

Question 1: Ravi wants to design a simple web page with a heading “My School.” Which HTML tag should he use?

- a) <title>
- b) <h1>
- c) <head>
- d) <p>

Question 2: In a flowchart, which symbol is used for decision making?

- a) Rectangle
- b) Circle
- c) Diamond
- d) Oval

Question 3: If a program has to repeat a set of instructions until a condition is met, which concept is applied?

- a) Variable
- b) Loop
- c) Function
- d) Array

Question 4: Which of these is an example of cyberbullying?

- a) Sending homework to a friend
- b) Posting hurtful comments online
- c) Searching on Google
- d) Creating a school project

Question 5: What is the purpose of CSS in web development?

- a) To add structure to the web page
- b) To add style and design to the web page
- c) To insert database queries
- d) To debug programs

Question 6: In SQL, which command is used to remove all records from a table but keep its structure?

- a) DELETE
- b) DROP
- c) TRUNCATE
- d) REMOVE

Question 7: Which of the following best describes artificial intelligence?

- a) A human brain
- b) A robot acting smart without programming
- c) Machines that can learn and make decisions
- d) A simple calculator

Question 8: Meena writes pseudocode for a program that asks for a number and prints whether it is even or odd.

Which operation will she use to check this?

- a) Division by 2
- b) Subtraction by 2
- c) Multiplication by 2
- d) Addition of 2

Question 9: Which programming language is often used to teach beginners because of its simplicity?

- a) Python
- b) Assembly
- c) Machine code
- d) Binary

Question 10: Rohan wants to protect his email account. Which is the safest password among these?

- a) rohan123
- b) 123456
- c) R0h@n#2025!
- d) password

Question 11: Which of these tags is used to insert an image in HTML?

- a)
- b) <image>
- c) <picture>
- d) <src>

Question 12: Which flowchart symbol represents start or end?

- a) Rectangle
- b) Oval
- c) Diamond
- d) Arrow

Question 13: A school is creating a database of students. They want each student to have a unique roll number. Which field should be used as the Primary Key?

- a) Name
- b) Class
- c) Roll Number
- d) Section

Question 14: Which SQL command is used to extract data from a table?

- a) SELECT
- b) UPDATE
- c) INSERT
- d) CREATE

Question 15: What is the full form of HTML?

- a) High Text Machine Language
- b) Hyperlink Text Markup Language
- c) Hyper Text Markup Language
- d) Home Tool Markup Language

Question 16: Which of these is an AI-powered tool?

- a) Calculator
- b) Google Translate
- c) MS Paint
- d) Notepad

Question 17: Which is the correct order of steps in solving a problem with an algorithm?

- a) Write → Plan → Test → Design
- b) Plan → Design → Write → Test
- c) Test → Write → Plan → Design
- d) Design → Test → Plan → Write

Question 18: A student clicked a link in an email and suddenly lost access to her computer. What type of attack is this?

- a) Virus
- b) Phishing
- c) Ransomware
- d) Spam

Question 19: Which of these is not a programming language?

- a) Java
- b) Python
- c) SQL
- d) Google

Question 20: In a flowchart, the rectangle represents:

- a) Input/Output
- b) Decision
- c) Process
- d) Storage

Question 21: CSS property used to change the text colour is:

- a) background-colour
- b) text-style
- c) colour
- d) font-colour

Question 22: Which SQL keyword is used to change data in a table?

- a) ALTER
- b) UPDATE
- c) CHANGE
- d) MODIFY

Question 23: AI in self-driving cars helps the car to:

- a) Play music
- b) Identify road signs and obstacles
- c) Change fuel type
- d) Repair itself

Question 24: A company stores employee salaries in a table. They want to increase salary by 10%. Which SQL command should be used?

- a) DELETE
- b) SELECT
- c) UPDATE
- d) ALTER

Question 25: Which HTML tag is used to create a hyperlink?

- a) <a>
- b) <link>
- c) <href>
- d) <url>

Question 26: What is the correct pseudocode for finding the larger of two numbers X and Y?

- a) IF X = Y THEN PRINT X
- b) IF X > Y THEN PRINT X ELSE PRINT Y
- c) PRINT X + Y
- d) PRINT X – Y

Question 27: Which of the following is the most secure two-factor authentication?

- a) Password + Date of Birth
- b) Password + OTP on mobile
- c) Password + Username
- d) Password + Pet's name

Question 28: Which CSS property is used to increase text size?

- a) size
- b) text-size
- c) font-size
- d) increase

Question 29: Which database query will count total students in a table named STUDENTS?

- a) SELECT COUNT(*) FROM STUDENTS;
- b) COUNT ALL STUDENTS;
- c) TOTAL STUDENTS;
- d) SUM STUDENTS;

Question 30: A school website has <h1> tags for headings but no <p> tags for content. What will be the problem?

