

Assignment

Course Title: Programming Languages Total Marks: 30

Course No: BCSE-517

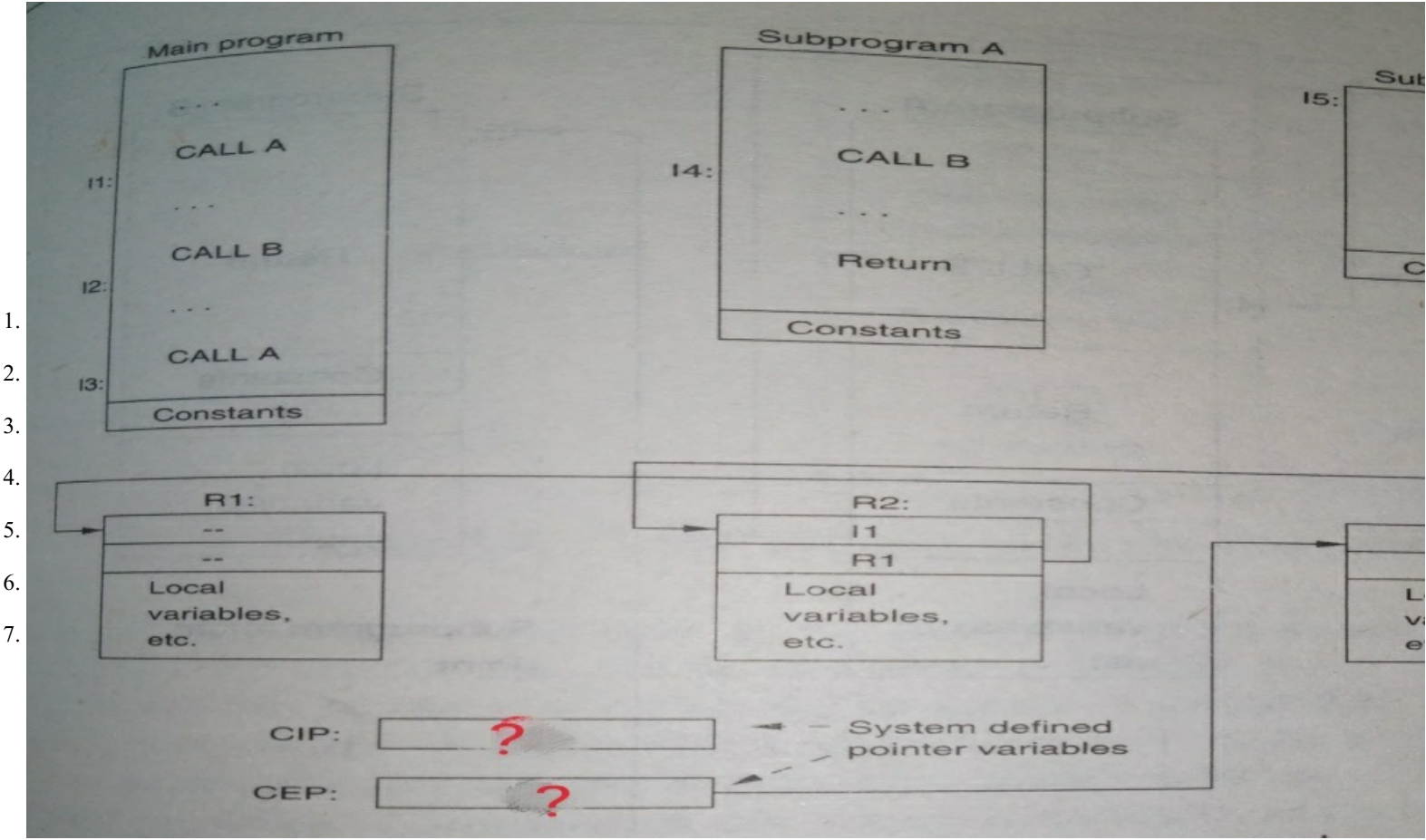
Branch: CSE Semester : 7th Section: A,B,C

Section –A(Each Question Carry 1 marks]

1. What are variant records?
2. What is referencing environment?
3. What is purpose CIP and CEP?
4. What is coercion?
5. Write any two features of logical programming languages.
6. What are different phases of storage management?

Section –B(Each Question Carry 2 marks]

How implicit type casting is different from explicit type casting? Describe by taking a suitable example



What is value of CIP and CEP in the above figure?

Section –C[Each Question Carry 4 marks]

What is sequence control? What are its different types? Describe expression control with the help of an example.

What is heap storage management? Describe fixed size and variable size heap storage management.

Section –D(Each Question Carry 6 marks]

What is Activation record? Describe the structure of Activation Record. With the help of a suitable example and diagram explain how activation records are created.

Differentiate among the following storage management schemes in programming languages:-

1. System and Programmer controlled storage management
2. Static storage and Stack based storage management