

Re-Accredited 'B++' 2.86 CGPA by NAAC

**VEER NARMAD SOUTH GUJARAT UNIVERSITY**

University Campus, Udhna-Magdalla Road, SURAT - 395 007, Gujarat, India.

**વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી**

યુનિવર્સિટી કેમ્પસ, ઉધના-મગદલા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

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**-: પરિપત્ર :-**

તબીબી વિદ્યાશાખા હેઠળની તમામ મેડીકલ કોલેજોના ડીનશ્રીઓને જણાવવાનું કે, શૈક્ષણિક વર્ષ ૨૦૨૪-૨૫ થી National Medical Commission Competency Based Medical Education Curriculum (CBME) Guideline August-2024 અંગે ચર્ચા વિચારણા કરતા Pre- Clinical વિષયની અભ્યાસ સમિતિની તા.૦૮/૦૧/૨૦૨૫ની સભાનાં ભલામણ ક્રમાંક: ૨ અન્વયે નીચે મુજબની ભલામણને તબીબી વિદ્યાશાખાનાં એસોસિએટ ડીનશ્રી/કાર્યકારી ડીનશ્રીએ તબીબી વિદ્યાશાખા વતી મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ પર વિચારણા કરતા એકેડેમિક કાઉન્સિલની તા.૪/૦૩/૨૦૨૫ ની સભાનાં ઠરાવ ક્રમાંક: ૨૩ થી મંજૂર કરેલ છે. જેની આથી જાણ કરવામાં આવે છે.

**Pre- Clinical વિષયની અભ્યાસ સમિતિની તા.૦૮/૦૧/૨૦૨૫ની સભાનાં ભલામણ ક્રમાંક: ૨**

:: આથી ઠરાવવામાં આવે છે કે, National Medical Commission Competency Based Medical Education Curriculum(CBME)Guideline August-2024મુજબ નવા નિયમો અનુસાર UG ની Examination Scheme મંજૂર કરી તે મંજૂર કરવા તબીબી વિદ્યાશાખાને ભલામણ કરવામાં આવે છે.

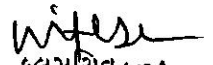
**એકેડેમિક કાઉન્સિલની તા.૦૪/૦૩/૨૦૨૫ની સભાનાં ઠરાવ ક્રમાંક: ૨૩**

:: આથી ઠરાવવામાં આવે છે કે, Pre-Clinical વિષયની અભ્યાસ સમિતિની તા.૦૮/૦૧/૨૦૨૫ ની સભાનાં ઠરાવ ક્રમાંક:૦૨ અન્વયે કરેલ ભલામણ તબીબી વિદ્યાશાખાના અધ્યક્ષશ્રીએ વિદ્યાશાખાવતી મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ સ્વીકારી મંજૂર કરવામાં આવે છે.

બિડાણ : ઉપર મુજબ

ક્રમાંક : ઓથોરીટીઝ/પરિપત્ર/૬ ૬૨૧/૨૦૨૫

તા. ૧૭/૦૩/૨૦૨૫

  
કુલસચિવ

પ્રતિ,

- ૧) તબીબી વિદ્યાશાખા હેઠળની તમામ મેડીકલ કોલેજોના ડીનશ્રીઓ.  
.....આપશ્રીની કોલેજના સંબંધિત શિક્ષકોને જાણ કરી અમલ કરવા સારું.
- ૨) અધરધેન ડીનશ્રી, તબીબી વિદ્યાશાખા
- ૩) પરીક્ષા નિયામકશ્રી, પરીક્ષા વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત.  
....તરફ જાણ તેમજ અમલ સારું.

