

GUJARAT AYURVED UNIVERSITY, JAMNAGAR.  
BACHELOR OF NATUROPATHY AND YOGA SCIENCES - (B.N.Y.S.)  
FIRST YEAR EXAMINATION OCTOBER-2017(New Syllabus)

SANSKRUTA EVAM SIDDHANTA

Date :- 26-10-2017  
Thursday

Time :-10:00 a.m. to 01:00 p.m.  
Total Marks :- 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

SECTION-A

1. Describe the उच्चारण स्थान (articulatory places) and प्रयत्न (effort). 10  
2. How many विभक्ति: are their ? Explain any two among them in detail. 10

OR

Defining participle, describe its types and give their suitable example of them.

3. Write short notes on any **Four** of the following : 20  
A. Explain the classification of vowels.  
B. Give the Sanskrit word for the following:  
1. Pig 2.Sun 3. Lion 4. Wife 5.Husband  
C. Find out of the verbs from the following sentences and identify them.  
1. सिंह नखैः मृगं हन्ति ।  
2. मेघः आकाशे गर्जति ।  
3. त्वं पर्वते नृत्यसि ।  
4. वने गजाः धावन्ति ।  
5. सः कुत्र गच्छति ?  
D. write all the three forms of the roots as directed:  
1. नृत् – future tense third person ( अन्य पुरुष )  
2. भ्रम् – present tense first person (उत्तम पुरुष)  
3. पच् – present tense second person (मध्यम पुरुष)  
4. नी- नय् – imperative second person (मध्यम पुरुष)  
5. क्रीड् – future tense third person ( अन्य पुरुष )  
E. Prepare one sentence from each of the following verbs:  
(A) हसति (B) अपठम् (C) पश्यति (D) पठसि (E) ददाति

4. Answer any **Five** of the following :(two to three sentences) 10  
A. How many Matra are there in हस्व, दीर्घ & प्लुत.  
B. Make one sentence each using the adjectives रम्य and हरति:.  
C. Write first two Maheshwar Sutras.  
D. Write the form of present tense in second person of the following roots:  
1.वस् 2.चुर् 3.पत् 4.वन्द्  
E. Write the form of the following roots as directed:  
1. दृश् (पश्य) - present tense first person ( उत्तमपुरुष ).  
2.दण्ड् – future tense second person (मध्यम पुरुष)  
F. Give two example of Avyaya with their meaning.

[P.T.O.]

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**HUMAN ANATOMY - I**

Date :- 27-10-2017  
Friday

Time :-10:00 a.m. to 01:00 p.m.  
Total Marks :- 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Define Garbha and Describe the Masanumasika Virddhi. 10
  2. Enlist the Bones of Upper Limbs and Describe the Humerus Bone. 10
- OR**
- Enlist the Bones of Lower Limbs and Describe the femur Bone.
3. Write short notes on any **Four** of the following : 20
    - A. Write short note on : Types of Sandhi.
    - B. Write short note on : Larynx.
    - C. Write short note on : Scapula.
    - D. Describe "Sarira" and "Sharira" and its importance.
    - E. Write short note on : Lungs.
  4. Answer any **Five** of the following :(two to three sentences) 10
    - A. Write the Name and Location of Smallest Bone in Human body.
    - B. Name the Contractile and Functional Unit of Muscle Fibers.
    - C. Enlist the Name of Organs of respiratory tract.
    - D. According to Charak Sarahita how many bones presence in Human body.
    - E. Enlist the names of Garbha Virddhikar Bhava.
    - F. Enlist the Types of bone according to Ayurveda.

**SECTION-B**

5. Explain the Heart in Detail. 10
  6. Explain the composition of Lymph, Lymphatic system and spleen. 10
- OR**
- Explain the structure of Digestive system in brief.
7. Write short notes on any **Four** of the following : 20
    - A. Write short note on: Rakta.
    - B. Write short note on: Liver.
    - C. Write short note on: Pancreas.
    - D. Write short note on: Aorta.
    - E. Write short note on: Grahani.
  8. Answer any **Five** of the following :(two to three sentences) 10
    - A. Write the types of Leucocytes.
    - B. What is meant Dhamani ?
    - C. Write the location and function of Gall bladder.
    - D. Write the location of Appendix.
    - E. How many Shira in the human body according to Ayurveda.
    - F. Write the location of both the Semi-lunar valves.

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**HUMAN ANATOMY - 2**

Date :- 28-10-2017  
Saturday

Time :-10:00 a.m. to 01:00 p.m.  
Total Marks :- 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Describe Pramana Sharira in detail. 10  
2. Define Marma and Describe it. 10

**OR**

Write about Tri Marama.

3. Write short notes on any **Four** of the following : 20  
A. Kalantar pranhar marma .  
B. Thyroid gland.  
C. Grabhashaya.  
D. Testis.  
E. Urinary bladder.
4. Answer any **Five** of the following :(two to three sentences) 10  
A. Enlist the Internal Genital organ of female.  
B. Write the Location of Pitutary gland.  
C. Define Rujakara Marma.  
D. Write the mean capacity of Urinary bladder.  
E. Enlist the name of Ductless gland.  
F. Draw the location of Overies.

**SECTION-B**

5. Write about sympathetic and parasympathetic nervous system. 10  
6. Define Srotasa and Describe Pranvaha Srotasa. 10

**OR**

Define Srotasa and Describe Annavaha Srotasa.

