

BACHELOR OF PHYSIOTHERAPY - 1st YEAR EXAMINATIONS, JUNE-2018
(SUB:- ANATOMY; PAPER CODE-03050101)
(RE-APPEAR)

Time: 3 HOURS**Max. Marks-80****Instructions:**

1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided with correct paper. Complaint(s) in this regard, if any, should be made within 15 minute of the commencement of the exams. No complaints(s) will be entertained thereafter.
3. Attempt **six (06)** questions in all. **Q.1** is compulsory. Students are required to attempt any **five (5)** questions from **Q.2 to Q.8**. Marks are indicated against each question.
4. Draw diagram wherever required.

- Q.1** Describe shoulder joint under following headings (4+3+5+3=15)
- a. Type and Ligaments
 - b. Relations
 - c. Movements and muscles producing them
 - d. Applied aspect
- Q.2** Write in brief about following
- a. Inversion and eversion (4)
 - b. Gross anatomy of spleen (4)
 - c. Boundaries and contents of femoral triangle (5)
- Q.3** Describe the origin, insertion, nerve supply and action of following muscles
- a. Deltoid (5)
 - b. Masseter (4)
 - c. Soleus (4)
- Q.4** Write briefly about following
- a. Bronchopulmonary segments (5)
 - b. Types of muscles (4)
 - c. Upper trunk of brachial plexus (4)
- Q.5** Discuss anatomical basis of
- a. Carpal tunnel syndrome (5)
 - b. Foot drop (4)
 - c. Claw hand (4)
- Q.6** Draw well labelled diagram to show
- a. Boundaries and contents of cubital fossa (5)
 - b. Structures found in stomach bed (4)
 - c. Interior of right atrium (4)
- Q.7** Write short notes on
- a. Fourth ventricle of brain (4)
 - b. Gross anatomy and blood supply of thyroid gland (5)
 - c. Muscles of tongue (4)
- Q.8** Classify bones with examples. Describe parts of a growing long bone in detail. Add a note on its blood supply. (13)

BACHELOR OF PHYSIOTHERAPY - 1st YEAR EXAMINATIONS, JUNE-2018
(SUB:- PHYSIOLOGY; PAPER CODE-03050102)
(RE-APPEAR)

Time: 3 HOURS

Max. Marks-80

Instructions:

1. Write your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided with correct paper. Complaint(s) in this regard, if any, should be made within 15 minute of the commencement of the exams. No complaints(s) will be entertained thereafter.
3. Attempt **six (06)** questions in all. **Q.1** is compulsory. Students are required to attempt any **five (5)** questions from **Q.2 to Q.7**. Marks are indicated against each question.
4. Draw diagram wherever required.

- Q.1** Define cardiac cycle. Explain with the help of a diagram the mechanical changes during cardiac cycle. (15)
- Q.2** Write short notes on (3)
- a) Action potential (3)
 - b) Mechanism of breathing (3)
 - c) Blood group (4)
 - d) Erythroblastosis foetalis
- Q.3** Write functions of: (4)
- a) Haemoglobin (3)
 - b) Growth hormone (3)
 - c) Hypothalamus (3)
 - d) Non respiratory functions of lungs (3)
- Q.4** Write in brief about: (3)
- a) Muscle spindle (3)
 - b) ECG (3)
 - c) Anaemia (4)
 - d) Chemical regulation of respiration
- Q.5** Describe: (3)
- a) Excitation contraction coupling (3)
 - b) Reflex arc (4)
 - c) Composition & functions of pancreatic juice (3)
 - d) Mechanism of intrinsic blood clotting
- Q.6** Enlist the: (3)
- a) Hormones secreted by anterior pituitary (3)
 - b) Functions of saliva (4)
 - c) Clinical features of Cretinism (3)
 - d) Properties of synapse
- Q.7** Write on (7)
- a) Discuss the transport of carbon di oxide in the blood. (3)
 - b) **Differentiate between**
 - i. Myelinated and unmyelinated nerve fibres (3)
 - ii. Haemolytic & obstructive jaundice (3)

BPT - 1ST YEAR ANNUAL EXAMINATIONS; JUNE 2018 (RE-APPEAR)
(SUB.:--BIOCHEMISTRY; PAPER CODE:-3050103)

Time-3 hrs

Max marks- 80

Instructions

1. Write your roll number on the question paper
2. Candidate should ensure that they have been provided with correct question paper. Complaint(s) in this regard, if any, should be made within 15 minutes of the commencement of exam. No complaint(s) will be entertained thereafter.
3. Attempt **six (6)** questions in all. **Q. 1** is compulsory. Students are required to attempt any five **(05)** questions from **Q.2 to Q.8**. Marks are indicated against each question
4. Draw diagrams wherever required.

