

MULTIPLE CHOICE QUESTION ANSWERS

Programming C

1. Which of the following language is the predecessor to C Programming Language?

- a. A
- b. B
- c. BCPL
- d. C++

2. Who is the father of C Language?

- a. Steve Jobs
- b. James Gosling
- c. Dennis Ritchie
- d. Rusmus Lerdorf

3. Which of the following is not a valid C variable name?

- a. Int number;
- b. Float rate;
- c. Int variable\_count
- d. Int \$main;

4. All keywords in C are in \_\_\_\_\_

- a. Lower Case letters
- b. Upper Case letters
- c. Camel Case letters
- d. None of the mentioned

5. Which of the following is true for names in C?

- a. They can contain alphanumeric characters as well special characters

b. It is not an error to declare a variable to be one of the keywords ( like goto, static)

**c. Variable names cannot start with a digit**

d. Variable can be of any length

6. Which of the following cannot be a variable name C ?

**a. Volatile**

b. True

c. Friend

v. Export

7. Which is valid C expression?

a. Int my \_ num =100,000;

**b. Int my \_ num= 100000;**

c. Int my\_ num= 1000;

d. Int my\_ num= 10000;

8. What is short int in C Programming ?

a. The basis data type of C

b. Qualifier

**c. Shorts is the qualifier and int is the basic data type**

d. All of the memtioned

9. Which of the following declaration is not supported by C language ?

**a. String str;**

b. Char \*str;

c. Float str= 3e2;

d. Both "String str" and "float str=3e2

10. Which keyboard is used to prevent any changes in the variable within a C program ?

a. Immutable

b. Mutable

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c. Volatile

**d. Const**

11. What is the result of logical or relation expression in C?

a. True or False

b. 0 or 1

**c. 0 if an expression false and any positive number if an expression is true**

d. None of the mentioned

12. Which of the following type casting is accepted by C language ?

a. Widening conversions

b. Narrowing & conversions

c. Widening & Narrowing conversions

**d. None of the mentioned**

13. Which of the following is not possible with any 2 operators in C?

a. Different precedence, same associativity

b. Different precedence, different associativity

c. Same precedence, different associativity

d. All of the mentioned

14. Where in C the order of precedence of operators do not exist ?

a. Within conditional statements, if , else

b. Within while, do – while

c. Within a macro definition

**d. None of the mentioned**

15. What is the example of iteration in C?

a. For

b. While

c. Do- while

**d. All of the mentioned**

16. Functions can return enumeration constants C ?

**a. True**

b. False

c. Depends on the compiler

d. Depends on the standard

17. Functions in C language are always \_\_\_\_

a. Internal

**b. External**

c. Both internal and external

d. External and internal are not valid terms for functions

18. Which of the following is not accepted in C?

a. `Static a= 10; // static as`

b. `Static int func(int) ;// parameter as static`

**c. `Static int a; // a static variable prefixed with static`**

d. All of the mentioned

19. Property which allows to produce different executival for different platforms in C is called?

a. File inclusion

b. Selective inclusion

**c. Conditional compilation**

d. Recursive macros

20. What is # inclusive <stdio.h>?

**a. Preprocessor directive**

b. Inclusion directive

c. File inclusion directive

d. None of the mentioned

21. C preprocessors can have compiler specific features.

a. True

b. False

c. Depends on the standards

d. depends on the platform

22. Which of the following are C preprocessors?

a. #ifdef

b. #define

c. #endif

d. All of the mentioned

23. The C- preprocessor are specified with \_\_\_\_\_ symbol.

a. #

b. \$

c. ""

d. &

24. How many number of pointer (\*) dose C have against a pointer variable declaration?

a. 7

b. 127

c. 255

d. No limits

25. Which of the following is not possible statically in C language?

a. Jagged Array

b. Rectangular Array

c. Cuboidal Array

d. Multidimensional Array



27. The standards header \_\_\_\_\_ is used for variable list argument (...) in C.

- a. <stdio.h>
- b. <stdlib.h>
- c. <math.h>
- d. <stdarg.h>

28. When a C program is started, O.S environment is responsible for opening file and providing pointer for that file?

- a. Standard input
- b. Standard output
- c. Standard error
- d. All of the mentioned

