

# KADI SARVA VISHWAVIDYALAYA

## FIRST YEAR B.P.T EXAMINATION

### 1. HUMAN ANATOMY

#### SCHEME OF UNIVERSITY EXAMINATION

Student should get minimum 50% marks for passing the examination

#### Scheme of Marking

- **Theory** :80 Marks  
Theory paper + 20 Marks Internal assessment Total - 100 Marks
- **Practical**: 80 Marks  
Practical examination 80 marks + 20 Marks Internal Assessment Total - 100 Marks
- **Theory Paper** : - **3 Hours**

<b>SECTION-1</b>		
<b>Q:1] MCQS</b>	<b>(10 x 1)</b>	<b>10 Marks</b>
1 to 5) Upper limb -	5	
6 to 9) Brain -	4	
10 ) General anatomy -	1	
<b>Q:2] Write Answers Shortly</b>	<b>(any five) (5 x 2)</b>	<b>10 Marks</b>
1) Upper limb		
2) Lower limb		
3) Brain		
4) General anatomy & Organs		
5) Histology & Embryology		
6) Genetics & Locomotion		
<b>Q:3] Write Short Notes</b>	<b>(any four) (4 x 5)</b>	<b>20 Marks</b>
1) Upper limb		
2) Lower limb		
3) General anatomy		
4) Histology		
5) Organs		

#### SECTION – 2

<b>Q: 4] MCQS</b>	<b>(10 x 1)</b>	<b>10 Marks</b>
1 to 5) Lower limb -	5	
6) Histology	1	
7) Embryology	1	
8) Genetics	1	
9 & 10) Organs -	2	

**Q:5] Long answer questions (any three) (10 x 3) 30 Marks**

- 1) Upper limb & Thorax
- 2) Lower limb & Abdomen
- 3) Brain , Head and neck
- 4) Miscellaneous

**Practical Examination : 80 Marks**

**1) Spots–10 Spots - ( 10 x 2) 20 Marks**

Spots based on-

- a) Bones - 3
- b) Organs - 2
- c) Head face neck - 1
- d) Upper limb - 1
- e) Lower limb - 1
- f) Brain - 1
- g) Histology – 2 Slides - two marks each

**2) Viva - 55 Marks**

- a) Bones and radiology 30 Marks
- b) Soft parts 25 Marks

**3) Journal 05 Marks**

**INTERNAL ASSESSMENT EXAMINATIONS**

- a) One Internal & Preliminary examinations shall be conducted in an academic year before candidates appear for university examination.
- b) Internal examination - Theory 80 Marks and Practicals 80 Marks  
Preliminary examination - Theory 80 Marks & Practicals 80 Marks
- c) Weightage of marks for internal assessment would be as follows –  
Terminal and Preliminary total theory marks 160, to be converted into 20 Internal assessment marks

Candidates have to secure minimum of 50% marks in Internal assessment in Theory and Practical to be eligible to appear for University examination.

## 2.HUMAN PHYSIOLOGY

### SCHEME OF EXAMINATION

Student should get minimum 50% marks for passing the examination

#### Scheme of Marking

- **Theory** :80 Marks  
Theory paper + 20 Marks Internal assessment Total - 100 Marks
- **Practical**: 80 Marks  
Practical examination 80 marks + 20 Marks Internal Assessment Total - 100 Marks
- **Theory Paper** : - **3 Hours**

#### SECTION-1

**Q:1] MCQS** (10 x 1) **10 Marks**

- 1-2) General Physiology -2
- 3-4) Muscle-Nerve -2
- 5-6) Blood -2
- 7-8) CVS -2
- 9-10) RS -2

**Q: 2] Write Answers Shortly** (any five) (5 x 2) **10 Marks**

- 1) Gen. Physiology
- 2) Muscle/ Nerve
- 3) Blood
- 4) GIT & Renal
- 5) Endocrine & Reproductive
- 6) Applied ( CVS/RS)

**Q:3] Write Short Notes** (any four) (4 x 5) **20 Marks**

- 1) Environmental
- 2) Special senses
- 3) Higher functions /ANS
- 4) Case studies ( M-N/CNS)
- 5) Body fluid compartment

#### SECTION-2

**Q:4 ) MCQs** (10 x 1) **10 Marks**

- 1-3) END/Reprod - 3
- 4-6 ) CNS - 3
- 7) GIT - 1
- 8)Environmental - 1
- 9)Renal - 1
- 10)Special senses - 1

**Q:5] Long Answer Questions** (any three) (10 x 3) **30 Marks**

- 1) Muscle – Nerve Physiology , CNS
- 2) Endocrine , Blood
- 3) CVS , RS
- 4) Reproductive , Renal

## **PRACTICAL EXAMINATION : 80 Marks**

**1] Spots [5x3] 15 marks**

- 1) Haematology,
- 2) Skeletal muscle experimental graphs
- 3) Cardiac muscle experimental graphs
- 4) Human experiments including perimetry, ergography, stethography&spirometry
- 5) Clinical: ECG report, BP apparatus, tuning fork, knee hammer & Weber's compass