**Subject: Physiology**  
**Scheme of Examination**

Paper-wise Distribution of Topics/Systems

Theory: Two written papers,

Syllabus as under:-

**Curriculum followed as per CBME, 2024**

Paper	Section	Topic/System
I	Sec-A	MCQs of all topics of Paper-I (Should not be more than 20 marks)
	Sec-B & C	Cell and General Physiology
		Muscle Physiology
		Haematology
		Cardiovascular Physiology
		Gastro-intestinal Physiology
		Respiratory Physiology
		Renal Physiology
		Exercise Physiology
AETCOM Module-1.2 (5 Marks) (What does it mean to be a patient?)		
II	Sec-A	MCQs of all topics of Paper-II (Should not be more than 20 marks)
	Sec-B & C	Nerve Physiology
		Nervous System Physiology including A. N. S
		Special Senses
		Endocrine Physiology
		Reproductive Physiology
		Body Temperature and B.M.R.
		Integrated Physiology
		AETCOM module-1.3 (5 Marks) (The doctor-patient relationship)
<i>*Applied and overlapping topics may be included in any paper</i>		

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

FORMAT/ SKELETON OF QUESTION PAPER

Course & Year: First M.B.B.S (Applicable w.e.f JANUARY 2025 & onward examination)

Subject code:

Subject: Physiology

Paper: I

Total Marks: 100

Total Time: 3 Hr.

SECTION "A" Multiple Choice Question (MCQ)

Instructions: Select one of the most appropriate choice out of four options in each Multiple Choice Question

Question-1: MCQ Based (20 Marks)

- 20 MCQs (1 mark each)

1 × 20 = 20

SECTION "B"

(40 Marks)

Question-2: Structured long essay question. (No choice) (10 marks).

10

Question-3: Short notes – Reasoning type (5 out of 6) (3 marks each).

5 × 3 = 15

- a)
- b)
- c)
- d)
- e)
- f)

Question- 4: Short notes (3 out of 4) (5 marks each).

3 × 5 = 15

- a)
- b)
- c)
- d)

SECTION "C"

(40 Marks)

Question-5: : Short notes – (4 out of 5) (5 marks each).

4 × 5 = 20

- a)
- b)
- c)
- d)
- e)

Que-6\*: Short notes – (4 out of 5) (5 marks each).

4 × 5 = 20

- a) AETCOM Module 1.2 (What does it mean to be a patient?)
- b)
- c)
- d)
- e)

NOTE:\* Q.6. b, c, d, e : preferably short notes on Integrated and applied physiology

\*This is as per new NMC guidelines of CBME 2024 date: 12/09/2024.

No. D-11011/500/2024-AcademicCell (e8284443)

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

FORMAT/ SKELETON OF QUESTION PAPER

Course & Year: First M.B.B.S (Applicable w.e.f JANUARY 2025 & onward examination)

Subject code

Subject: Physiology

Paper II

Total Marks: 100

Total Time: 3 Hr.

SECTION "A" Multiple Choice Question (MCQ)

Instructions: Select one of the most appropriate choice out of four options in each Multiple Choice Question

Question-1: MCQ Based (20 Marks)

- 20 MCQs (1 mark each)

1 × 20 = 20

SECTION "B"

Question-2: Structured long essay question. (No choice) (10 marks).

(40 Marks)

10

Question-3: Short notes – Reasoning type (5 out of 6) (3 marks each).

5 × 3 = 15

- a)
- b)
- c)
- d)
- e)
- f)

Question- 4: Short notes (3 out of 4) (5 marks each).

3 × 5 = 15

- a)
- b)
- c)
- d)

SECTION "C"

(40 Marks)

Question-5: : Short notes – (4 out of 5) (5 marks each).

4 × 5 = 20

- a)
- b)
- c)
- d)
- e)

Que-6\*: Short notes – (4 out of 5) (5 marks each).