29. In C language, File is of which data type?

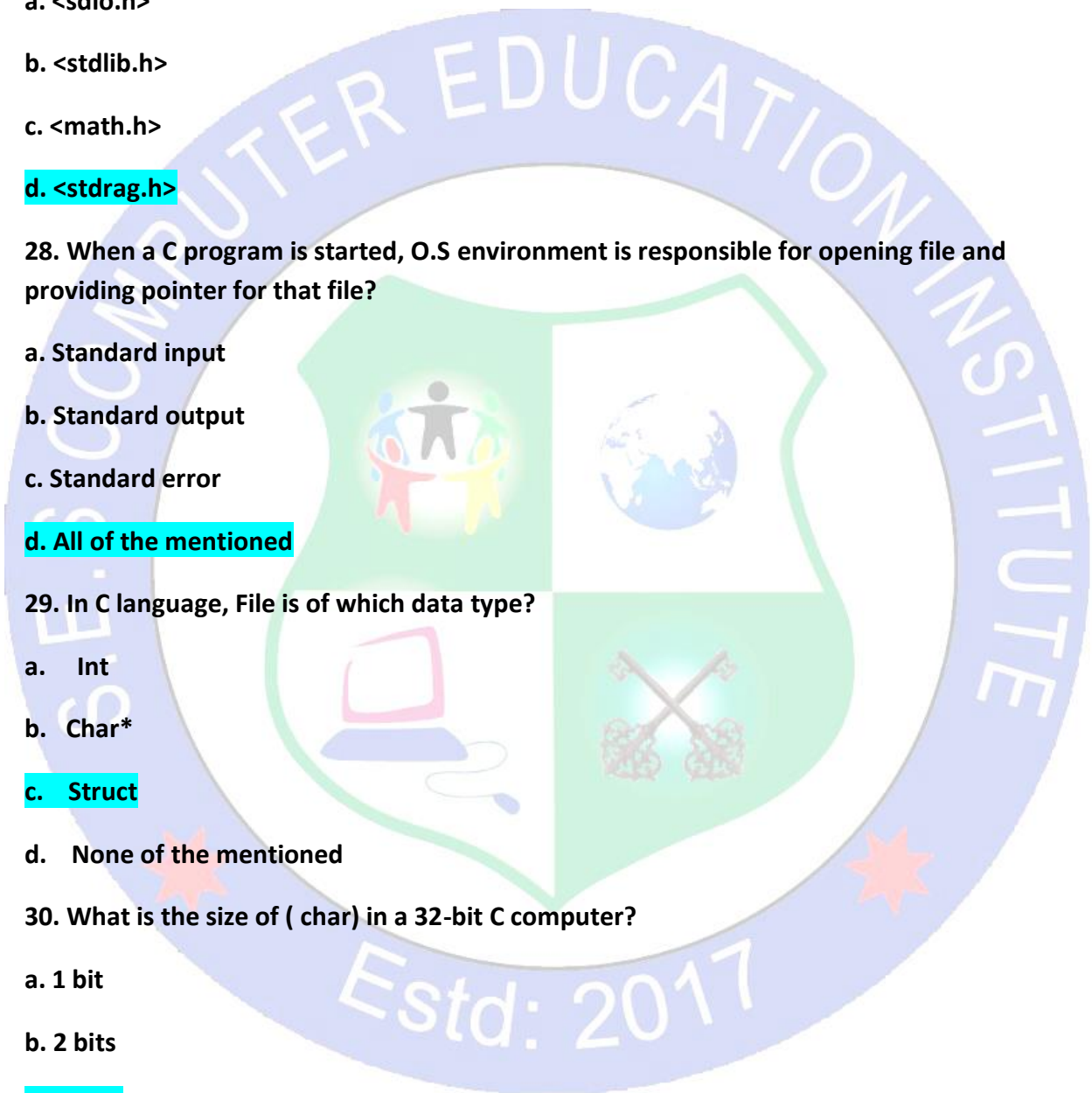
- a. Int
- b. Char\*
- c. Struct
- d. None of the mentioned

