**Year 1, Semester II (2019)**

**June Intake**

**Question 01:**

1. Yes

PHP, JavaScript is a very loosely typed language. the type of a variable is determined only when a value is assigned and can change as the variable appears in different contexts. Usually, you don’t have to worry about the type. Because of that PHP and JS loosely typed.

Ex:

var Name = “Kamal”;

Name = 123;

$Name = “Kamal”

Name=123;

1. ftp: - FTP means "**File Transfer Protocol**" and refers to a group of rules that govern how computers transfer files from one system to another over the internet

8080: - Port numbers identify a particular application or service on a system. An FTP server will listen for client connections on [port](http://en.wikipedia.org/wiki/Port_(computer_networking)).

c)

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| --- | --- | --- |
|  | LAN | WAN |
| Definition | Network in small geographical Area. | Network spanning a  large geographical area of around several  hundred miles to across the globe |
| Bandwidth | For data transfer, there is high bandwidth. | For data transfer, there is low bandwidth. |
| Connection | A LAN network is limited to between 100-1000 meters coverage. | A WAN network will have a larger coverage area that can range up to 100,000 KM and in some cases, stretches globally or over international borders. |
| Problems | Limited coverage. | cost |
| Ownership | It is typically owned by an individual or an organization | It will typically have a distributed ownership model. |
| Setup & cost | It has a low cost of set-up. | It costs more to set-up a WAN than a LAN . |

1. Responsive web design is a web development approach that creates **dynamic changes** to the appearance of a website**, depending on the screen size and orientation** of the device being used to view it.
2. Web communication – HTTP, HTTPS, SSL
3. File sharing – FTP, FTPS
4. E-Mail – SMTP

**Question 02:**

1. Write unique title tags and meta descriptions for every page.

Optimize images

Make site load fast

Optimize every page of your site with rich content

1. Selection Policy

Re-visit Policy

Politeness Policy

1. media sharing networks

review networks

social networks

discussion networks

blogging and publishing networks

**Question 03:**

1. 1. Get user input number.
   2. Implement a web element for user input
   3. Implement a web element for event handling.

When the user inputs a number and clicks the DRAW TABLE button it will create a table on the web page.