

**Directorate of Distance Education  
Swami Vivekanand Subharti University  
I Year**

**MASTER OF COMPUTER SCIENCE  
(MCA)**

**MCA/ASSIGN/ III/SEM/A-2020-21**

**Assignments**

**(For JUNE Academic Batch-2020-21)**

**MCA-1, MCA-2, MCA-3, MCA-4,**



**DIRECTORATE OF DISTANCE EDUCATION  
SWAMI VIVEKANAND SUBHARTI UNIVERSITY**

Subhartipuram, NH-58, Delhi-Haridwar-Meerut

By-Pass Road, Meerut– 250 005

**Directorate of Distance Education  
Swami Vivekanand Subharti University  
I Year**

**Detail of Program**

Course Code	Name of Subject	Page No.
MCA-1	Internet & Java Programming	3
MCA-2	Programming in Python	4
MCA-3	Cloud Computing	5
MCA-4	Internet of Things	6

**Directorate of Distance Education  
Swami Vivekanand Subharti University  
I Year**

Course Code : MCA -1  
Course Title : Internet & Java Programming  
Assignment No. : MCA -1/ A-2020-21  
Maximum Marks : 15  
Words : 100 words

Attempt all questions.

All questions carry equal marks.

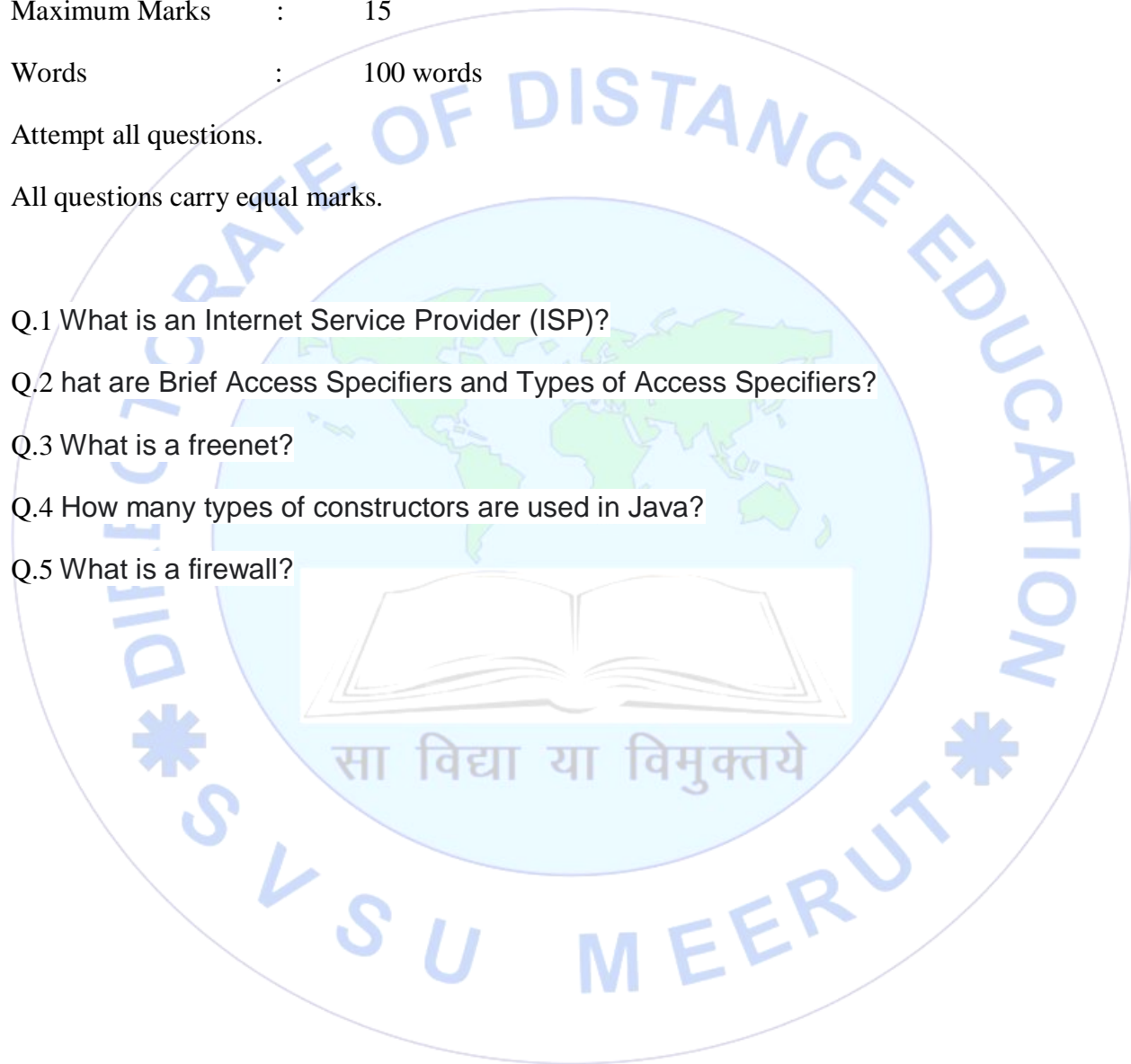
Q.1 What is an Internet Service Provider (ISP)?

Q.2 What are Brief Access Specifiers and Types of Access Specifiers?

Q.3 What is a freenet?

Q.4 How many types of constructors are used in Java?

Q.5 What is a firewall?



**Directorate of Distance Education  
Swami Vivekanand Subharti University  
I Year**

Course Code : MCA -2  
Course Title : Programming in Python  
Assignment No. : MCA -2/ A-2020-21  
Maximum Marks : 15  
Words : 200 words

Attempt all questions.

All questions carry equal marks.

- Q.1 What is a dynamically typed language?  
Q.2 What is PEP 8 and why is it important?  
Q.3 What is Scope in Python?  
Q.4 What are the common built-in data types in Python?  
Q.5 What is pass in Python?

**Directorate of Distance Education  
Swami Vivekanand Subharti University  
I Year**

Course Code : MCA -3  
Course Title : Cloud Computing  
Assignment No. : MCA -3/ A-2020-21  
Maximum Marks : 15  
Words : 200 words

Attempt all questions.

All questions carry equal marks.

Q.1 What is cloud computing?

Q.2 What is a cloud?

Q.3 What are the different data types used in cloud computing?

Q.4 Which platforms are used for large scale cloud computing?

Q.5 What are the benefits of cloud computing?

**Directorate of Distance Education  
Swami Vivekanand Subharti University  
I Year**

Course Code : MCA -4  
Course Title : Internet of Things  
Assignment No. : MCA -4/ A-2020-21  
Maximum Marks : 15  
Words : 200 words

Attempt all questions.

All questions carry equal marks.

Q.1 What are the different components of IoT?

Q.2 What are the challenges or risks associated with IoT?

Q.3 Explain the characteristics of IoT

Q.4 What are different layers of the IoT protocol stack?

Q.5 How does the Internet of Things IoT affect our everyday lives?