4 × 5 = 20

- a) AETCOM Module 1.3 (The doctor-patient relationship)
- b)
- c)
- d)
- e)

NOTE:\* Q.6. b, c, d, e :preferably short notes on Integrated and applied physiology

\*This is as per new NMC guidelines of CBME 2024 date: 12/09/2024.  
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**VNSGU FIRST MBBS PRACTICAL EXAM**

**SUBJECT: PHYSIOLOGY PRACTICAL**

**TOTAL MARKS = 100**

**DISTRIBUTION OF MARKS**

1. Spotting test OSPE: 20marks
2. Hematology\*: 30marks
3. Clinical physiology including AETCOM\*: 30marks
4. Viva: 20marks

\*(OSPE/OSCE: preferably one exercise/one station each in Hematology and Clinical physiology)

**VEER NARMAD SOUTH GUJARAT UNIVERSITY**  
**FIRST MBBS**  
**SUBJECT: BIOCHEMISTRY**

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**FORMAT/ SKELETON OF QUESTION PAPER FOR UNIVERSITY  
EXAMINATION**

**THEORY**

**Total Marks = 100**

**Time: 3 Hours**

<b>Section "A"</b>	Q. 1. MCQ Multiple Choice Questions (Total 20 MCQ of One Mark each) <b>Time: Initial 30 minutes</b>	<b>(20x 1= 20 Marks)</b>
<b>Section "B"</b>	Q. 2. Long Essay Questions (Structured) <b>Any 1 out of 2</b>	<b>(1x 10= 10 Marks)</b>
	Q. 3. Reasoning/ Justifications Questions  <b>Any 5 out of 6</b>	<b>(5x 3= 15 Marks)</b>
	Q. 4. Short Notes <b>Any 3 out of 4</b>	<b>(3x 5= 15 Marks)</b>
<b>Section "C"</b>	Q. 5. Short Notes (Applied aspects / Clinical Cases) <b>Four questions</b>  Note: There must be minimum 2 clinical cases ; A clinical case may have sub question of 3+2= 5 marks OR 2+2+1 marks)	<b>(4x5 = 20 Marks)</b>
	Q.6. Short Notes <b>Four questions</b>  <b>(One subpart of 5 marks from AETCOM in each paper)</b>	<b>(4x5 = 20 Marks)</b>
<b>Total Marks</b>		<b>100</b>

**Note: The suggested format for theory paper is as per NMC guidelines Competency Based Medical Education (CBME) Guidelines 2024 (REF: NMC Academic Cell UGMEB No. D-11011/500/2024/AC dated 12/09/2024)**

**VEER NARMAD SOUTH GUJARAT UNIVERSITY**  
**FIRST MBBS**  
**SUBJECT: BIOCHEMISTRY**

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**FORMAT/ SKELETON OF QUESTION PAPER FOR UNIVERSITY**  
**EXAMINATION**  
**PRACTICAL**

**Total Marks = 100**

**Time: 9.00 am to 05:00 pm**

<b>A</b>	Spots / OSPE	<b>10 Marks</b>
<b>B</b>	Quantitative Estimation	<b>25 Marks</b>
<b>C</b>	Qualitative Estimation Urine examination (Normal & abnormal constituents of urine)	<b>15 Marks</b>
<b>D</b>	Special Techniques	<b>10 Marks</b>
<b>E</b>	Interpretation of Laboratory reports / Case report	<b>20 Marks</b>
<b>F</b>	Viva Voce	<b>20 Marks</b>
		<b>Total Marks 100</b>

**Note: The suggested format for theory paper is as per NMC guidelines Competency Based Medical Education (CBME) Guidelines 2024 (REF: NMC Academic Cell UGMEB No. D-11011/500/2024/AC dated 12/09/2024)**

**VEER NARMAD SOUTH GUJARAT UNIVERSITY**  
**FIRST MBBS**  
**SUBJECT: BIOCHEMISTRY**

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**PAPERWISE DISTRIBUTION OF TOPICS**

