

FACULTY OF PHARMACY

B. Pharmacy I – Year (Supplementary) Examination, November 2017

Subject : Anatomy, Physiology and Health Education

Time : 3 hours

Max. Marks : 70

Note : Answer all questions. All questions carry equal marks.

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|-----------|-------|--|---|
| 1 | a) i) | Define Tissue. Classify various types of muscle tissues and explain them with a neat labeled diagram. | 8 |
| | ii) | Explain general principles of Membrane Permeability. | 6 |
| OR | | | |
| | b) i) | Explain the various parts of the following bones with neat diagrams | 8 |
| | | a) Humerus b) Sternum c) Fibula d) Sacrum | |
| | ii) | Discuss the functions of connective tissue. | 6 |
| 2 | a) i) | Discuss about physiology of Nerve impulse. | 8 |
| | ii) | Write about functions of hypothalamus. | 6 |
| OR | | | |
| | b) i) | Define cardiac cycle and describe the events involved in cardiac cycle. | 8 |
| | ii) | Define Blood Pressure. What are the factors affecting Blood Pressure? | 6 |
| 3 | a) i) | Define Hypoxia. Explain Physiology of respiration. | 8 |
| | ii) | Write about histology of small intestine. | 6 |
| OR | | | |
| | b) i) | Explain Anatomy of respiratory system. | 8 |
| | ii) | Explain Disorders of hypo and hyper secretions of thyroid gland. | 6 |
| 4 | a) i) | Explain the anatomy of eye with diagram. | 8 |
| | ii) | What is GFR and explain factors affecting GFR. | 6 |
| OR | | | |
| | b) i) | Describe the physiology of hearing. | 8 |
| | ii) | Discuss the anatomy of Taste bud. | 6 |
| 5 | a) i) | Write about various temporary contraceptive methods. | 8 |
| | ii) | Write a note on Neoplasm. | 6 |
| OR | | | |
| | b) i) | Describe the signs, symptoms and different stages of inflammation. | 8 |
| | ii) | Write about functions and deficiency disorders of Vitamin A. | 6 |

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Subject : Basic Computer Applications

Time : 3 hours

Max. Marks : 70

Note : Answer all questions. All questions carry equal marks.

- 1 a) What is computer? Write characteristics of computers. 7
 b) Explain different types of printers. 7
OR
 c) Discuss i) Magnetic tapes ii) RAM & ROM
 d) Write features of MS-DOS & Unix operating systems.
- 2 a) Explain i) Input-Output statements ii) Operators and Expression in C- 9
 language. 5
 b) Write a program for multiplication table. 5
OR
 c) What are various control statements used in C-language. Explain branching statements with examples.
- 3 a) Describe about MS-Office tools.
 b) Discuss about formatting paragraphs and tables in a document using MS-Word.
OR
 c) Explain i) Charts and graphs ii) Transitions and Animations
 iii) Data types and formulas
- 4 a) Write about i) Views in power point ii) Transitions and Animations
 iii) Wizards and Templates iv) Slide design and Back grounds
OR
 b) What is Database and RDBMS? 4
 c) Write briefly about database creating in MS-Access. 4
 d) Write a note on i) Sorting and Filtering ii) Table relationships 6
- 5 a) Explain the following i) Types of indexing tools and search strategies
 ii) Internet iii) E-mail iv) Search engines
OR
 b) Write about SQL commands.
 c) Write comparison for MS-Access and SQL server.
