

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 number comes just before 60?

- (A) 62 (B) 58 (C) 59 (D) 60

Q2. Count forward in 3s: 9, 12, 15, 18, ____

- (A) 20 (B) 21 (C) 24 (D) 22

Q3. Find the next number in the pattern: 8, 12, 16, 20, ____

- (A) 20 (B) 24 (C) 25 (D) 28

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

- (A) Thursday (B) Monday (C) Tuesday (D) Wednesday

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

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

Computer Science

20 questions · 1 mark each · 20 marks

Q6. Which of these is a computer used for?

- (A) Doing work and playing games (B) Cutting vegetables
(C) Cooking food (D) Washing clothes

Q7. What should we do with dirty hands before using a computer?

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

Q8. Which of these is an input device?

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

Q9. Which of these is used to switch a computer on?

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

Q10. Which of these should you NOT do with a computer?

- (A) Keep it clean (B) Switch it off properly
(C) Use it carefully (D) Pour water on it

- Q11. Which of these is a machine like a computer?
 (A) A chair (B) A towel (C) A tablet (D) A plate
- Q12. Which of these is an output device?
 (A) Scanner (B) Printer (C) Keyboard (D) Mouse
- Q13. What shape is a normal computer mouse pointer usually?
 (A) A square (B) An arrow (C) A star (D) A circle
- Q14. On which part of the computer do we see pictures and words?
 (A) The screen (B) The table (C) The wires (D) The keyboard
- Q15. Which device is used to point and click on the screen?
 (A) Mouse (B) Monitor (C) Speaker (D) Printer
- Q16. What do we use to listen to sound from a computer?
 (A) Speakers (B) Mouse (C) Keyboard (D) Printer
- Q17. Can a computer work without electricity?
 (A) Yes, in summer (B) Yes, at night only
 (C) Yes, always (D) No
- Q18. What does the monitor of a computer do?
 (A) It displays the output on a screen (B) It types the letters
 (C) It stores files permanently (D) It prints on paper
- Q19. What do we call the screen of a computer?
 (A) Monitor (B) Mouse (C) Keyboard (D) Printer
- Q20. Which of these can a computer help us do?
 (A) Wash clothes (B) Draw a picture
 (C) Cook rice (D) Water the garden
- Q21. Which key is used to make a space between two words?
 (A) Shift (B) Spacebar (C) Enter (D) Delete
- Q22. Which part of the computer has letters and numbers on it?
 (A) CPU (B) Speaker (C) Keyboard (D) Monitor
- Q23. Which of these do we press with our fingers to type?
 (A) Lights (B) Wheels (C) Keys (D) Wires
- Q24. What do we call a machine that makes paper copies of what is on the screen?
 (A) Monitor (B) Printer (C) Scanner (D) Mouse
- Q25. Where do we usually keep a desktop computer?
 (A) Under the rain (B) Inside a fridge
 (C) In a bucket of water (D) On a table

Q26. Which machine keeps our food cold?

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

Q27. Which of these can we use to call someone far away?

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

Q28. Which of these can take a photograph?

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

Q29. What do we use to watch cartoons at home?

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

Q30. Which of these keeps time and can ring an alarm?

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

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. There are 6 boxes with 12 samosas in each box. If 45 samosas are eaten, how many are left?

- (A) 27 (B) 30 (C) 72 (D) 24

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

- (A) tooths are (B) tooth are (C) teeth is (D) teeth are

Q33. There are 7 boxes with 5 apples in each box. If 17 apples are eaten, how many are left?

- (A) 15 (B) 21 (C) 18 (D) 35

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

- (A) citys are (B) cities are (C) city are (D) cities is

Q35. There are 5 boxes with 8 oranges in each box. If 16 oranges are eaten, how many are left?

- (A) 40 (B) 27 (C) 21 (D) 24

Answer Key

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

Solutions

Q1. (C) The number just before 60 is 59.

- Q2. (B) Adding 3 to 18 gives 21.
- Q3. (B) Each number is 4 more than the one before it, so the next is $20 + 4 = 24$.
- Q4. (B) Counting 1 day(s) on from Sunday gives Monday.
- Q5. (D) The pattern repeats triangle then star over and over, so after triangle comes star.
- Q6. (A) A computer helps us do work, learn and play games. The answer is Doing work and playing games.
- Q7. (B) Clean hands keep the keyboard and mouse clean. The answer is Wash them.
- Q8. (B) A keyboard puts information INTO the computer, so it is an input device.
- Q9. (C) The power button switches the computer on and off.
- Q10. (D) Water damages a computer; it must be kept dry. The answer is Pour water on it.
- Q11. (C) A tablet is a small computer.
- Q12. (B) A printer gives information OUT of the computer, so it is an output device.
- Q13. (B) The mouse pointer is usually a small arrow. The answer is An arrow.
- Q14. (A) We see pictures and words on the screen.
- Q15. (A) The mouse moves the pointer on the screen and is used to click.
- Q16. (A) Speakers let us hear sound from the computer.
- Q17. (D) A computer needs electricity to work. The answer is No.
- Q18. (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.
- Q19. (A) The screen of a computer is the monitor.
- Q20. (B) We can draw pictures on a computer using a paint program. The answer is Draw a picture.
- Q21. (B) The spacebar is the long key at the bottom that inserts a space.
- Q22. (C) The keyboard has keys with letters and numbers.
- Q23. (C) We press the keys on the keyboard to type.
- Q24. (B) A printer puts what is on the screen onto paper.
- Q25. (D) A computer is kept on a table in a dry place.
- Q26. (A) A refrigerator keeps food cold.
- Q27. (A) A telephone lets us talk to people far away.
- Q28. (D) A camera takes photographs.
- Q29. (A) We watch programmes on a television.
- Q30. (B) A clock keeps time and can ring an alarm.
- Q31. (A) $6 \times 12 = 72$ samosas in all, and $72 - 45 = 27$ are left.
- Q32. (D) The plural of 'tooth' is 'teeth', and a plural subject takes 'are', so the answer is "teeth are".
- Q33. (C) $7 \times 5 = 35$ apples in all, and $35 - 17 = 18$ are left.
- Q34. (B) The plural of 'city' is 'cities', and a plural subject takes 'are', so the answer is "cities are".
- Q35. (D) $5 \times 8 = 40$ oranges in all, and $40 - 16 = 24$ are left.

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