Paper	Topics
I	<p>Cell, Sub cellular organelles and cell membranes, Chemistry, Digestion Absorption and Metabolism of Carbohydrates, Lipids and Minerals, Integration of Metabolism, Biological Oxidation &amp; Electron Transport Chain (ETC), Electrolyte &amp; Water Balance, Acid Base Balance &amp; pH, Energy Metabolism Nutrition, Vitamins, Free Radicals &amp; Anti Oxidants, Detoxification &amp; Biotransformation of Xenobiotics, Body Fluids</p> <p>AETCOM : Module 1.1</p> <ul style="list-style-type: none"> <li>• Enumerate and describe professional qualities &amp; roles of a physician</li> <li>• Describe &amp; discuss commitment to lifelong learning as an important part of physician growth</li> </ul>
II	<p>Chemistry, Digestion Absorption and Metabolism of Amino acid &amp; Proteins (including Hemoglobin, Plasma Proteins, Enzymes &amp; Clinical Enzymology), Nucleotides, Prokaryotic &amp; Eukaryotic Nucleic Acid (inclusive of Genetics)</p> <p>Recombinant DNA Technology &amp; Gene Therapy, Molecular Diagnostics &amp; Genetic Techniques, Organ Function Tests, Hormones, Biochemistry of AIDS &amp; HIV and Cancer, Environmental Pollution &amp; Heavy Metal Poisons, Biochemistry Laboratory Techniques</p> <p>AETCOM : Module 1.1</p> <ul style="list-style-type: none"> <li>• Describe &amp; discuss role of a physician in healthcare system</li> <li>• Identify &amp; discuss physician's role and responsibility to society and community that he/she serves</li> </ul>

Note: Distribution of Syllabus in Question paper is only meant to cover entire syllabus within the stipulated frame. Few questions may be included in any of the two question papers based on relevance. Students cannot claim that questions are out of syllabus.



**VNSG University**

**1st MBBS ANATOMY SUBJECT (As per CBME Curriculum 2024- dated 12.9.2024)**

**Paper pattern PAPER--2**

Thorax, Abdomen & pelvis, Lower limb, Related Histology, Related Embryology, Genetics,  
AETCOM(1.4 module)

**SECTION--A**

**Question-1**      **MCQ --20 -(submit within 30 minutes)**      **20×1 mark=20 marks**  
(Thorax-5, Abdomen& pelvis-5, Lower limb-4, Histology-2, Embryology-2, Genetics-2)

**SECTION--B**

**Question-2**      **Long essay question (Structured) ---**      **1× 10 marks= 10 marks**  
Abdomen & pelvis / Lower limb / Thorax

**Question-3**      **Give the Reason of any 5 out of 6--**      **5× 3 marks=15 marks**  
a. Abdomen & pelvis      b. Abdomen & pelvis  
c. Lower limb      d. Lower limb  
e. Thorax      f. Thorax

**Question-4**      **Write short notes on any 3 out of 4-----**      **3× 5 marks=15 marks**  
a. Abdomen & pelvis      b. Abdomen & pelvis  
c. Lower limb      d. Systemic Histology

**SECTION--C**

**Question-5**      **Applied aspect --attempt all-**      **4× 5 marks=20 marks**  
a. Abdomen & pelvis      b. Lower limb  
c. Systemic Embryology      d. Thorax

**Question-6**      **Write short notes on -----**      **4× 5 marks=20 marks**  
a. Genetics or Genetics      b. Systemic Embryology  
c. Systemic Histology      d. AETCOM (1.4 module)

**VNSG University**

**Phase -1, Practical / oral viva Examinations: University**

**Subject: Anatomy**

**(Applicable for batch admitted in M.B.B.S Course from Academic Year 2024-2025 & onwards)**

SN	Topics(Headings)	Marks
1	Soft part --upper limb, head & neck & brain	15
2	Soft part --lower limb, Thorax, Abdomen & pelvis	15
3	OSPE(spotting) ( Clinical anatomy cases including genetics charts)--5 spots-2 marks each spot ( Histology slides)--5 spots-1 mark each ( Embryology models)-- 5 models- 2 marks each	10
		05
		10
4	Histology slide discussion-2 slides(one general histology, one systemic histology)-5 mark each	10
5	Osteology--Axial skeleton	10
6	Osteology--Appendicular skeleton	15
7	Radiology	05
8	Living Anatomy/ surface Anatomy	05
9	<b>Grand Total</b>	<b>100</b>