30. What is the size of ( char ) in a 32-bit C computer?

- a. 1 bit
- b. 2 bits
- c. 1 byte
- d. 2 bytes

31. Which of the following is not an operator in C?

- a. ,
- b. Size of()
- c. ~
- d. None of the mentioned



32. Sacnf() is a pre identified function in \_\_\_\_\_ header file.

- a. Stdlib.h
- b. Ctype.h
- c. Stdio.h**
- d. Stdarg.h

33. What is the meant by 'a' in the following C operation?

- a. Attach
- b. Append**
- c. Apprehend
- d. Add

34. C was developed in the year\_\_\_\_\_

- a. 1970
- b. 1972**
- c. 1763
- d. 1980

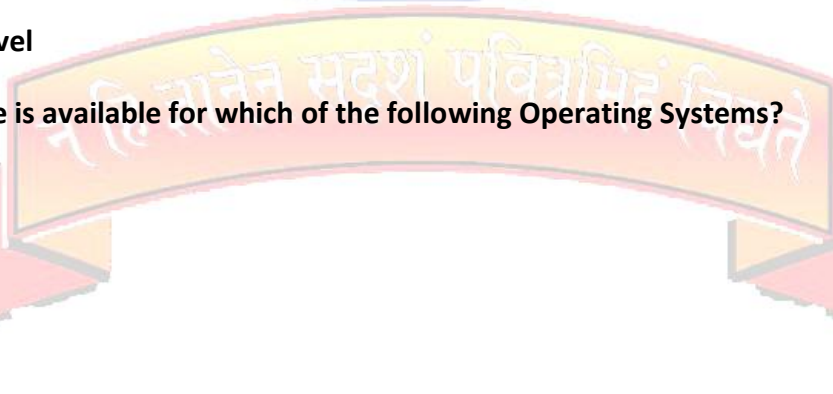
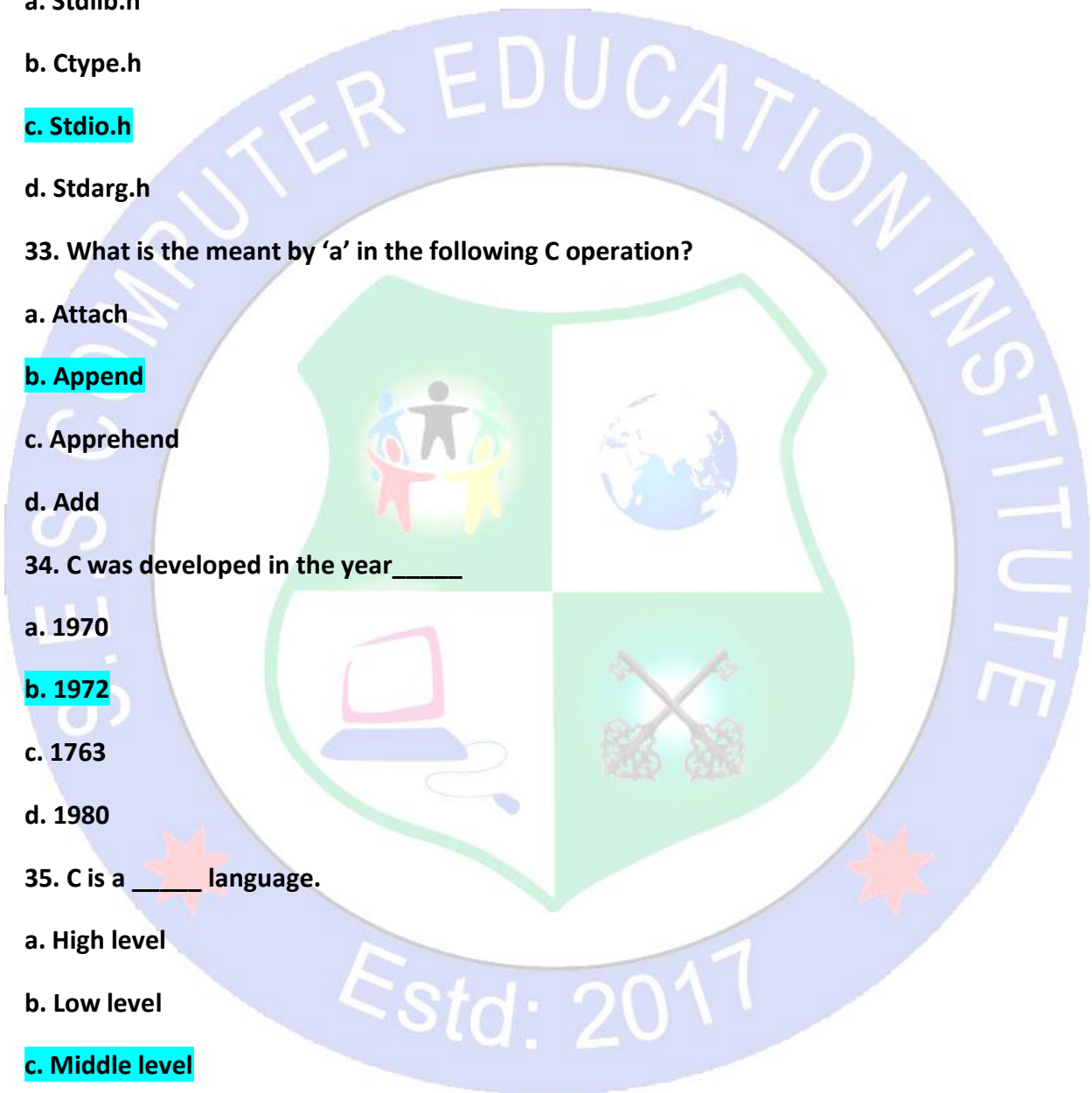
35. C is a \_\_\_\_\_ language.

