

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

Bachelor of Physiotherapy (CBCS), First Year Semester-I

November-2020 Examination.

TIME - 2 HRS

MAX MARKS: 60

ANATOMY

Q.P. CODE: B1010

*Your answers should be specific to questions asked.
Draw neat labelled diagrams wherever necessary*

LONG ESSAY

1 X 10 = 10 Marks

1. Describe Shoulder joint under the following headings with suitable diagrams - a) Type, bones participating b) Ligaments c) Movements with muscles producing them d) Nerve supply e) Applied aspects. (2+2+2+1+3)

SHORT ESSAY

7X 5 = 35 Marks

2. Thoraco-abdominal diaphragm.
3. Microscopic feature of Thyroid gland.
4. Gluteus maximus muscle -Attachments, Nerve supply and Action.
5. Enumerate Extra ocular muscles mention their actions and nerve supply.
6. Describe the gross features and blood supply of Stomach.
7. Describe gross features and relations of urinary bladder.
8. Describe Lumbrical muscles of hand with action and nerve supply.

SHORT ANSWER

5 X 3 = 15 Marks

9. Mention the muscles attached to styloid process.
10. Carpel tunnel syndrome.
11. Microscopic features of Vein.
12. Boundaries of cubital fossa.
13. Mention the features of cervical vertebra.

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Time: 2 Hrs.

[Max. Marks: 60]

PHYSIOLOGY

Q.P Code: B1020

*Your answers should be specific to the questions asked.
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LONG ESSAY

1 X 10 = 10 Marks

1. With neat labelled diagram describe the oxygen haemoglobin - dissociation curve

SHORT ESSAY

7X 5 = 35 Marks

2. List the clinical features of acromegaly
3. List the movements of small intestine
4. What are the waves of ECG & enumerate its uses.
5. Draw a neat labeled diagram of visual pathway.
6. Give the normal serum calcium level. List 3 hormones & 3 target tissues on which they act.
7. Describe the mechanism of Hcl secretion in the stomach.
8. Define & classify synapse

SHORT ANSWER

5 X 3 = 15 Marks

9. Define Filtration fraction. Give its normal value
10. List the functions of kidney
11. List 3 important properties of action potential.
12. List the placental hormones
13. Diagrammatically represent steps of phagocytosis

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