screen?
(A) Monitor (B) Printer (C) Mouse (D) Scanner
- Q22. How many eyes does a computer have?
(A) None (B) Two (C) One (D) Four
- Q23. What do we use to listen to sound from a computer?
(A) Keyboard (B) Speakers (C) Printer (D) Mouse
- Q24. Which key has the biggest size on a keyboard?
(A) The 1 key (B) The spacebar (C) The Z key (D) The A key
- Q25. Which of these is a computer used for?
(A) Cutting vegetables (B) Washing clothes
(C) Doing work and playing games (D) Cooking food

Q26. Which of these can we use to call someone far away?

- (A) A pencil (B) A telephone (C) A plate (D) A hammer

Q27. Which of these can take a photograph?

- (A) A camera (B) A shoe (C) A book (D) A spoon

Q28. Which of these keeps time and can ring an alarm?

- (A) A brush (B) A clock (C) A mat (D) A cup

Q29. Which machine keeps our food cold?

- (A) A heater (B) A toaster
(C) An iron (D) A refrigerator

Q30. What do we use to watch cartoons at home?

- (A) A fan (B) A fridge
(C) A television (D) A washing machine

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. There are 9 boxes with 7 samosas in each box. If 52 samosas are eaten, how many are left?

- (A) 8 (B) 14 (C) 11 (D) 63

Q32. Choose the correct form: "The ____ playing in the park." (use the plural of 'mouse')

- (A) mouse are (B) mice are (C) mice is (D) mouses are

Q33. There are 6 boxes with 8 oranges in each box. If 11 oranges are eaten, how many are left?

- (A) 37 (B) 40 (C) 34 (D) 48

Q34. Choose the correct form: "The ____ playing in the park." (use the plural of 'leaf')

- (A) leaf are (B) leafs are (C) leaves is (D) leaves are

Q35. There are 8 boxes with 11 apples in each box. If 17 apples are eaten, how many are left?

- (A) 71 (B) 68 (C) 88 (D) 74

Answer Key

1	2	3	4	5	6	7	8	9	10
C	C	B	D	A	B	D	C	D	A
11	12	13	14	15	16	17	18	19	20
A	C	B	D	A	B	C	D	C	C
21	22	23	24	25	26	27	28	29	30
B	A	B	B	C	B	A	B	D	C
31	32	33	34	35					
C	B	A	D	A					

Solutions

- Q1. (C) Comparing 7, 13, 20, 84, the greatest is 84.
- Q2. (C) The number just after 37 is 38.
- Q3. (B) Each number is 2 more than the one before it, so the next is $12 + 2 = 14$.
- Q4. (D) Counting 1 day(s) on from Friday gives Saturday.
- Q5. (A) The pattern repeats circle then triangle over and over, so after circle comes triangle.
- Q6. (B) We can draw pictures on a computer using a paint program. The answer is Draw a picture.
- Q7. (D) A printer gives information OUT of the computer, so it is an output device.
- Q8. (C) The power button switches the computer on and off.
- Q9. (D) The screen of a computer is the monitor.
- Q10. (A) Clean hands keep the keyboard and mouse clean. The answer is Wash them.
- Q11. (A) The monitor shows what the computer is doing, so it is an output device. The answer is It displays the output on a screen.
- Q12. (C) The mouse pointer is usually a small arrow. The answer is An arrow.
- Q13. (B) A calculator does sums quickly. The answer is Do sums quickly.
- Q14. (D) The spacebar is the long key at the bottom that inserts a space.
- Q15. (A) Water damages a computer; it must be kept dry. The answer is Pour water on it.
- Q16. (B) We hold the mouse in our hand.
- Q17. (C) The mouse moves the pointer on the screen and is used to click.
- Q18. (D) The keyboard has keys with letters and numbers.
- Q19. (C) A computer needs electricity to work. The answer is No.
- Q20. (C) A keyboard puts information INTO the computer, so it is an input device.
- Q21. (B) A printer puts what is on the screen onto paper.
- Q22. (A) A computer has no eyes; it is a machine. The answer is None.
- Q23. (B) Speakers let us hear sound from the computer.
- Q24. (B) The spacebar is the longest key on the keyboard.
- Q25. (C) A computer helps us do work, learn and play games. The answer is Doing work and playing games.
- Q26. (B) A telephone lets us talk to people far away.
- Q27. (A) A camera takes photographs.
- Q28. (B) A clock keeps time and can ring an alarm.
- Q29. (D) A refrigerator keeps food cold.
- Q30. (C) We watch programmes on a television.
- Q31. (C) $9 \times 7 = 63$ samosas in all, and $63 - 52 = 11$ are left.
- Q32. (B) The plural of 'mouse' is 'mice', and a plural subject takes 'are', so the answer is "mice are".
- Q33. (A) $6 \times 8 = 48$ oranges in all, and $48 - 11 = 37$ are left.
- Q34. (D) The plural of 'leaf' is 'leaves', and a plural subject takes 'are', so the answer is "leaves are".
- Q35. (A) $8 \times 11 = 88$ apples in all, and $88 - 17 = 71$ are left.

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