



K16U 1936

Reg. No. : .....

Name : .....

V Semester B.Com. Degree (CBCSS – 2014 Admn. –Regular)

Examination, November 2016

Core Course – Optional

5B14 COM : B – Computer Application – III

PROGRAMMING LANGUAGES

Time : 2 Hours

Max. Marks : 20

PART – A

Answer **all** questions. **Each** carries  $\frac{1}{2}$  marks.

1. Java Source Code is compiled into \_\_\_\_\_  
A) .obj                      B) .exe                      C) Byte code                      D) none
2. The clubbing up data and functions operating on the data into a single unit is called \_\_\_\_\_  
A) Abstraction              B) Polymorphism              C) Encapsulation              D) Inheritance
3. To add a row using SQL in a database \_\_\_\_\_ command is used.
4. \_\_\_\_\_ software is used to view a web page on a computer.                      (4× $\frac{1}{2}$ =2)

PART – B

Answer **any two** questions. **Each** carries **one** mark.

5. Pick the odd one out and give reason.  
A) Create                      B) Select                      C) Update                      D) Insert
6. Write the structure of an HTML document.
7. List any four aggregate functions in SQL.                      (2×1=2)

PART – C

Answer **any three** questions (**not** exceeding **one** page). **Each** carries **three** marks.

8. Distinguish between DDL and DML statements in SQL.

P.T.O.



9. Explain any two features of JAVA.
10. The table Student contains following five records. Write the queries to
- List the students with marks in the range 50 – 60.
  - List the students with subject 'English'.
  - How many students have scored above 50 marks ?

Reg. no.	Name	Subject	Mark
61568	Raju	English	55
74586	John	Physics	60
54256	Shafeek	English	65
21586	Geetha	English	75
45936	Jessy	Physics	50

11. Write the HTML script to display the following on a web page. (3×3=9)

Enter Name.. :

Enter Age..... :

Enter Sex :  Male  Female

#### PART – D

Answer **any one** question. **Each** carries **seven** marks.

12. Explain the basic concepts of object oriented programming.
13. List and explain the various popular internet services.
14. List and explain the various decision making, branching and looping statements available in JAVA programming language. (1×7=7)
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