

Grade 8 PECTAA Computer Science Model Paper 2026-27

1. Machine learning gives a system the ability to:

- A. Function
- B. Learn
- C. Operate
- D. Translate

Correct answer: B — Learn

2. LAN is an abbreviation of:

- A. Limited Area Network
- B. Logical Area Network
- C. Large Area Network
- D. Local Area Network

Correct answer: D — Local Area Network

3. The cable commonly used in cable television networks is:

- A. Twisted Pair
- B. Coaxial
- C. Fiber Optic
- D. Shielded Pair

Correct answer: B — Coaxial

4. Example of spreadsheet software is:

- A. MS Word
- B. MS PowerPoint
- C. MS Access
- D. MS Excel

Correct answer: D — MS Excel

5. The purpose of a border in MS Excel is to:

- A. Select data
- B. Move data
- C. Merge data
- D. Visual clarity

Correct answer: D — Visual clarity

6. Function in MS Excel that tests whether a condition is true or false is:

- A. MIN
- B. MAX
- C. IF
- D. SUM

Correct answer: C — IF

7. Graphical representation of data in MS Excel is:

- A. Picture
- B. Drawing
- C. Chart
- D. Border

Correct answer: C — Chart

8. Free web-based spreadsheet application by Google is:

- A. Google Docs
- B. Google Slides
- C. Google Sheets
- D. Google Forms

Correct answer: C — Google Sheets

9. Predefined formulas in Google Sheets are called:

- A. Reference
- B. Functions
- C. Parameters
- D. Commands

Correct answer: B — Functions

10. Formula used in a spreadsheet to multiply two cells is:

- A. C1**C2
- B. = C1*C2
- C. Mul(C1; C2)
- D. Multiply(C1 : C2)

Correct answer: B — = C1*C2

11. Software used both in online and offline mode is:

- A. Google sheets
- B. MS Excel
- C. OpenOffice
- D. Libreoffice

Correct answer: B — MS Excel

12. Root causes of a complex problem are:

- A. 1
- B. 2
- C. 3
- D. Various

Correct answer: D — Various

13. Plain-English steps to solve a problem are called:

- A. Pseudocode
- B. Flowchart
- C. Program
- D. Abstraction

Correct answer: A — Pseudocode

14. In a flowchart, the symbol used to process data is:

- A. Process
- B. Decision
- C. Flow line
- D. Start

Correct answer: A — Process

15. Arrangement where an element is placed within another element is:

- A. Condition
- B. Nesting
- C. Loop
- D. If-else

Correct answer: B — Nesting

16. The main challenge of the halting concept is:

- A. Slow execution
- B. Program termination
- C. Wrong output
- D. Memory usage

Correct answer: B — Program termination

17. In algorithms, repeat or repeat forever represents:

- A. Conditions
- B. Sequence
- C. Variables
- D. Loops

Correct answer: D — Loops

18. Method to reuse a function is by:

- A. Selection / Calling
- B. Renaming
- C. Dragging
- D. Deleting

Correct answer: A — Selection / Calling

19. In scratch, Capability for sprite self-duplication is:

- A. Function
- B. Cloning
- C. Block
- D. Loop

Correct answer: B — Cloning

20. A loop within another loop is:

- A. Simple loop
- B. Nested Loop
- C. Advance Loop
- D. Complex Loop

Correct answer: B — Nested Loop

21. Scratch is a programming language that is perfect for creating:

- A. Mobile Applications
- B. Games
- C. Websites
- D. Database

Correct answer: B — Games

22. In scratch, label indicates a looping construct is:

- A. forever
- B. if
- C. wait
- D. break

Correct answer: A — forever

23. In scratch, variables are represented by:

- A. Oval shape
- B. Rectangle with notch
- C. Diamond shape
- D. Pentagon shape

Correct answer: A — Oval shape

24. Copyright duration for a novel is:

- A. Five Years
- B. Ten Years
- C. Fifteen years
- D. Lifetime

Correct answer: D — Lifetime

25. In broad term the Internet is an example of:

- A. Global Network
- B. Virtual Network
- C. Local Network
- D. Private Network

Correct answer: A — Global Network

26. Bad ethics in a digital environment is:

- A. Transparency
- B. Honesty
- C. Information Breach
- D. Fair dealing

Correct answer: C — Information Breach

27. The websites where people can share its content is called:

- A. Social Media
- B. Digital Media
- C. Digital Environment
- D. Social Engineering

Correct answer: A — Social Media

28. Keyloggers is an example of:

- A. Antivirus
- B. Worm
- C. Adware
- D. Spyware

Correct answer: D — Spyware

29. Section holding the mission statement of the business is:

- A. Executive Summary
- B. Market Need
- C. Operation
- D. Marketing

Correct answer: A — Executive Summary

30. SEO improves ranking of websites in:

- A. Web Browsers
- B. Social Media
- C. Search Engines
- D. Electronic Media

Correct answer: C — Search Engines

31. Primary purpose of media literacy in relation to a successful business plan is:

- A. Production skills
- B. Critical thinking
- C. Creative skills
- D. Content making

Correct answer: B — Critical thinking

32. Earliest form of payment is:

- A. Debit Card
- B. Credit Card
- C. Cash (Barter)
- D. Bank Transfer

Correct answer: C — Cash (Barter)

33. In MS Excel, the intersection of a row and a column is called:

- A. Cell
- B. Range
- C. Table
- D. Sheet

Correct answer: A — Cell

34. Which function in MS Excel is used to find the lowest value in a range?

- A. MIN
- B. LOWEST
- C. SMALL
- D. LEAST

Correct answer: A — MIN

35. In Google Sheets, the feature to work simultaneously with others is called:

- A. Offline mode
- B. Real-time collaboration
- C. Versioning
- D. Encryption

Correct answer: B — Real-time collaboration

36. A step-by-step set of instructions to solve a problem is called:

- A. Algorithm
- B. Flowchart
- C. Bug
- D. Syntax

Correct answer: A — Algorithm

37. In Scratch, the area where you assemble blocks to make a script is called:

- A. Algorithm
- B. Sprite
- C. Scripts Area / Code Area
- D. Costume Area

Correct answer: C — Scripts Area / Code Area

38. Which of the following is an example of a strong password practice?

- A. Using 123456
- B. Using your name
- C. Using combination of letters, numbers and symbols
- D. Sharing password with friends

Correct answer: C — Using combination of letters, numbers and symbols

39. A digital footprint refers to:

- A. Marks left on a screen
- B. Data traces left by online activity
- C. Hardware damage
- D. Internet cable layout

Correct answer: B — Data traces left by online activity

40. In a business plan, the section describing target customers and competitors is:

- A. Executive Summary
- B. Market Analysis
- C. Financial Plan
- D. Appendix

Correct answer: B — Market Analysis
