

Exam Date & Time: 01-Oct-2020 (10:00 AM - 01:45 PM)



## PSG COLLEGE OF ARTS AND SCIENCE

Note: Writing 3hrs: Checking & Inserting Image : 30mins + Grace Time : 15mins

BSc DEGREE EXAMINATION MAY 2020  
(Sixth Semester)

Branch - MATHEMATICS

ELECTIVE-II INTERNET AND JAVA (THEORY) [14MAU23]

Marks: 75

Duration: 225 mins.

### SECTION A

Answer all the questions.

- 1) List out the top level domains. (2)
- 2) Specify the function of the protocol SMTP. (2)
- 3) What is the use of a byte code? (2)
- 4) Define Encapsulation. (2)
- 5) What is meant by Abstract Class? (2)
- 6) Define Interface. (2)
- 7) List out the types of exception. (2)
- 8) Specify the character extraction functions. (2)
- 9) What is meant by URL? (2)
- 10) Give an example for get code Base(). (2)

### SECTION B

Answer all the questions.

- 11) Exemplify the procedure to send email. (5)
  - a)
  - [OR] Describe on host name and port number creation and access. (5)
  - b)
- 12) Show an account on the features of Java. (5)

- a)  
[OR] Compare and contrast Java and c++. (5)  
b)
- 13) What is meant by constructor? Explain with its creation. (5)
- a)  
[OR] Narrate the method overriding procedure. (5)  
b)
- 14) Prepare short note on exception fundamental with its type. (5)
- a)  
[OR] Show an account on synchronization method. (5)  
b)
- 15) Discuss on the fundamentals of networking. (5)
- a)  
[OR] Prepare short note on AWT window functions. (5)  
b)

### SECTION C

**Answer 3 out of 5 questions.**

- 16) Discuss the Internet addressing methods. (10)
- 17) Exemplify the operators available in Java. (10)
- 18) Elucidate the creation and accessing of package. (10)
- 19) Discuss on string handling function with example. (10)
- 20) Summarise the creation of applet with example. (10)

-----End-----