

**11<sup>th</sup> Subject Comp Sc Model Paper Session 2018****Theory: 70 Practical: 30 (External : 20 Internal: 10)****Marks distrib****bus:****Unit-I 06 marks****Unit-II 29 marks****Unit-III 06 marks****Unit-IV 06 marks****Unit-V 23 marks****Section A: long answer type questions (5 marks each)**

Total no of questions to be asked 4 each carrying 5 with internal choice for each question from same unit

Q1: Question to be asked from unit-II  
or  
Question to be asked from unit -II

Q2: Question to be asked from unit-II  
or  
Question to be asked from unit -II

Q3: Question to be asked from unit-V  
or  
Question to be asked from unit -V

Q4: Question to be asked from unit-V  
or  
Question to be asked from unit -V

**4 Questions X 5 marks each= 20 marks for Section A**

**Section B: Short answer type questions (3 marks each)**

Total No questions to be asked **8 each carrying 3 marks**. All are compulsory

Q5: Iquestion from unit -I  
Q6: Iquestion from unit-II  
Q7: Iquestion from unit -II  
Q8: Iquestion from unit-II  
Q9: Iquestion from unit -III  
Q10. Iquestion from unit-IV  
Q11: Iquestion from unit-V  
Q12: Iquestion from unit-V

**8 Questions X 3 marks each= 24 marks for Section B**

**Section C: Very Short answer type questions. Total 8 questions each carrying 2 marks.**

- Q13: from unit -I
- Q14: from unit-II
- Q15: from unit -II
- Q16: from unit-II
- Q17: from unit -III
- Q18: from unit-IV
- Q19: from unit-V
- Q20: from unit-V

*8 Questions X 2 marks each= 16 marks for Section C*

**Section D: Objective/Multiple type questions (1 marks each) total no of questions to be asked 10**

- Q21: from unit -I
- Q22: from unit-II
- Q23: from unit -II
- Q24: from unit-II
- Q25: from unit -II
- Q26: from unit -III
- Q27: from unit-IV
- Q28: from unit -V
- Q29: from unit-V
- Q30: from unit -V

*10 Questions X 01 marks each= 10 marks for Section D*

Total marks mandatory to attempt:

Section A= 20  
Section B= 24  
Section C= 16  
Section D= 10  
TOTAL Marks= 70

**Long Answer Type Questions**

**5 each**

Q1. Define Software? Describe System Software in detail?

Or

Describe Evolution of Computers?

Q2. Define Operating System? Explain briefly its uses.

Or

Explain various types of Computer memory?

Q3. What are the benefits of good programming practice?

Or

Define Error? What are different types of errors encountered in programming?

Q4. Write a C++ program to find even or odd no?

Or

Define the following terms with help of an example

1. Function.
2. One dimensional array.

**Short Answer Type**

**3 Each**

Q5. Briefly explain the various components of a computer system?

Q6. Convert binary 110011.01 into decimal?

Q7. Convert octal 236 into binary?

Q8. Briefly explain different types of errors in computer programs.

Q9. Explain various loops?

Q10. Describe Relational Operators in C++?

Q11. What do you mean by local and global variables?

Q12. Write a C++ program to calculate area of a circle?

**Very Short answer Type**

**2 Each**

Q13. Define Application Software?

Q14. Define cache memory?

Q15. What do you mean by Infinite loop?

Q16. Define an Algorithm?

Q17. Discuss Relational operators?

Q18. Define strcat(), strlen() and strcpy() functions?

Q19. What is a two dimensional array?

Q20. Define Structure in C++?

**Objective Type Questions**

**1 Each**

**State True/False**

Q21. Token is smallest unit in C++ (T/F).

Q22. Syntax Errors are fatal errors (T/F)

Q23. Pen Drive is an example of Secondary Memory (T/F)

Q24 . Array elements are stored in contiguous memory locations (T/F).

**Fill in the Blanks**

Q25. Analytical Engine was invented by \_\_\_\_\_

Q26. \_\_\_\_\_ is made up of 4 bits.

Q27. \_\_\_\_\_ is the most popular loop.

Q28. Structure Elements are accessed by \_\_\_\_\_ Operator

**Multiple Choice Type Questions**

Q29. USB means.

- a. Universal Serial Bus.
- b. Uniform Serial Bus.
- c. Unilever Serial Bus.
- d. None of the above.

Q30. C++ is

- a. Assembly level language
- b. Low Level Language .
- c. High Level language.
- d. None of these.

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