7. Write short notes on any **Four** of the following : 20  
A. Tongue  
B. Eye  
C. Indriya pancha panchaka  
D. Lumber plexuses.  
E. Skine
8. Answer any **Five** of the following :(two to three sentences) 10  
A. Define Indriya.  
B. Enlist the name of Layers of skin according to Sushruta Smhita.  
C. State the papillae present on upper surface of the tongue.  
D. Enlist the Karmendriya.  
E. Write the Mulas of sukravaha srotasa.  
F. Enlist the Mandalas of Eye.

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**HUMAN PHYSIOLOGY - 1**

Date :- 30-10-2017  
Monday

Time :-10:00 a.m. to 01:00 p.m.  
Total Marks :- 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Write an essay on "Dosha." 10  
2. Define and describe "Agni." 10

**OR**

Write an essay on "Mana."

3. Write short notes on any **Four** of the following : 20  
A. Describe western concept of physiology.  
B. What is "Prakruti"? Briefly explain.  
C. Explain the relation between Sangnavaha Srotas and Manas.  
D. What are the functions of Membrane?  
E. Write a short note on Vyan Vayu.
4. Answer any **Five** of the following :(two to three sentences) 10  
A. Enlist Dhatvagni.  
B. Enlist Kapha.  
C. Define Homeostasis.  
D. Define Deha.  
E. Define physiology.  
F. Enlist Rajas Manas Prakruti.

**SECTION-B**

5. Write an essay on Stomach. 10  
6. Describe "Neuromuscular Physiology." 10

**OR**

Describe "Pulmonary Circulation."

7. Write short notes on any **Four** of the following : 20  
A. Vitamins.  
B. Composition Blood.  
C. Small intestine.  
D. Synapse.  
E. Jaundice.
8. Answer any **Five** of the following :(two to three sentences) 10  
A. What is Avasthapaka? Define.  
B. Enlist the physical properties of Blood.  
C. Enlist Ahara Parinam Kara Bhava.  
D. Classification of Nerve fibre on the Basis of their functions.  
E. What is Positive feedback system? Define.  
F. What is Neuron? Define.

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HUMAN PHYSIOLOGY - 2

Date :- 01-11-2017  
Wednesday

Time :-10:00 a.m. to 01:00 p.m.  
Total Marks :- 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Explain the mechanism of Respiration. 10
2. Describe the process of urine formation. 10

**OR**

Write an essay on physiology of female reproductive system.

3. Write short notes on any **Four** of the following : 20
  - A. Spermatogenesis.
  - B. Hormones of pituitary gland.
  - C. Thymus gland.
  - D. Veeryotpatti.
  - E. What is hypothyroidism ? Enlist the symptoms of hypothyroidism in adult.
4. Answer any **Five** of the following : (two to three sentences) 10
  - A. Enlist the organs of urinary system.
  - B. Define chromosomal study.
  - C. Define gestation.
  - D. Enlist the hormones of adrenal gland.
  - E. Define feedback system.
  - F. Enumerate the hormones of parathyroid gland.

**SECTION-B**

5. Write an essay on Indriya Sharira. 10
6. Describe in detail about Oja. 10

**OR**

Define, classify and describe receptors.

7. Write short notes on any **Four** of the following : 20
  - A. Memory.
  - B. Ida.
  - C. EEG.
  - D. Functions of sympathetic nervous system.
  - E. Sushumna.
8. Answer any **Five** of the following : (two to three sentences) 10
  - A. Define hypothermia.
  - B. Enlist the functions of para-sympathetic nervous system.
  - C. Enlist Karmendriya.
  - D. Define cellular immunity.
  - E. Enlist Chakras.
  - F. Define Bala.

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**HISTORY OF YOGA AND NATUROPATHY**

Date :- 03-11-2017  
Friday

Time :-10:00 a.m. to 01:00 p.m.  
Total Marks :- 100

- Instructions: 1. Every question is compulsory.  
2. Every question bears the marks written on the right side.

**SECTION-A**

1. Detail introduction of M.P.I.Y N.E.R. 10
2. Describe Patanjali Yoga Sutra and its contribution in detail. 10

**OR**

Yoga in ancient Vedic literature.

3. Write short notes on any **Four** of the following : 20
  - A. Write a short note on : Yajnavalkya
  - B. Write a short note on : Goraksha Samhita
  - C. Write a short note on : Dada lekhray
  - D. Write a short note on : Bhakti Yoga
  - E. Write about the status of Yoga in present India.
4. Answer any **Five** of the following :(two to three sentences) 10
  - A. Write the time period and contribution of Mahesh Yogi.
  - B. What is Raja Yoga ?
  - C. Write the objectives of Yoga.
  - D. What is the main subject of Shiv Svarodaya ?
  - E. Write the place and time of establishment of Shivananda Ashrama.
  - F. Activities of International Centre for Yoga Education & research – Puducherry.

**SECTION-B**

5. Give detail description of origin and development of Nisargopachara in India. 10
6. Education and research activities of CCRYN in the field of Yoga and Nisargopachara. 10

**OR**

Life sketches and works of Shri Vittaldas Modi in the field of Nisargopachara.

7. Write short notes on any **Four** of the following : 20
  - A. Write a short note on : Dr. Kulkarni
  - B. Write a short note on : Paracelsus
  - C. Write the contribution of Benedict Just.
  - D. Nisargopachara practices followed by Mahatma Gandhi.
  - E. Write a short note on : Jindal Naturopathy Institute, Bangalore.
8. Answer any **Five** of the following :(two to three sentences) 10
  - A. Works of S.D.M. Nisargopachara Kendra.
  - B. Write the works of Arnold Rickle in brief.
  - C. Contribution of Dr. Sharanprasad.
  - D. Write in brief – Education of Naturopathy in B.H.U.
  - E. How ancient is the Nisargopachara ?
  - F. Relation between Ayurved and Nisargopachara.

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