



SRI RAMAJAYAM GLOBAL SENIOR SECONDARY CBSE SCHOOL

UNIT TEST- 4 (07.08.2020)

STD: XI

TIME: 30 Minutes

SUBJECT: COMPUTER SCIENCE

TOTAL MARKS: 25

Section – A (One Marks)

I. Answer the following questions

5X1=5

- Which of these translators requires more memory to:
(a) Translate the code (b) execute the code (c) Source code (d) Object code
- Which tool below combines (static) library routines and incomplete object codes into an executable machine language program?
(a) Assembler (b) Compiler (c) Interpreter (d) Linker
- What class of errors are detected during analysis and synthesis compiler?
(a) Syntax errors (b) Semantic errors (c) Program errors (d) Runtime errors
- Abbrivation of PCB_____
(a) Process Control Bank (b) Process Control Block
(c) Process Control Border (d) Process Control Bond
- Why is a program converted to binary form before it can be executed?

Section – B (Two Marks)

II. Answer the following questions

5x2=10

- How is a process different from a program?
- What is cloud computing? Give example.
- What is threading?
- What is fetch-execute cycle?
- How is parallel computing different from serial computing?

Section – C (Three Marks)

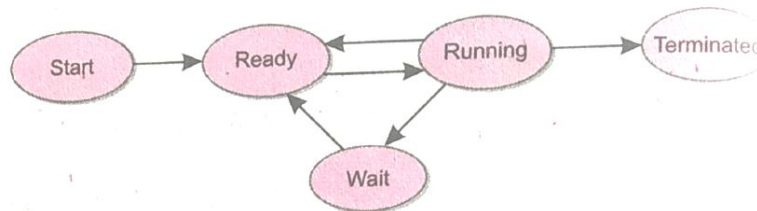
III. Answer the following questions

2x3=6

- 11. What are the advantages of parrallel computing?
- 12. Write a difference between Compiler and Interpreter?

(OR)

Explain given process state diagram.



Section – D (Four Marks)

IV. Answer the following questions

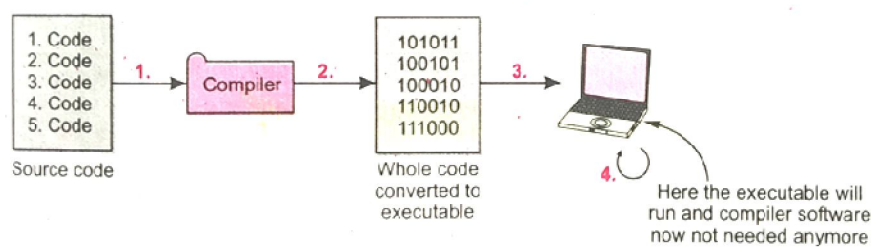
1x4=4

13. Explain:

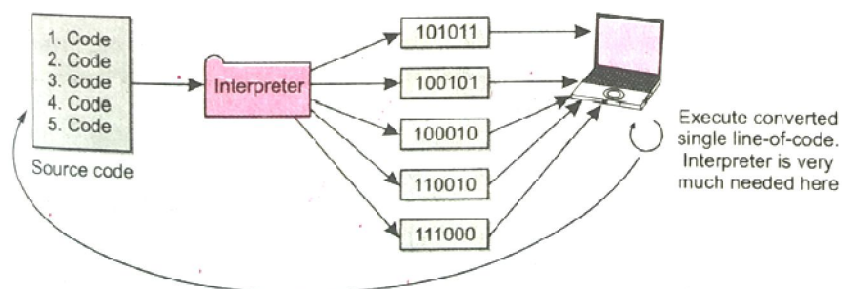
- a) Linker
- b) Loader
- c) Source Code
- d) Object Code

(OR)

Explain given Compiler and Interpreter diagram.



(a) Working of a compiler



(b) Working of an interpreter

All the Best

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