



# Padalsalai's Telegram Groups!

( தலைப்பிற்கு கீழே உள்ள லிங்கை கிளிக் செய்து குழுவில் இணையவும்! )

- Padalsalai's NEWS - Group  
[https://t.me/joinchat/NIfCqVRBNj9hhV4wu6\\_NqA](https://t.me/joinchat/NIfCqVRBNj9hhV4wu6_NqA)
- Padalsalai's Channel - Group  
<https://t.me/padasalaichannel>
- Lesson Plan - Group  
<https://t.me/joinchat/NIfCqVWwo5iL-21gpzrXLw>
- 12th Standard - Group  
[https://t.me/Padalsalai\\_12th](https://t.me/Padalsalai_12th)
- 11th Standard - Group  
[https://t.me/Padalsalai\\_11th](https://t.me/Padalsalai_11th)
- 10th Standard - Group  
[https://t.me/Padalsalai\\_10th](https://t.me/Padalsalai_10th)
- 9th Standard - Group  
[https://t.me/Padalsalai\\_9th](https://t.me/Padalsalai_9th)
- 6th to 8th Standard - Group  
[https://t.me/Padalsalai\\_6to8](https://t.me/Padalsalai_6to8)
- 1st to 5th Standard - Group  
[https://t.me/Padalsalai\\_1to5](https://t.me/Padalsalai_1to5)
- TET - Group  
[https://t.me/Padalsalai\\_TET](https://t.me/Padalsalai_TET)
- PGTRB - Group  
[https://t.me/Padalsalai\\_PGTRB](https://t.me/Padalsalai_PGTRB)
- TNPSC - Group  
[https://t.me/Padalsalai\\_TNPSC](https://t.me/Padalsalai_TNPSC)

## St.Antony's Mat.Hr.Sec.School,Vedaraniam-614810.

---

### 5 Marks

1. Generations of computer-1
2. Components of a computer-5
3. Explain input device-6
4. Explain out device-10
5. Differentiate impact and non impact printer-11
6. Fundamental gate-42
7. How AND and OR can be realized using NAND and Nor gate –ref notes
8. Explain derived gate-44
9. All sum ref-book
- 10.Characteristics of microprocessor-52
- 11.Type of memory device-56
- 12.Secondary storage device-58
- 13.Ports and interface-59
- 14.Type of operating system-65
- 15.Various algorithmy processor management-68
- 16.Advantage and disadvantage of open source –operating system ref-notes-79
- 17.Various versions of windows-79
- 18.Explain type of windows-83
- 19.Draw and compare the icon equivalence in windows and ubuntu -115

### UNIT – II

Ref book back question

### UNIT –III

- 1.Explain ctt operator any five-7
- 2.Type of error -24
- 3.a=15 ,b=20 what will be the result following operator -11  
A] a & b      b] alb      c] a^b      d] a>>3      e] (~b)
- 4.If statement-62
5. If –else statement-64
- 6.switch statement -71
- 7.For loop-77
- 8.While loop-84
- 9.do-while loop- 87

## **St.Antony's Mat.Hr.Sec.School,Vedaraniam-614810.**

---

- 10.Explain character function -102
- 11.Explain string manipulation -106
- 12.Explain mathematical function – 110
- 13.Call by value method-117
- 14.Call by reference method -118
- 15.Inline function -118
- 16.Different forms of user- define function-120
- 17.Scope rules of variable-127
- 18.Explain type of array-135

### **UNIT –IV**

- 19.Important feature of procedure program -180
- 20.Important feature of modular program-181
- 21.Advantage of oop-182
- 22.Characteristic of construction-224
- 23.Characteristic of destruction -226
- 24.Function overloading -241
- 25.Explain operator overloading-250
- 26.Restrictions on operator overloading -217
- 27.Type of inheritance-264

### **UNIT-V**

- 1.Computer circuit

### **2 Marks & 3 Mark**

### **VOL – 2**

- 1.Tokens-2
- 2.Key word -3
- 3.Identifiers or variable rule define-3
- 4.Escape sequence -6
- 5.String literals-7
- 6.Assignment operator -13
- 7.Conditional operator -13
- 8.Punctuators – 15
- 9.Types of error -24
- 10.Data types table -30
- 11.Declaration of variable -40

**St.Antony's Mat.Hr.Sec.School,Vedaraniam-614810.**

---

- 12.Dynamic initialization-43]
- 13.Reference -45
- 14.Formatting output [only define]- 46 to 49
- 15.Type promotion -52
- 16.Control statement – 61
- 17.Sequence statement -61
- 18.Iteration statement-61
- 19.Nested if syntax-67
- 20.If-else –if ladder-70
- 21.Alternative to if –else-71
- 22.Switch is if else -75
- 23.Nested switch syntax-76
- 24.Nesting of loops syntax-91
- 25.Go to statement -92
- 26.Break statement-94
- 27.Continue statement -95
- 28.Types of function -102
- 29.Function definition syntax-114
- 30.Use of void command-115
- 31.Return statement -125
- 32.Recursive function-127
- 33.Type of array-137
- 34.Define array – 137
- 35.One-dimensional array -138
- 36.String- 149
- 37.Declaration of 2d array – 154
- 38.Memory representation of 2d array-158
- 39.Array of string-159
- 40.Traversal -144
- 41.Structure -165
- 42.Nested structure -170
- 43.Array of structure -172
- 44.Differentiate array and structure –per notes
- 45.Important feature of procedure programming-194
46. Important feature of modular programming-195

