**Placement Enhancement Program**

Name: Anish Abhijit Dadegaonkar

Batch: B32

**Assignment**

1. **What is Human brain’s capacity**

The human brain's memory capacity is often compared to digital storage. Estimates suggest it could hold around 2.5 petabytes (1 petabyte = 1 million gigabytes) of information. This estimate comes from the assumption that the brain's 86 billion neurons, each connected to thousands of other neurons, form a vast network capable of storing immense amounts of data.

Understanding the brain's capacity involves exploring both its immense potential and the biological constraints that shape human cognition and memory.

1. **Find Your mental Age by giving IQ test**

Your Mental age is 25-29

Mentally, you’re young, wild, and free. Invited to that new restaurant downtown? You’ll be there. Spontaneous plans to go to a music festival? You’re in. You love to experience new things and take advantage of all life has to offer.  
  
Sometimes your life can feel a little directionless, but you mostly don’t mind. You’re too busy [enjoying yourself](https://www.wikihow.com/Enjoy-Life)! [Living in the moment](https://www.wikihow.com/Live-in-the-Moment) and not worrying too much about the future is your life mantra, and you do it better than most.  
  
Nothing sounds better to you than a fun night out dancing, a delicious brunch at your favorite spot, or staying up until dawn having hilarious/existential convos with your friends. You truly are the life of any party, and people love you for it.

1. **Find 5 mnemonic**

Mnemonics are useful tools to help remember information. Here are five popular mnemonics:

1. **PEMDAS** (Order of Operations in Mathematics):

* **P**arentheses
* **E**xponents
* **M**ultiplication
* **D**ivision
* **A**ddition
* **S**ubtraction
* Mnemonic Sentence: "**P**lease **E**xcuse **M**y **D**ear **A**unt **S**ally"

1. **ROYGBIV** (Colors of the Rainbow):

* **R**ed
* **O**range
* **Y**ellow
* **G**reen
* **B**lue
* **I**ndigo
* **V**iolet
* Mnemonic Sentence: "**R**ichard **O**f **Y**ork **G**ave **B**attle **I**n **V**ain"

1. **HOMES** (Great Lakes of North America):

* **H**uron
* **O**ntario
* **M**ichigan
* **E**rie
* **S**uperior

1. **FACE** (Notes in the Spaces of the Treble Clef in Music):

* **F**
* **A**
* **C**
* **E**

1. **My Very Educated Mother Just Served Us Nachos** (Order of the Planets from the Sun):

* **M**ercury
* **V**enus
* **E**arth
* **M**ars
* **J**upiter
* **S**aturn
* **U**ranus
* **N**eptune

These mnemonics provide simple and memorable ways to recall complex sets of information.