- a. High level
- b. Low level
- c. Middle level**
- d. Machine level

36. C language is available for which of the following Operating Systems?

- a. DOS
- b. Windows
- c. Unix
- d. All of these**

37. Which of the following is a Scalar Data type\_



**a. Float**

b. Union

c. Array

d. Pointer

38. Which of the following are tokens in C ?

a. Keywords

b. Variables

c. Constants

**d. All of the above**

39. What is the valid range of number for int type of data?

a. 0 to 256

**b. -32768 to + 32767**

c. – 65536 to + 65536

d. No specific range

40. Which symbol is used as a statement terminator in C?

a. |

b. #

c. ~

**d. ;**

41. Which escape character can be used to begin a new line in C?

a. \a

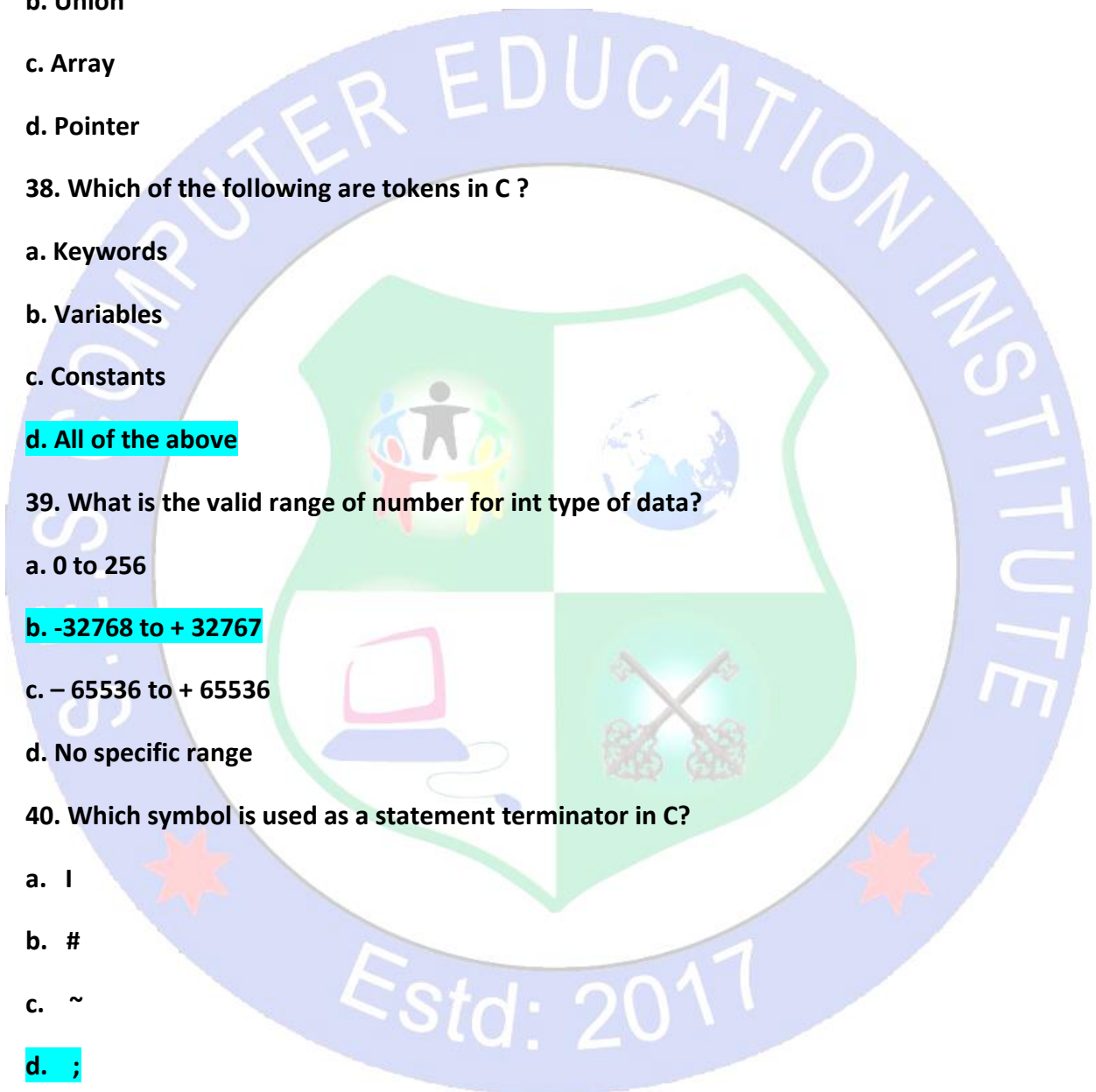
b. \b

c. \m

**d. \n**

42. Character constants should be enclosed between\_\_\_\_\_

**a. Single quotes**



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b. Double quotes

c. Both a and b

d. None of these

44. String constants should be enclosed between \_\_\_\_\_

a. Single quotes

**b. Double quotes**

c. Both a and b

d. None of these

45. Which of the following is invalid?

a. ''

b. ""

c. 'a'

**d. 'abc'**

46. The maximum length of a variable in C is \_\_\_\_\_.

**a. 8**

b. 16

c. 32

d. 64

47. What will be the maximum size of a float variable ?

a. 1 byte

b. 2 byte

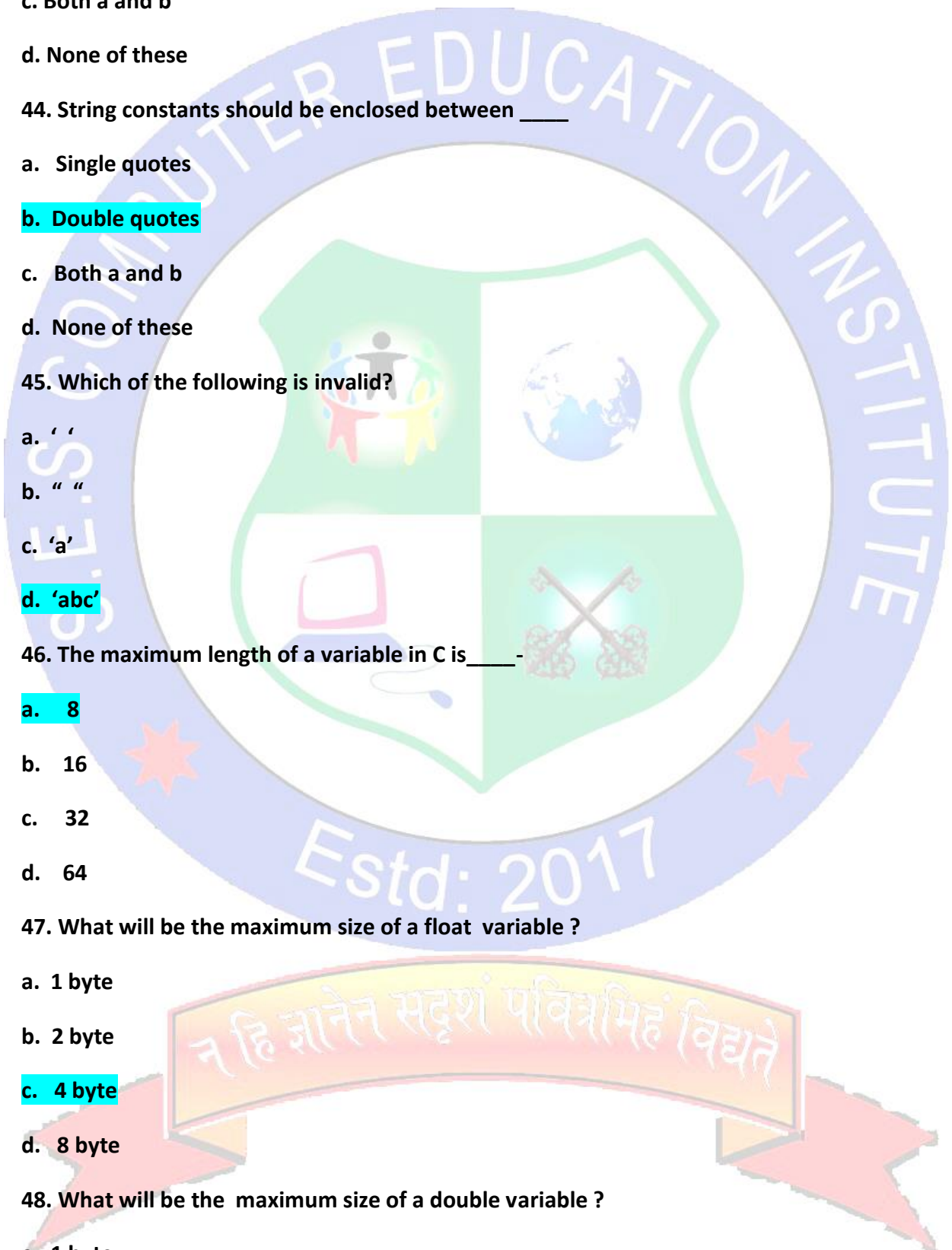
**c. 4 byte**

d. 8 byte

48. What will be the maximum size of a double variable ?

a. 1 byte

b. 2 bytes



c. 4 bytes

d. 8 bytes

49. Which of the following is an example of compounded assignment statement ?

a. A=5

b. A+=5

c. A=B=C

d. A=B

50. The operator & is an example for \_\_\_\_\_ operator.

a. Assignment

b. Increment

c. Logical

d. Rational

51. The operator & is used for \_

a. Bitwise AND

b. Bitwise OR

c. Logical AND

d. Logical OR

52. The operator / can be applied to

a. Integer values

b. Float values

c. Double values

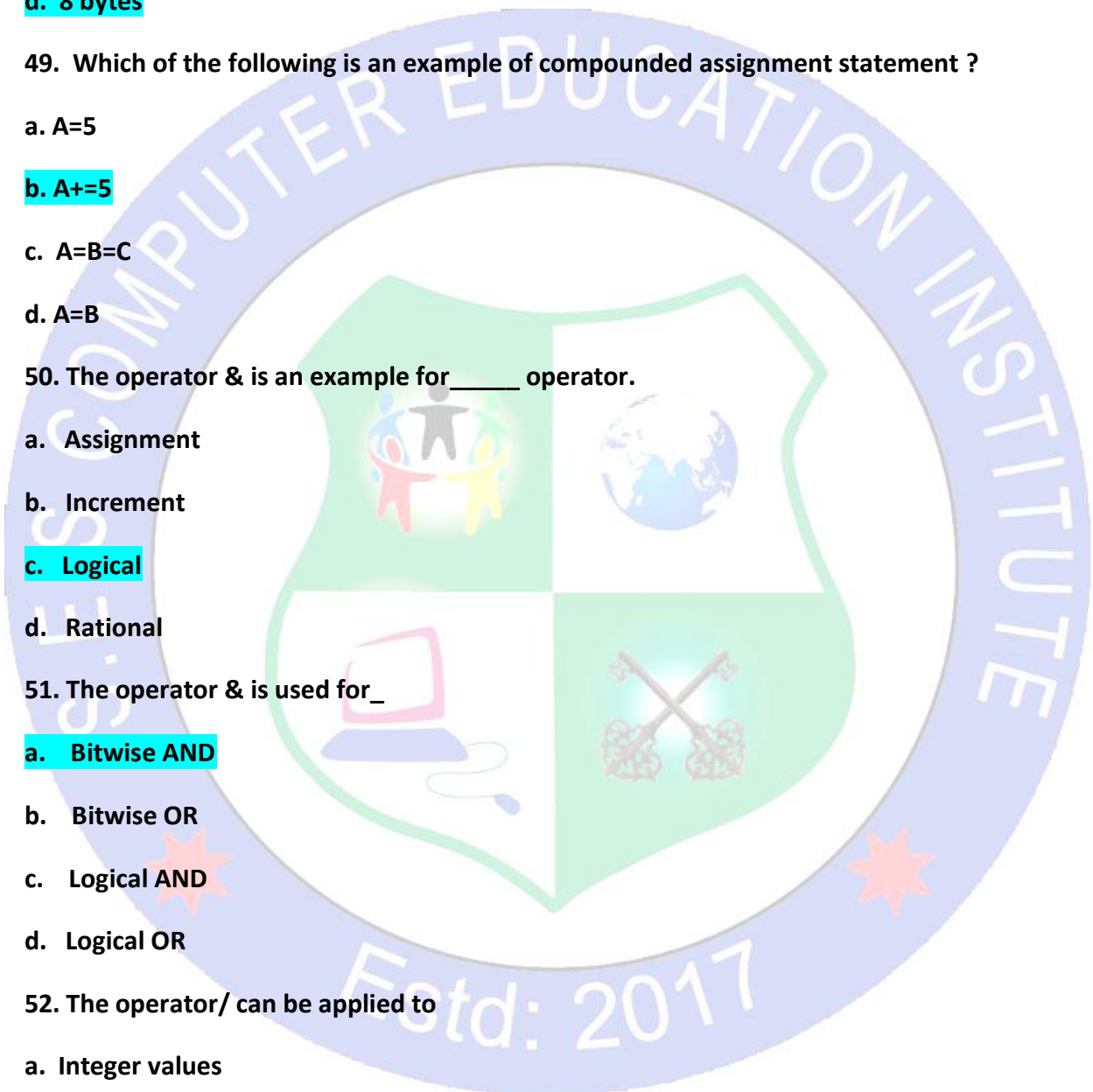
d. All of these

53. The equality operator is represented by \_

a. ;=

b. .EQ.

c. =



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**d. ==**

54. Operators have hierarchy, It is useful to which operator-

a. is most important

**b. Is used first**

c. Is faster

d. Is Operators on large numbers

55. The bitwise AND operators is used for-

**a. Masking**

b. Comparision

c. Division

d. Shifting bits

56. The bitwise OR operators is used to-

**a. Set the desired bits to 1**

b. Set the desired bits to 0

c. Divide numbers

d. Multiply numbers

57. Which of the following operators has the highest precedence?

a. \*

b. ==

c. =>

**d. +**

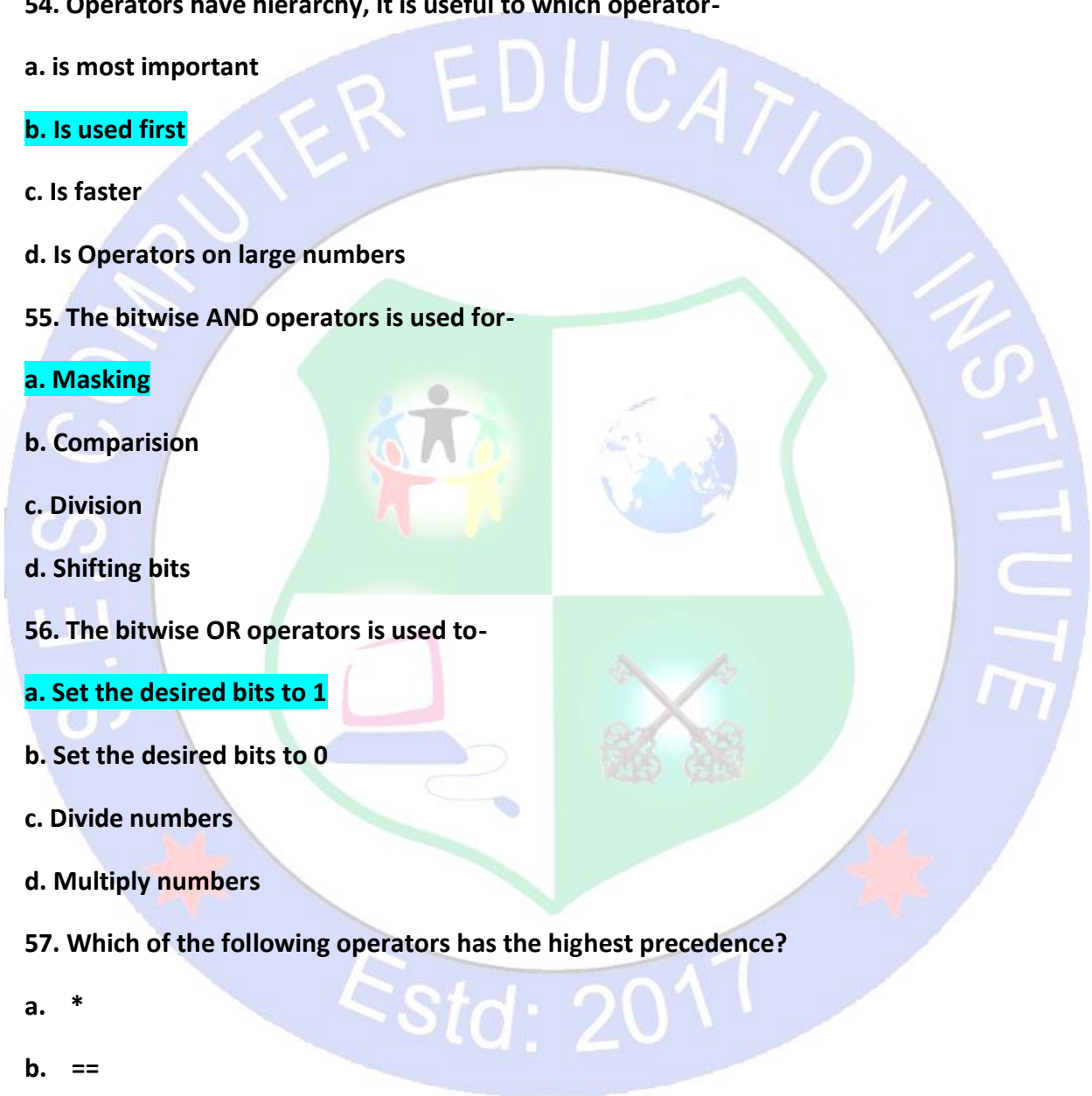
58. The associativity of operators is –

**a. Right to Left**

b. Left to Right

c. (a) for Arithmetic and (b) for Relational

d. (a) for Relation and (b) for Arithmetic



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59. Operators have precedence. Precedence determines which operators is-

- a. Faster
- b. Takes less memory
- c. Evaluated first
- d. Takes no arguments

60. Integer Division results in-

- a. Rounding the fractional part
- b. Truncating the fractional part
- c. Floating value
- d. An Error is generated

61. The type conversion is known as

- a. ( type )
- b. Cast ( )
- c. ( ; )
- d. // " "

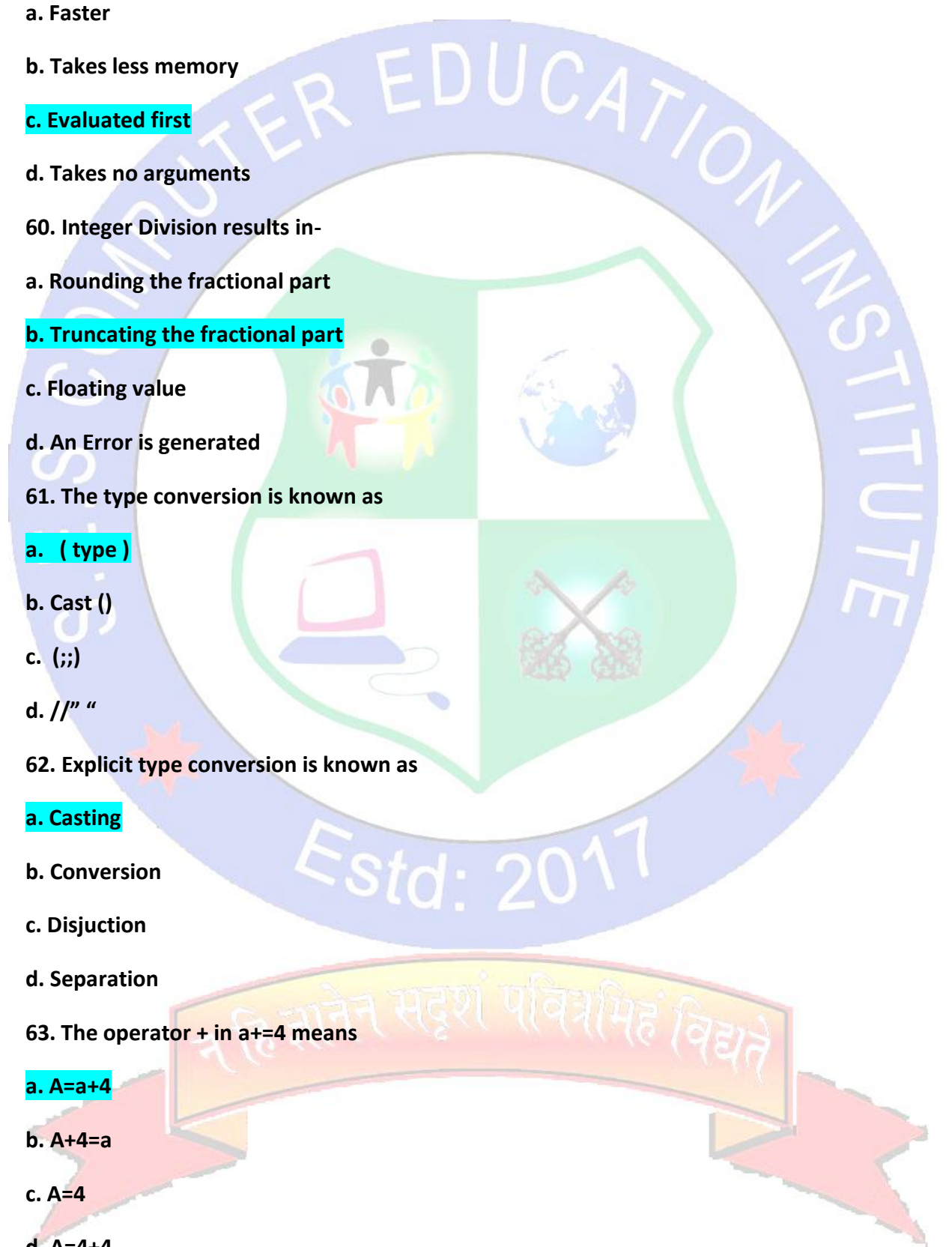
62. Explicit type conversion is known as

- a. Casting
- b. Conversion
- c. Disjunction
- d. Separation

63. The operator + in  $a+=4$  means

- a.  $A=a+4$
- b.  $A+4=a$
- c.  $A=4$
- d.  $A=4+4$

64. P++ executes faster than P+1 because



a. P uses register

**b. P++ is a single instruction**

c. ++ is faster than +

d. None of these

65. Which of the following statements is true?

**a. C library functions provides I/O facilities**

b. C inherent I/O facilities

c. C doesn't have I/O facilities

d. Both a and c

66. Header files in C contain

a. Compiler commands

**b. Library functions**

c. Header information of C programs

d. Operators for files

67. Which pair of functions below are used for single character I/O.

**a. Getchar () and putchar ()**

b. Scanf () and output ()

c. Input () and output ()

d. None of these

68. The printf () function returns which value when an error occurs ?

a. Positive value

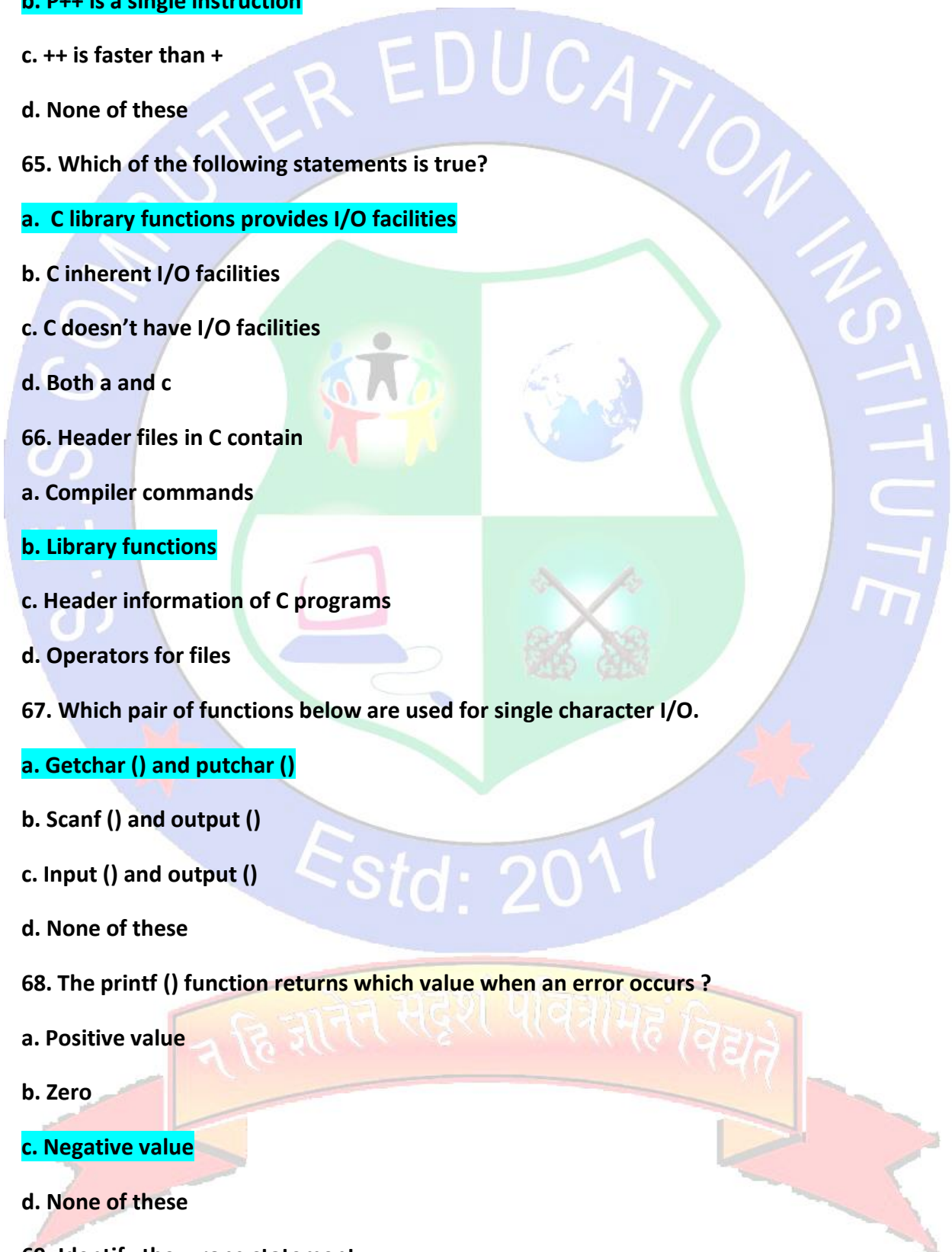
b. Zero

**c. Negative value**

d. None of these

69. Identify the wrong statement

a. Putchar (65)



b. Puchar ('X')

c. Puchar ("X")

d. Puchar ('\n')

70. An ampersand before the names a variable denotes

a. Actual value

b. Variable name

c. Address

d. Data type

