



DEPARTMENT OF PHARMACY
FIRST BPHARM PART I EXAMINATION – JULY 2018
PH 1163 INFORMATION TECHNOLOGY (SEQ)

TIME: ONE HOUR

INSTRUCTIONS

- There are **two** questions in part A and B of the SEQ paper.
- Answer **each** part in a separate booklet.
- No paper should be removed from the examination hall.
- Do not use any correction fluid.
- Use illustrations where necessary.

PART A

1.

1.1. Complete the table given below using the following information. (10 marks)

- | | |
|---|-----------------------|
| A-8 GB DDR4 Ram | G-USB Key board |
| B- Intel i7 7 th Generation 3.2Ghz CPU | H-Speaker |
| C-Printer | I- Mic |
| D-Scanner | J-17 Inch Wide Screen |
| E-Bar Code Reader | K-1TB Hard Disk |
| F-USB Mouse | L- DVD Rom |

Input devices	Processing devices	Memory components	Output devices

- 1.2. State the functionality of primary memory and secondary memory inside the computer. (10 marks)
- 1.3. Give **two** examples for primary memory and **two** examples for secondary memory. (10 marks)
- 1.4. Name **three** main parts of the central processing unit (CPU) of the computer. (10 marks)
- 1.5. List **five** advantages of using computer network in your organization. (10 marks)
- 1.6. Explain briefly the main categories of software, system software and application software in the computer. Give **two** examples for each category. (20 marks)

1.7. List **two** functionalities of the operating system.

(10 marks)

1.8.

1.8.1. Write **three** characteristics of the successful software.

(10 marks)

1.8.2. Define the following terms.

1.8.2.1. Proprietary software

(05marks)

1.8.2.2. Freeware software

(05marks)

2.

2.1. State **five** different uses of information technology in your pharmacy activities. (20 marks)

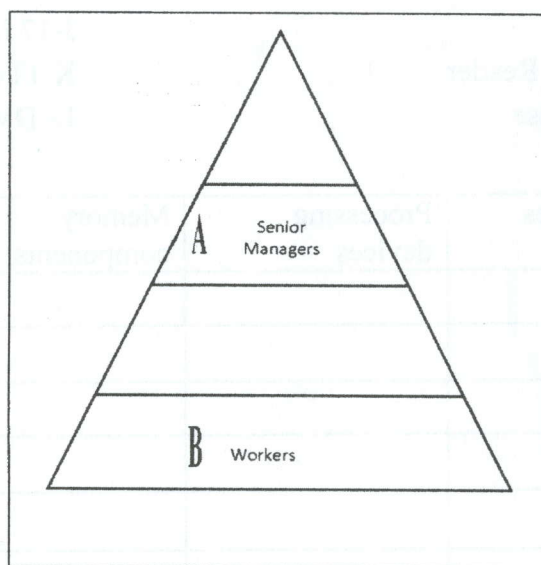
2.2.

2.2.1. Mention **two** methods of getting Internet connection to your office. (05 marks)

2.2.2. Giving **two** examples, who supplies the internet connection to clients?. (05 marks)

2.3. An organization is willing to gain services from cloud based systems to overcome the problems in traditional computer network systems. Write **two** advantages of usage of the cloud base system. (10 marks)

2.4. The diagram given below shows the two levels of an organization. Write name of the information system relates with each level. (10 marks)



PART B

2.5. Discuss the benefits and drawbacks of e-learning, with compared to traditional learning. (15 marks)

2.6. What is the function of Domain Name System (DNS)? (10 marks)

2.7.

2.7.1. What do you mean by a protocol in the field of computing? (10 marks)

2.7.2. Different protocols provide different types of services. List down **five** different protocols and associated services provided by them. (15 marks)

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