- Q.1 (a)** Explain the process of TCA cycle. Give in brief its energetics? (8)
(b) Write briefly about Urea Synthesis? (7)
- Q.2** Define Proteins. Classify proteins and enumerate their functions? (13)
- Q.3** Write short note on
(a) Balanced diet (5)
(b) Pellagra (4)
(c) Mucopolysaccharides (4)
- Q.4** Write in brief:-
(a) Essential fatty acids and their clinical significance (7)
(b) Mechanism of action of enzymes? (6)
- Q.5** Write briefly about-
(a) Transamination (5)
(b) Define and Classify Carbohydrates (8)
- Q.6** Hormonal regulation of blood glucose? (13)
- Q.7** Write short notes on
(a) Mitochondria (5)
(b) Heteropolysaccharides (4)
(c) Mutarotaion (4)
- Q.8** Explain in brief process of fatty acid oxidation? (13)

BPT – 1st YEAR EXAMINATIONS; JUNE 2018
(SUB: PSYCHOLOGY; PAPER CODE:- 03050105)
(RE-APPEAR)

Time: 01:30 Hrs.

Max. Marks: 40

Instructions:-

1. Write your Roll No. on the Question paper.
2. Candidate should ensure that they have been provided correct question paper. Complaints in this regard, if any, should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. Attempt any **three (03)** questions. Q.1 is compulsory. Attempt any two questions from Q.No.2 to Q.4.
4. Draw diagram wherever required.

- Q.1 Answer the following in about 50 words: (2x5=10)**
- a) Observation method
 - b) Types of motives
 - c) Self esteem
 - d) Rationalization
 - e) Insight learning
- Q.2 Define psychology. Describe various schools of psychology. (15)**
- Q.3 Give a suitable definition of intelligence .Explain various psychological tests to assess intelligence. (15)**
- Q.4 Define personality. Explain the basic concepts of personality development as given by Sigmund Freud. (15)**

BACHELOR OF PHYSIOTHERAPY - 1st-Year EXAMINATION, JUNE 2018
(SUB:-ELECTROTHERAPY; PAPER CODE-03050104)
(RE-APPEAR)

Time: 3 Hrs

Max Marks: 80

Instructions:

1. Write your Roll No. on question paper.
2. Candidate should ensure that they have been provided with correct question paper. Complaint(s) in this regard, if any, should be made within 15 minutes of the commencements of the exam. No complaint(s) will be entertained thereafter.
3. Question No. 1 is compulsory. Attempt any five out of rest seven questions.
4. Draw diagram wherever required.

- Q.1** Discuss in detail production, physiological effects, indications and contraindication of Faradic current. (15)
- Q.2** Discuss in detail the physiological effects, indications and contraindications of cryotherapy. (13)
- Q.3** (a) Explain the types & physiological effects of intermittent compression therapy. (6)
(b) Explain in detail production and physiological effects of SWD. (7)
- Q.4** Explain the characteristics of Laser. Discuss the production of Ruby laser and indications and contraindications. (13)
- Q.5** Discuss in detail production of ultrasound. Explain the thermal and non thermal effects of ultrasound. (13)
- Q.6** Discuss in detail principle, types, working and uses of transformer in Physiotherapy. (13)
- Q.7** (a) Discuss the technique of Iontophoresis. (6)
(b) Explain the working and application of Fuse in Physiotherapy. (7)
- Q.8** (a) Explain the electrical supply in Physiotherapy department. (6)
(b) Explain the dangers of AC & DC and their prevention. (7)

BACHELOR OF PHYSIOTHERAPY – 1st YEAR EXAMINATIONS; JUNE 2018**(SUBJECT NAME: SOCIOLOGY; PAPER CODE: 03050106)****(RE-APPEAR)****Time: 01:30 Hours****Total Marks: 40****Instructions**

1. Write your roll number on the question paper
2. Candidate should ensure that they have been provided with correct question paper. Complaint(s) in this regard, if any, should be made within 15 minutes of the commencement of exam. No complaint(s) will be entertained thereafter.
3. **Attempt all questions.** Make suitable assumptions where necessary. Figures to right indicate full marks. Marks are indicated against each question

Q.1 Define family and discuss role of family in health and disease. (5)

Q.2 Short Essay: (5)

- a) Differences between primary and secondary group.
- b) Role of social factors in health and illness.

Q.3 Short Essay: (5)

- a) Definition and characteristics of Rural community.
- b) Feature of Urban community

Q.4 Short Essay: (5)

- a) Impact of population explosion
- b) Legislations related to social security in india

Q.5 Write in short: (5)

- a) Problem of modern family (Any four)
- b) Questionnaire
- c) Psychosomatic illness.

Q.6 Write in short: (5)

- a) Tribble problems (Any four)
- b) Characteristics of family (Any four)
- c) Factors in socialization process.

Q.7 Short Essay: (5)

- a) Juvenile delinquency
- b) Types of social control

Q.8 Write in short: (5)

- a) Role of social worker
- b) Merits and demerits of caste system
- c) Demography cycle
