

Day:

Date: \_\_\_\_\_

# Assignment No. 1 (Theory)

Submitted by

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Submitted to

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Registration No

FA25-BMD-009

Course Name

Applications of ICT

Class

BSc Maths with Data Science

Comsats University Isl.

Vehari campus

# Chapter No 01

## Project (1):

### Smart watch:

For a project I selected smart watch.

### Main purpose of selected wearables:

The purpose of selecting smart watch is that it is a wearable which is chosen by many people. A lot of people are using it and wearing it in daily life.

### Working:

Smartwatch is a useful wearable because it can share data, provides notification like smart phones and it can also manage phone calls and internet can also be used in it.

## Smart watch vs smart phone

Like smart phone, smart watches also share data, manage calls and use internet. Smart-watches have more battery time than smart-phones and they can also be charged more easily than smart-phones. Smart watches cost less than smart-phones and can be buy easily by everyone.

## A useful product:

No doubt, smart-watch is a useful product and this wearable should be promoted. I'll definitely want to buy that useful wearable.

## Conclusion:

In, short smart-watch is a much useful product. It is easy to carry and handle. This wearable helps us a lot.

## Project(2)

### Buying a new PC:

I am in a market to buy personal computer.

#### Type:

I want to buy a desktop computer.

#### Purpose:

I need desktop computer to perform computer programming.

### List of Hardware and software

#### Hardware:

- 1) CPU (central processing unit)
- 2) RAM (At least 32 GB)
- 3) Storage: A fast SSD with at least 512 GB of storage.
- 5) A good quality monitor and adjustable height and angle.

## Software:

- 1) A 64-bit operating system like windows 10 or 11
- 2) Programming language like python Java, Javascript, C++, C#
- 3) Debugging tools depending on IDE.

## Three suitable computers

### STGAubron PC

Price : \$631.39

Specifications: Intel core i5-9400F up to 4.1 GHz, GeForce RTX 2060

Delivery: Available free-delivery.

### Gaming PC desktop

Price: \$440.61

Specification: GeForce GTX750 Ti 4G 16GB DDR4, WIN 11

Delivery: Available Free-delivery

### Aubron PCs:

Price: \$670.75

Available for delivery including delivery charges.

# Project:

## Gossip sites

Gossip sites are made by campuses for students so they could speech freely and express their thoughts. But these days, those sites are used for unethical tasks and students do negative-comments about others.

Students should use these gossip sites in positive means. They should upload informational tasks and comments. They should not humiliate other's self-respect. Technology is always good and helpful if it is used in positive aspects.

## Project:-

### Online educations

Many colleges and universities are offering online education for their students. Besides these there are many courses which we can learn online.

These online courses also provide degree and certificates which can be used in jobs.

For example in Pakistan, Allama Iqbal Open University and Virtual University provide online education to students and also give them degree and certificates as well.

Such sort of education helps students a lot who are not able to attend classes physically. All the assignments and exams are

also held online.

## Project:

### ⑥ Social media jobs:

In this modern age every person is connected to social media. Social media provides online jobs. Even companies now check the history of social media activities of employes before hiring them.

All this is because if some personal is corrupt or fraud it can be easily detected through its social media activity.

So use of technology and social media in this sence is good.

## Chapter 04

### Project:

#### Biometrics and personal privacy:

Biometric devices such as fingerprints, and iris scanners are being used for access purposes. They are also being built into mobile devices.

### Uses:

Biometrics fingerprint readers are used in online payments. They are very useful. No payment from your account can be made without these. So, no one can misuse your account. It also has a potential impact on user's privacy. It makes privacy more strong. No one can

# Project:

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