

GUJARAT AYURVED UNIVERSITY, JAMNAGAR.
BACHELOR OF NATUROPATHY AND YOGA SCIENCES - (B.N.Y.S.)

FIRST YEAREXAMINATION OCTOBER-2018

SANSKRUTA EVAM SIDDHANTA

Date :- 22-10-2018
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 the “उच्चारण स्थान” for the all alphabets. 10
2. How many विभक्तिः are there? Explain चतुर्थी विभक्तिः 10

OR

Explain the total number of लकार use in Sanskrit language with their names and uses giving suitable examples of any five of them.

3. Write short notes on any **Four** of the following : 20
- A. Differentiating between विभक्तिः and कारक, enumerate and enlist the कारक.
B. Give the Sanskrit word for the following:
1. Donkey 2. Tiger 3. Eagle 4. Son 5. Sister
C. Find out of the verbs from the following sentences and identify them.
1. बालकौ विद्यालयं गच्छतः।
2. रामः पुस्तकं पठति ।
3. सर्वत्र वर्षा पतन्ति ।
4. हरि जगत् रक्षति ।
5. अहम् मातापितरौ प्रणमामि ।
D. Write all the three forms of the roots as directed:
1. पठ् – future tense third person. (अन्य पुरुष)
2. स्मृ – present tense second person. (मध्यम पुरुष)
3. पच् – present tense second person (मध्यम पुरुष)
4. लिख् – imperative third person. (अन्य पुरुष)
5. क्रीड् – future tense third person. (अन्य पुरुष)
E. Prepare one sentence from each of the following verbs:
1. वदतु 2. गच्छतु 3. पठानि 4. पठसि 5. पचति
4. Answer any **Five** of the following :(two to three sentences) 10
- A. Write last two Maheshwar Sutras.
B. Make one sentence each using the adjectives उष्ण and शीत.
C. Make one sentence each using the indeclinable यदा and तदा.
D. Write the form of present tense in second person of the following roots:
1. तिष्ठ् 2. अट् 3. पत् 4. गम्
E. Give detail identification of the forms:
1. अपठत् 2. वदसि
F. Give two example of Avyaya with their meaning.

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HUMAN ANATOMY - 1

Date :- 23-10-2018
Tuesday

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"& Describe Masanumasika Vriddhi. 10
2. Enlist the Bones of Lower Limb and Describe the Hip bone. 10

OR

Enlist the Bones of upper Limb and Describe the scapula.

3. Write short notes on any **Four** of the following : 20
- A. Biceps brachii.
B. Trachea.
C. Types of Bones.
D. Types of Sandhi.
E. Shadangatva of Sharira.
4. Answer any **Five** of the following :(two to three sentences) 10
- A. Write the Name of Carpal Bones.
B. What is Mediastirium?
C. Enlist the name of Germinallayers.
D. Define Sharira.
E. Location of Lungs.
F. How many Peshi are therein human body according to the ancient text.

SECTION-B

5. Give composition of Lymph & Describe "spleen". 10
6. Enlist the Organs of Digestive System & Write in Detailed about Stomach. 10

OR

Define Surface Anatomy & Detailed Study of Liver.

7. Write short notes on any **Four** of the following : 20
- A. Pancreas.
B. Vermiform Appendix.
C. Describe Rakta according to ancient context.
D. Gall bladder.
E. Heart.
8. Answer any **Five** of the following :(two to three sentences) 10
- A. Write the Length of Oesophagus.
B. What is SA node.
C. Write the function of Peritoneum.
D. Define Unduka.
E. Location of Grahani.
F. Location of Mitral Valve.

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HUMAN ANATOMY - 2

Date :- 24-10-2018
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. Define Marma and Describe kalantar Pranhar marma. 10
2. Describe Kidney in detail. 10

OR

Enlist Female reproductive organs and Describe Garbhashaya.

3. Write short notes on any **Four** of the following : 20
 - A. Explain testis & Epididymis.
 - B. Pituitary Gland.
 - C. Praman Sharira.
 - D. Parathyroid Gland.
 - E. Sadhaya Pranhara marma.
4. Answer any **Five** of the following :(two to three sentences) 10
 - A. Define Vaishalyakar marma.
 - B. Explain the path of blood supply in Ovary.
 - C. Location of Thyroid Gland.
 - D. What is Malphigian body.
 - E. Which Gland is responsible for lowering of Calciumion in the blood.
 - F. Give the name of Endocrine Gland.

SECTION-B

5. Define Srotas and describe UdakvahaSrotas. 10
6. Enlist the name of INDRIYAS and Describe Structure of Ear. 10

OR

Internal structure of eye including both chambers with diagram.

7. Write short notes on any **Four** of the following : 20
 - A. Cranial nerve & their function.
 - B. Skin.
 - C. Tongue.
 - D. Lumber and Sacral plexus.
 - E. Shatchakras.
8. Answer any **Five** of the following :(two to three sentences) 10
 - A. Name of Moolas of Annavaaha srotas.
 - B. Give the name of Bone in middle ear.
 - C. Full form of 1. CSF ,2. CNS.
 - D. Function of Cerebellum.
 - E. Name of Patala of eyes.
 - F. How many Pupillae are Present on tongue & name them.