- a) No title will display
- b) No paragraph text will appear properly
- c) Website won't load
- d) CSS will stop working

Question 31: Which programming concept allows code reuse and avoids repetition?

- a) Variables
- b) Loops
- c) Functions
- d) Arrays

Question 32: Which is not an AI application?

- a) Google Maps
- b) Face recognition
- c) Digital assistant
- d) A regular wall clock

Question 33: Which HTML tag is used for inserting a line break?

- a)

- b) <lb>
- c) <break>
- d) <newline>

Question 34: SQL is mainly used for:

- a) Operating system
- b) Database management
- c) Image editing
- d) Web design

Question 35: A student creates a flowchart but forgets to add an end symbol. What will happen?

- a) The program will run faster
- b) The flowchart will be incomplete
- c) The output will be more
- d) The program won't have variables

Question 36: Which of the following is an open-source programming language?

- a) Python
- b) MS Word
- c) Photoshop
- d) Excel

Question 37: Which CSS property controls background colour of a webpage?

- a) bgcolour
- b) background-colour
- c) colour-background
- d) page-colour

Question 38: What is the purpose of a firewall in cyber security?

- a) To burn viruses
- b) To block unauthorized access
- c) To delete files
- d) To format computer

Question 39: Which of these is a correct SQL statement?

- a) SELECT * FROM Students;
- b) GET ALL Students;
- c) SHOW Students;
- d) LIST Students;

Question 40: A bank uses AI chatbots to answer customer questions instantly. What is the main benefit?

- a) Saves time and provides 24/7 support
- b) Replaces banking completely
- c) Provides free loans
- d) Stops hackers

Question 41: Which loop is used when the number of repetitions is already known?

- a) While loop
- b) Do-while loop
- c) For loop
- d) If loop

Question 42: Priya is designing a web page. She wants a paragraph in italics. Which tag should she use?

- a) <p>
- b) <i>
- c) <italic>
- d) <style>

Question 43: Which of these best describes encryption?

- a) Hiding data in images
- b) Converting data into a secret code
- c) Deleting unnecessary files
- d) Copying information

Question 44: Which SQL command is used to add new data to a table?

- a) UPDATE
- b) ADD
- c) INSERT
- d) PUSH

Question 45: Which programming language runs directly in web browsers for interactivity?

- a) Java
- b) Python
- c) JavaScript
- d) C++

Question 46: A student writes an algorithm to calculate the sum of the first 10 natural numbers. Which step must be included?

- a) Store numbers in database
- b) Use a loop to add numbers
- c) Draw a diamond symbol
- d) Add 10 with 20

Question 47: Which HTML tag is used to create a numbered list?

- a)
- b)
- c)
- d) <list>

Question 48: Which of these is the most effective way to prevent phishing?

- a) Use antivirus only
- b) Never open unknown email links
- c) Share password with friends
- d) Turn off Wi-Fi

Question 49: In databases, which of these is an example of foreign key?

- a) Primary roll number in student table
- b) Roll number linked to marks table
- c) Name of student in a single table
- d) Age of student

Question 50: Which AI application helps doctors detect diseases faster?

- a) Gaming AI
- b) Virtual assistants
- c) Medical imaging AI
- d) Language translation

Question 51: A teacher uses pseudocode:

START

READ Marks

**IF Marks > = 50 THEN PRINT "Pass" ELSE PRINT
"Fail"**

END

What concept is being applied?

- a) Looping
- b) Decision making
- c) Function
- d) Array

Question 52: Which CSS property is used to underline text?

- a) text-decoration
- b) underline
- c) decoration-line
- d) font-underline

Question 53: What is the role of DBMS (Database Management System)?

- a) To manage and organize data efficiently
- b) To design web pages
- c) To create animations
- d) To edit images

Question 54: Which SQL command is used to remove a table completely?

- a) DELETE
- b) DROP
- c) TRUNCATE
- d) CLEAR

Question 55: A student is designing a web page but forgets to close the <html> tag. What problem may occur?

- a) Page won't load properly
- b) Computer will shut down
- c) SQL won't work
- d) Internet will disconnect

Question 56: Which type of AI is used in Siri or Alexa?

- a) Narrow AI
- b) General AI
- c) Super AI
- d) Human AI

Question 57: Which of the following flowchart symbols represents input/output?

- a) Parallelogram
- b) Rectangle
- c) Diamond
- d) Oval

Question 58: In SQL, which clause is used to filter rows?

- a) WHERE
- b) FILTER
- c) HAVING
- d) ORDER

Question 59: A school creates a website but stores all students' data in plain text without passwords. What is the risk?

- a) Data can be hacked easily
- b) Faster processing
- c) More stylish web design
- d) Safe backup system

Question 60: Which HTML tag creates a table row?

- a) <tr>
- b) <td>
- c) <row>
- d) <table>

(NOT TO BE EVALUATED)

[illegible]

ROUGH WORK

(NOT TO BE EVALUATED)

DATE

[illegible]