

Q1. Which of the following is NOT possible to realize if activation record is static

- (A) Passing parameters
- (B) Creating local variables
- (C) Supporting recursion
- (D) None of the other options

Ans: C

Q2. In the activation record, local variables can be accessed from frame pointer with offset value

- (A) Positive
- (B) Negative
- (C) May be positive or negative
- (D) Cannot be accessed

Ans: B

Q3. Frame pointer points to the

- (A) Current activation record
- (B) Parent activation record
- (C) Child activation record
- (D) None of the other options

Ans: A

Q4. Control link points to the

- (A) Current activation record
- (B) Parent activation record
- (C) Child activation record
- (D) None of the other options

Ans: B

Q5. Access link points to the

- (A) Current activation record
- (B) Parent activation record
- (C) Child activation record
- (D) None of the other options

Ans: D

Q6. "Display" helps to locate easily

- (A) Local variables
- (B) Global variables
- (C) Non-local variables
- (D) All of the other options

Ans: C

Q7. Intermediate code generation for a compiler is

- (A) Must
- (B) Optional
- (C) Depends on language
- (D) None of the other options

Ans: B

- Q8. If pointer is supported in the high-level language,
- (A) Must also be supported in the intermediate language
  - (B) May not be supported in the intermediate language
  - (C) Depends on language
  - (D) None of the other options

Ans: A

- Q9. An intermediate language should be
- (A) Close to target machine
  - (B) Machine independent
  - (C) All operators of high-level language supported
  - (D) All of the other options

Ans: D

- Q10. P-code is used for
- (A) Stack-based machine
  - (B) Accumulator based machine
  - (C) Two operand addresses
  - (D) None of the other options

Ans: A