**St.Antony's Mat.Hr.Sec.School,Vedaraniam-614810.**

---

- 47.Class -195
- 48.Object-195
- 49.Encapsulation -196
- 50.Data abstraction-196
- 51.Modulating-196
- 52.Inheritance-196
- 53.Polymorphism -196
- 54.Advantage of oop -196
- 55.Disadvantage of oop-197
- 56.Class definition generator form -200
- 57.Data hiding-201
- 58.Out side the class definition syntax-203
- 59.Create object [two type] -204
- 60.Memory allocation objects -206
- 61.Referencing of class member -& syntax -207
- 62.Array of object-209
- 63.Nesting of member function -212
- 64.Nested class-219
- 65.constructor -222
- 66.Default constructor-226
- 67.Implicit call & explicit call-232
- 68.Calling copy constructor -234
- 69.Destructor -238
- 70.Polymorphism -256
- 71.Advantage of inheritance -280
- 72.Derived class & base class syntax -281
- 73.Visibility / shadowing mode-296
- 74.Overriding /shadowing base class function in derived class -310
- 75.This pointer-312
- 76.Ethics -328
- 77.Computer ethics-328
- 78.Cyber crime table -329,330
- 79.Hacking -331
- 80.Cracking-332
- 81.Type of cyber attack -333

## **St.Antony's Mat.Hr.Sec.School,Vedaraniam-614810.**

---

- 82.Phishing -333
- 83.Pharming-334
- 84.Cookies-334
- 85.Fire wall-335
- 86.Encryption – and decryption -336
- 87.Type of encryption -337
- 88.Digital signature-338
- 89.E-Governance-345
- 90.E-Libray -346
- 91.Unicode -349
- 92.Tscil- 349
- 93.Tamil-virtual academy –
- 94.refer to glossary -352-353

Vol -`1 (2 Mark& 3Mark)

- 1.Data , information -4
- 2.Cold,warm booting-13
- 3.What is computer -17
- 4.Number system conversion all question step
- 5.All convention sum- ref book
- 6.Unicode -32
- 7.All gate define , logic symbol , Truth table ref book
- 8.Bus-54
- 9.Risc & Clsc-55
- 10.Cache memory -57
- 11.HDMI-60
- 12.Type of software & explain -64
- 13.Use of operating system -65
- 14.Type of operating system -65
- 15.Use interface-66
- 16.Multi process -69
- 17.Time sharing -69
- 18.Linus distribution type-72
- 19.Android -74
- 20.los – 74

## **St.Antony's Mat.Hr.Sec.School,Vedaraniam-614810.**

---

21.Popular operating system -79

22.Mouse action -81

23.Desktop-82

24.Define window -83

Ref notes

Operating system

25. GUI

26.Advantage of open source

27.differentiate internet and internet

Windows & Linex

28.use of cortana

29.different between ubuntu os Windows

30. Thunderbird

31. Recycle bin

32.desktop

33.most popular operating system

34.define OS

Chapter 6 to 8 ( To read book back question)



# www.Padasalai.Net

12<sup>th</sup> English Medium & Tamil Medium – Easy Links!



[12<sup>th</sup> Public Exam - Q&A](#)

Just Touch & Go!



[12<sup>th</sup> Half Yearly - Q&A](#)



[12<sup>th</sup> Quarterly - Q&A](#)





# www.Padasalai.Net

12<sup>th</sup> English Medium & Tamil Medium – Easy Links!



[12<sup>th</sup> PTA Book - Q&A](#)



[12<sup>th</sup> Study Materials – EM](#)



[12<sup>th</sup> Study Materials - TM](#)



# www.Padasalai.Net

12<sup>th</sup> English Medium & Tamil Medium – Easy Links!



[12<sup>th</sup> Official Model - Q&A](#)



[12<sup>th</sup> Centum Special - Q&A](#)



[12<sup>th</sup> Creative - Q&A](#)



# www.Padasalai.Net

12<sup>th</sup> English Medium & Tamil Medium – Easy Links!



[12<sup>th</sup> – 3<sup>rd</sup> Revision - Q&A](#)



[12<sup>th</sup> – 2<sup>nd</sup> Revision - Q&A](#)



[12<sup>th</sup> – 1<sup>st</sup> Revision - Q&A](#)



# www.Padasalai.Net

12<sup>th</sup> English Medium & Tamil Medium – Easy Links!



[12<sup>th</sup> – 3<sup>rd</sup> Mid Term - Q&A](#)



[12<sup>th</sup> – 2<sup>nd</sup> Mid Term - Q&A](#)

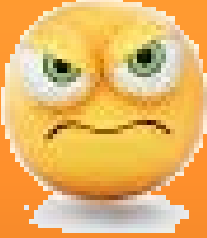


[12<sup>th</sup> – 1<sup>st</sup> Mid Term - Q&A](#)



# www.Padasalai.Net

12<sup>th</sup> English Medium & Tamil Medium – Easy Links!



[12<sup>th</sup> – Monthly Test - Q&A](#)



[12<sup>th</sup> Free Online Test \(EM\)](#)

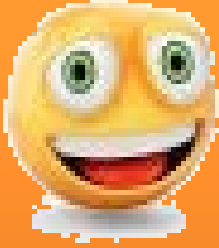


[12<sup>th</sup> Free Online Test \(TM\)](#)



# www.Padasalai.Net

12<sup>th</sup> English Medium & Tamil Medium – Easy Links!



[12<sup>th</sup> – Toppers Answers Sheet](#)



[12<sup>th</sup> – Exam Time Tables](#)



[12<sup>th</sup> Join Telegram Group](#)