# **Viva Questions for class 8, 9 and 10**

Green Society Public School

1. What is a computer?
2. Define hardware and software.
3. What is an input device? Give examples.
4. What is an output device? Give examples.
5. What is a computer program?
6. What is the difference between RAM and ROM?
7. What is an operating system? Give examples.
8. What is the Internet?
9. What is a web browser? Give examples.
10. What is HTML?
11. What is the use of the <head> tag in HTML?
12. Explain the <p> tag in HTML.
13. What is the purpose of the <img> tag in HTML?
14. What is the function of the <a> tag in HTML?
15. What is a hyperlink?
16. What is the use of the <table> tag in HTML?
17. Explain the concept of attributes in HTML.
18. How can you create a list in HTML?
19. What is the purpose of the <form> tag in HTML?
20. Explain the concept of nesting in HTML tags.
21. Explain the concept of a database.
22. What is a programming language? Give examples.
23. What is an algorithm?
24. Explain the concept of a variable in programming.
25. What is conditional programming?
26. What is a loop in programming?
27. What is a function in programming?
28. What is HTML5?
29. What is the purpose of the <span> tag in HTML?
30. Explain the use of the <input> tag in HTML.
31. What is the purpose of the <select> tag in HTML?
32. What is communication? Explain its importance in the digital age.
33. Define telecommunication. How does it differ from traditional communication methods?
34. What are computer networks? Explain the concept of a local area network (LAN) and a wide area network (WAN).
35. What is MS Access? Describe its use in managing databases.
36. Define a database. Explain the difference between a database and a spreadsheet.
37. What is AI (Artificial Intelligence)? Provide examples of AI applications in everyday life.
38. Explain the concept of virtual reality (VR). How is VR used in various fields?
39. What is social media? Discuss its impact on society and communication.
40. Define hacking. What are the different types of hackers?
41. How does e-commerce work? Explain the benefits and challenges of e-commerce.
42. What is cybersecurity? Why is it important in today's digital world?
43. Describe the process of data encryption. Why is it important for cybersecurity?
44. Explain the concept of phishing. How can individuals protect themselves from phishing attacks?
45. What are the ethical considerations in AI development and usage?
46. Discuss the potential benefits and risks of AI in healthcare.
47. How does VR technology enhance learning experiences?
48. Describe the role of social media in modern marketing strategies.
49. What are the security measures that e-commerce websites should implement to protect customer data?
50. Discuss the impact of cybercrime on businesses and individuals.
51. How can individuals and organizations protect themselves from cyber threats?
52. What is a computer? Describe its primary functions.
53. Explain the different types of computers based on size and functionality.
54. What is the difference between analog and digital computers?
55. Define a desktop computer. How does it differ from a laptop?
56. Explain the concept of a server in computing.
57. What is a supercomputer? Provide examples of its use.
58. Write a simple BASIC program to display "Hello, World!" on the screen.
59. Explain the purpose of the INPUT statement in BASIC programming.
60. What is the difference between a compiler and an interpreter in programming languages?
61. Define computer hardware. Provide examples of hardware components.
62. Explain the role of the CPU in a computer system.
63. What is computer software? Differentiate between system software and application software.
64. Describe the purpose of an operating system. Provide examples of popular operating systems.
65. What is the function of a device driver in a computer system?
66. Explain the concept of utility software. Provide examples of utility programs.
67. Define RAM (Random Access Memory) and its role in a computer system.
68. What is ROM (Read-Only Memory)? How is it different from RAM?
69. Describe the function of a hard disk drive (HDD) in a computer.
70. Explain the purpose of a graphics card in a computer system.
71. Define a printer. Discuss the different types of printers commonly used with computers.
72. Write a HTML code for the following:

Create h1 to h3

Create anchor tag

Create image tag

Create table tag

Create center tag

Create bold, italic, and underline

Create super and sub scripted tag

1. WAP in sub and function for the following.

Area of circle

Volume of cylinder

Circumference of circle

Simple interest

Reverse a number

Check palindrome

1. WAP in C for the following:

Display your name

Print: 1, 2, 3, 4, 5 … 10th

2, 4, 6, 8, 10, … 10th

1, 3, 5, 7, 9, ….. 10th

5, 10, 15, 20, … 10th

1. Find average of three number
2. Find greatest among two number
3. Simple qbasic programs:

WAP to find a number is positive or negative.

WAP to find a number is even or odd.

WAP to find you’re eligible to vote or not. **[Age>18]**

WAP to find if a number is divisible by 5 or not.

WAP to display volume of sphere. **[V=(4/3)\*3.14\*R^3]**

WAP to check whether a student is passed or failed. **[Marks>=40]**