

EXPECTED QUESTIONS**11th Public Exam March 2019 Expected Questions****Computer Science**

1. Basic components of a computer with a neat diagram.
2. Various generations of computers.
3. Input devices and output devices
4. Fundamental gates, derived gates of expression, symbols, truth table
5. Conversion Problems (i) binary (ii) octal (iii) Hexadecimal
6. Theorems at boolean algebra.
7. Characteristics of a microprocessor.
8. Types of ROM.
9. Advantages and disadvantages of open source operating systems.
10. Various versions of Windows Operating System.
11. Important functions of an operating system?
12. Significant features of Ubuntu OS.
13. Types of control flow statements.
14. Algorithm Design Techniques.
15. Circulate the contents: Write the specification and construct an algorithm to circulate the contents of the variables A, B and C as shown below: The arrows indicate that B gets the value of A, C gets the value of B and A gets the value of C.
16. Types of Errors.
17. Control statement with suitable example.
18. What is entry control loop? Explain any one of the entry control loop with suitable example.
19. Explain switch-case with an example.
20. Explain for loop with an example.
21. Explain Call by value method, Call by Reference with suitable example.
22. Explain scope of variable with example..
23. Write a C++ program to perform addition and subtraction of two matrices.
24. Write the differences between Object Oriented Programming and procedural programming
25. Advantages of OOPs?
26. Important features of object oriented programming.
27. Differences between constructor and destructor

EXPECTED QUESTIONS

28. Different methods of creating an object in C++
29. Rules for operator overloading?
- 30.Types of inheritance.
- 31.Explain the different visibility mode through pictorial representation.
- 32.What are the various crimes happening using computer?
33. Different types of cyber attacks.
- 34.Types of encryption.
- 35.Digital signature

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