

Class 2 · Computer Science Olympiad

Total questions 35	Total marks 40	Time 60 minutes	Negative marking None
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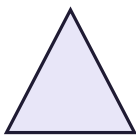
Each question has four options, of which only one is correct. Mark your answer on the answer sheet. The Achievers Section carries higher marks per question. The answer key with full solutions is at the end of this paper.

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

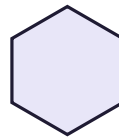
Q1. Which of these figures has exactly 5 lines of symmetry?



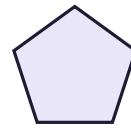
(A)



(B)



(C)



(D)

Q2. If today is Saturday, what day is the day after today?

(A) Monday

(B) Wednesday

(C) Sunday

(D) Tuesday

Q3. Count backward in 10s: 110, 100, 90, 80, ____

(A) 80

(B) 70

(C) 71

(D) 60

Q4. Which of these numbers is the greatest?

(A) 518

(B) 966

(C) 432

(D) 666

Q5. Find the odd one out: 28, 58, 63, 70, 77

(A) 70

(B) 58

(C) 77

(D) 28

Computer Science

20 questions · 1 mark each · 20 marks

Q6. What does the monitor of a computer do?

(A) It prints on paper

(B) It displays the output on a screen

(C) It stores files permanently

(D) It types the letters

Q7. Which of these can a computer help us do?

(A) Wash clothes

(B) Water the garden

(C) Draw a picture

(D) Cook rice

Q8. What should you do before switching off the computer?

(A) Close your eyes

(B) Save your work

(C) Shake it

(D) Unplug it quickly

Q9. What does the Delete key do?

- | | |
|--|------------------------|
| (A) It closes the computer | (B) It saves the file |
| (C) It removes the selected item or the next character | (D) It prints the page |

Q10. Which key is used to delete the letter to the LEFT of the cursor?

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

Q11. Which of these is a computer part?

- | | | | |
|----------|------------|-----------|-----------|
| (A) Shoe | (B) Pillow | (C) Spoon | (D) Mouse |
|----------|------------|-----------|-----------|

Q12. Which of these should you NOT do with a computer?

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

Q13. What does a folder do?

- | | |
|--|----------------------|
| (A) It holds files together in one place | (B) It types files |
| (C) It prints files | (D) It deletes files |

Q14. Which key is used to make a space between two words?

- | | | | |
|--------------|-----------|------------|-----------|
| (A) Spacebar | (B) Shift | (C) Delete | (D) Enter |
|--------------|-----------|------------|-----------|

Q15. How many eyes does a computer have?

- | | | | |
|----------|----------|---------|---------|
| (A) None | (B) Four | (C) One | (D) Two |
|----------|----------|---------|---------|

Q16. Which of these is a computer used for?

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

Q17. Which of these is used to switch a computer on?

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

Q18. Which of these is an output device?

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

Q19. Which of these do we press with our fingers to type?

- | | | | |
|------------|-----------|----------|------------|
| (A) Lights | (B) Wires | (C) Keys | (D) Wheels |
|------------|-----------|----------|------------|

Q20. What shape is a normal computer mouse pointer usually?

- | | | | |
|--------------|--------------|------------|--------------|
| (A) A circle | (B) An arrow | (C) A star | (D) A square |
|--------------|--------------|------------|--------------|

Q21. What is the desktop on a computer?

- | | |
|--------------------|---|
| (A) A wooden table | (B) A type of printer |
| (C) A storage box | (D) The main screen you see after starting up |

Q22. Which key makes letters appear in CAPITAL letters while it is switched on?

- | | | | |
|---------|---------|---------------|---------|
| (A) Alt | (B) Tab | (C) Caps Lock | (D) Esc |
|---------|---------|---------------|---------|

Q23. What do we call the small pictures we click on the screen?

- (A) Bricks (B) Icons (C) Seeds (D) Stones

Q24. Which of these is used to draw pictures on a computer?