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FIRST YEAREXAMINATION OCTOBER-2018

HUMAN PHYSIOLOGY - 1

Date :- 25-10-2018

Time :-10:00 a.m. to 01:00 p.m.

Thursday

Total Marks :- 100

Instructions: 1. Everyquestion is compulsory.

2. Every question bears the marks written on the right side.

SECTION-A

1. Mention the general features of "*Vata*", "*Pitta*" and "*Kapha Prakruti Purush*". 10
2. Concise about the cell physiology 10

OR

Concise about the "*Srotas*" concept

3. Write short notes on any **Four** of the following : 20
 - A. Explain about the "*Ekal Dhatu Poshana Nyaya*".
 - B. Define the term "*Agni*" and explain the function of "*Bhutagni*".
 - C. Define the term "*Sharira*" and mention its synonyms.
 - D. Mention the general location and normal functions of "*Pitta Dosha*".
 - E. Mention the types and general functions of "*Mana*".
4. Answer any **Five** of the following :(two to three sentences) 10
 - A. Mention the normal functions of "*Rakta Dhatu*".
 - B. Mention the normal functions of "*Majja Dhatu*".
 - C. Mention the normal functions of "*Bhrajak Pitta*".
 - D. Define about the term Physiology.
 - E. Mention the general location of "*Vata Dosha*".
 - F. Mention the normal functions of "*Tarpaka Kapha*".

SECTION-B

5. Explain the "*Nistha- Paka*" in detail 10
6. Explain about the cerebellum 10

OR

Explain the mechanism of blood pressure regulation.

7. Write short notes on any **Four** of the following : 20
 - A. Explain the Physiological relevance of Anaemia.
 - B. Explain the skeletal muscle functions.
 - C. Mention the Liver functions.
 - D. Mention the normal functions and types of WBC.
 - E. Explain the significance of blood grouping.
8. Answer any **Five** of the following :(two to three sentences) 10
 - A. Mention the names of cerebral cortex lobes.
 - B. Mention the proteolytic enzymes of Pancreas.
 - C. Mention the normal volume of Bile juice.
 - D. Mention the names of water soluble vitamins.
 - E. Mention the types of Blood cells.
 - F. Mention the names of "*Ahara-parinama-kara bhava*".

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FIRST YEAREXAMINATION OCTOBER-2018

HUMAN PHYSIOLOGY - 2

Date :- 26-10-2018
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. Describe ovary in detail. 10
 2. What is semen ? Describe spermatogenesis. 10
- OR**
- Explain the urine formation according to ancient texts.
3. Write short notes on any **Four** of the following : 20
 - A. Alveolar ventilation.
 - B. Pineal gland.
 - C. Functions of hormones of thyroid gland.
 - D. Veeryotpatti.
 - E. Process of respiration according to Sharangdhara Samhita.
 4. Answer any **Five** of the following : (two to three sentences) 10
 - A. Write the normal lung volume in a healthy male.
 - B. Which part of body plays an important role in the regulation of temperature ?
 - C. What is a gonadal hormone ?
 - D. What is parturition?
 - E. Enlist the hormones of pituitary gland.
 - F. What are pseudo hermaphrodites ?

SECTION-B

5. Write in detail about physiology of sleep. 10
 6. Define higher function and explain any one of them. 10
- OR**
- Describe the functions of Indriyas.(Jnanedriya and Karmendriyas)
7. Write short notes on any **Four** of the following : 20
 - A. Immune mechanism.
 - B. Swadhisthana Chakra.
 - C. Taste.
 - D. Ayurvedic concept of Bala.
 - E. Saraswati Nadi.
 8. Answer any **Five** of the following : (two to three sentences) 10
 - A. What is Stereognosis ?
 - B. Define hypothermia.
 - C. Write the site of Manipur chakra.
 - D. Dfine reflex.
 - E. Define Ojovyapada.
 - F. Enlist the functions of sympathetic nervous system.

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HISTORY OF YOGA AND NATUROPATHY

Date :- 29-10-2018
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 a detail introduction of Hatha Pradeepika. 10
2. Describe the origin and development of Yoga in India and abroad. 10

OR

Explain the concept of Yoga in Four Yogas by Swami Vivekananda.

3. Write short notes on any **Four** of the following : 20
 - A. Write a short notes on : Life sketch of Swami Kuvalyananda.
 - B. Describe the activities of Yoga Institute - Santacruz, Mumbai.
 - C. Write a short notes on : Life sketch of Swami Vivekananda.
 - D. Write a short notes on : Shiva Svarodaya.
 - E. Write a short notes on : Yoga and Kriya by Bihar School of Yoga.
4. Answer any **Five** of the following :(two to three sentences) 10
 - A. Write the author of book ' Asana, