

City International School

ANNUAL EXAMINATION 2015 – 2016

Date : 29/02/2016

Std : VIII

Subject : Computers

Marks : 80

Time : 2 hrs

Q. 1 Fill in the blanks (10)

(Do not copy the sentences. Just write the answer) (1 mark for each blank)

- a. _____ is the area reserved in computer's memory.
- b. _____ is a destructive software program.
- c. The _____ operator works like a conditional statement.
- d. Int is a _____ data type.
- e. If there are two operands with same precedence, evaluation is done from _____.
- f. The virus does not infect _____ and _____.
- g. The _____ statement is an optional statement in switch case construct.
- h. The two types of data types are _____ and _____.

Q. 2 State whether the following statements are true or false. (6) **(Write complete expressions with the answers)**

If the value of (A=20 and B=10)

- a. $A == B$
- b. $A != B$
- c. $A >= B$
- d. $A < B$
- e. $A <= B$
- f. $A > B$

Q. 3 Complete the following sentences. (Just write the answers) (10)

- a. Disk Killer is an example of –
- b. One_Half and Emperor are the examples of –
- c. Mellissa virus can infect only –
- d. Computer virus are similar to biological virus because –
- e. Initializing a variable means –

Q. 4 Find out which of the following variable names are valid and which are Invalid. - (Write only answers) (5)

- a. 6phone
- b. Formal school
- c. & User id
- d. Mynumber
- e. Address

Q. 5 Give one word for the following. (Just write the answers) (5)

- a. An expression $a+=5$ is equivalent to –
- b. The operator used to add two numbers in java –
- c. Software that prevents, detects and removes destructive program is –
- d. The area of the computer that is accessed when the computer starts –
- e. A harmful program containing malicious code –

Q. 6 Match the column. (Draw the columns with the correct answers) (6)

a.	Byte	i.	64-bit signed two's complement
b.	Double	ii.	32-bit IEEE754
c.	int.	iii.	Minimum value – 128 to maximum 127 (inclusive)
d.	Long	iv.	returns : True or False
e.	Short	v.	32-bit signed two's complement
f.	Boolean	vi.	64-bit IEEE754
		vii.	Minimum value -32768 to maximum 32767 (inclusive)

Q. 7 Give the description for the following Operators (Just write the answers) (10)

- a. $\% =$
- b. $* =$
- c. $- =$
- d. $/ =$
- e. $+ =$

Q. 8 Give difference between – (write the difference in tabular form)

- a. Virus and Anti-Virus (4)
- b. Worms and Trojan Horses (4)

Q. 9 Give answers for the following. (Just write the answers)

- a. What are the symptoms of a computer virus? (4)
- b. What is Arithmetic assignment operator? Explain with the help of an example. (4)
- c. What is a variable? Mention the rules for creating variables in java. (4)
- d. List the damages that cannot be caused by virus. (4)
- e. Explain if construct with example. (4)