- (A) A printer driver (B) A password
(C) A paint program (D) A calculator

Q25. Which device is used to point and click on the screen?

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

Information Technology

5 questions · 1 mark each · 5 marks

Q26. Which of these is used to store and carry files between computers?

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

Q27. What do we use to watch cartoons at home?

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

Q28. What does a printer need in order to print?

- (A) Paper and ink or toner (B) Petrol
(C) Sand (D) Water and soap

Q29. Which machine keeps our food cold?

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

Q30. Which of these lets you talk to someone far away using the internet?

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

Achievers Section

5 questions · 2 marks each · 10 marks

Q31. $7 + \underline{\quad} = 42$

- (A) 25 (B) 45 (C) 42 (D) 35

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

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

Q33. There are 7 boxes with 4 samosas in each box. If 8 samosas are eaten, how many are left?

- (A) 23 (B) 17 (C) 20 (D) 28

Q34. $66 + \underline{\quad} = 165$

- (A) 109 (B) 89 (C) 99 (D) 165

Q35. Choose the correct form: "The ____ playing in the park." (use the plural of 'mouse')

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

Answer Key

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

Solutions

Q1. (D) Counting lines of symmetry: equilateral triangle has 3, square has 4, regular hexagon has 6, regular pentagon has 5. The answer is figure (D).

Q2. (C) Counting 1 day(s) on from Saturday gives Sunday.

Q3. (B) Subtracting 10 from 80 gives 70.

Q4. (B) Comparing 432, 518, 666, 966, the greatest is 966.

Q5. (B) Every other number is a multiple of 7. 58 is not.

Q6. (B) The monitor shows what the computer is doing, so it is an output device. The answer is It displays the output on a screen.

Q7. (C) We can draw pictures on a computer using a paint program. The answer is Draw a picture.

Q8. (B) Always save your work first, or it will be lost.

Q9. (C) Delete removes the selection, or the character to the right of the cursor. The answer is It removes the selected item or the next character.

Q10. (D) Backspace removes the character to the left; the Delete key removes the one to the right.

Q11. (D) A mouse is a part of a computer.

Q12. (D) Water damages a computer; it must be kept dry. The answer is Pour water on it.

Q13. (A) Folders group related files together. The answer is It holds files together in one place.

Q14. (A) The spacebar is the long key at the bottom that inserts a space.

Q15. (A) A computer has no eyes; it is a machine. The answer is None.

Q16. (B) A computer helps us do work, learn and play games. The answer is Doing work and playing games.

Q17. (A) The power button switches the computer on and off.

Q18. (D) A printer gives information OUT of the computer, so it is an output device.

Q19. (C) We press the keys on the keyboard to type.

Q20. (B) The mouse pointer is usually a small arrow. The answer is An arrow.

Q21. (D) The desktop is the main working screen with icons on it. The answer is The main screen you see after starting up.

Q22. (C) Caps Lock keeps typing in capitals until it is switched off.

Q23. (B) Small clickable pictures are called icons.

Q24. (C) A paint program lets you draw and colour on the computer.

Q25. (A) The mouse moves the pointer on the screen and is used to click.

Q26. (B) A pen drive is a small portable storage device.

Q27. (D) We watch programmes on a television.

Q28. (A) A printer needs paper and ink or toner.

Q29. (B) A refrigerator keeps food cold.

Q30. (D) A video call carries picture and sound over the internet.

Q31. (D) The missing number is $42 - 7 = 35$.

Q32. (C) The plural of 'leaf' is 'leaves', and a plural subject takes 'are', so the answer is "leaves are".

Q33. (C) $7 \times 4 = 28$ samosas in all, and $28 - 8 = 20$ are left.

Q34. (C) The missing number is $165 - 66 = 99$.

Q35. (C) The plural of 'mouse' is 'mice', and a plural subject takes 'are', so the answer is "mice are".

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