**2] Clinical exam [4 X 10] 40 marks**

- i. CVS – pulse examination, BP recording, chest examination- inspection, palpation, percussion, auscultation – **10 marks**
- ii. Respiratory system - chest examination- inspection, palpation, percussion, auscultation – **10 marks**
- iii. Haematology **10 marks**
- iv. Nervous system – **10 marks**
  - i. Sensory motor examination – superficial & deep sensations, muscle tone, grading of muscle power, nutrition of muscle
  - ii. Reflexes, cranial nerves- emphasis on taste, smell, hearing, vision & trigeminal

**3] Demo table viva /Charts/Graphs 20 marks**

**4] Lab. Journal 05 marks**

## **INTERNAL ASSESSMENT ( I.A.)**

One Terminal & one Prelim having 80 marks each in theory & practical. I.A. marks out of 20 for theory & 20 for practical.

**Student will be eligible to appear for University examination if he/ she gets minimum 50% marks.**

### 3. BIOCHEMISTRY

#### SCHEME OF EXAMINATION- [THEORY ONLY]

Student should get minimum 50% marks for passing the examination.

#### THEORY-40 MARKS + INTERNAL ASSESSMENT-10 MARKS

SECTION-1			
Q:1] MCQs		(10 x 1)	10 marks
Q:2] Write Answers Shortly	(any five)	(5 x 2)	10 Marks
Q:3] Write Short Notes	(any two)	(2 x 5)	10 Marks
Q:4] Long Answer Questions	(any one)	(1 x 10)	10 Marks

#### Internal assessment examinations

- One Internal & Preliminary examination shall be conducted in an academic year before candidates appear for university examination.
- Terminal examination - Theory 40 Marks  
Preliminary examination - Theory 40 Marks
- Weightage of marks for internal assessment would be as follows –  
Terminal and Preliminary total theory marks 80, to be converted into 10 Internal assessment marks
- Candidates have to secure minimum of 50% marks in internal assessment in theory to be eligible to appear for University Examination.

## 4.EXERCISE THERAPY – I

### SCHEME OF EXMAINATION

Student should get minimum 50% marks for passing the examination

Theory-80 marks + int. assessment-20 marks total = 100 marks

Theory Paper : - 3 Hours

#### SECTION-1

<b>Q:1] MCQS</b>	<b>(10 x 1)</b>	<b>10 Marks</b>
<b>Q: 2] Write Answers Shortly</b>	<b>(any five) (5 x 2)</b>	<b>10 Marks</b>
<b>Q:3] Write Short Notes</b>	<b>(any four) (4 x 5)</b>	<b>20 Marks</b>

#### SECTION-2

<b>Q:4 ) MCQs</b>	<b>(10 x 1)</b>	<b>10 Marks</b>
<b>Q:5] Long Answer Questions</b>	<b>(any three) (10 x 3)</b>	<b>30 Marks</b>

### PRACTICAL EXAMINATION :

Practical--80 marks + int. assessment--20 marks = total-100 marks

**A] Long case- 35 marks**

- 1) based on Massage **15marks**
- 2) based on Goniometry/Passive movement/Suspension therapy/MAT exercises **20marks**

**B] Short Case – Any two of the following 20 marks**

Breathing exercises/Limb length/ Girth Measurement/Group Exercises/Active movements/  
Resisted movements/ Blood Pressure, Pulse Rate & Respiratory rate / Chest excursion &  
Expansion, /Starting & derived Positions / Sensation & Reflex Testing/Endfeel/posture/gait/  
Free exercises.

**C] Spots-Based on Therapeutic Gymnasium (5 x 4) 20 marks**

**D] Journal 5 marks**

### INTERNAL ASSESSMENT (I.A.)

- One internal& one Prelim having 80 mark each in theory & practical. I.A. marks out of 20 for theory & 20 for practical.
- Student will be eligible to appear for University examination if he/ she get minimum 50% marks.

## 5.ELECTRO THERAPY - I

### SCHEME OF EXAMINATION

Student should get minimum 50% marks for passing the examination

Theory-80 marks + int. assessment-20 marks total = 100 marks

Theory Paper : - 3 Hours

#### SECTION-1

Q:1] MCQs	(10 x 1)	10 Marks
Q: 2] Write Answers Shortly	(any five) (5 x 2)	10 Marks
Q:3] Write Short Notes	(any four) (4 x 5)	20 Marks

#### SECTION-2

Q:4 ) MCQs	(10 x 1)	10 Marks
Q:5] Long Answer Questions	(any three) (10 x 3)	30 Marks

### PRACTICAL EXAMINATION :

PRACTICAL-80 MARKS +, I.A.-20 MARKS TOTAL = 100 MARKS

A] Long case-based on superficial thermal agent	35 marks
B] Short case	40 marks
a] viva	[20 marks]
b] Testing of Equipment- SWD/US/IFT/ES/TENS/IR/UVR	
Polarity Testing, panel diagram	[20 marks]
C] Journal	5 marks

### INTERNAL ASSESSMENT ( I.A.)

One Terminal & one Prelim having 80 mark each in theory & practical. I.A. marks out of 20 for theory & 20 for practical.

Student will be eligible to appear for University examination if he/ she get minimum 50% marks.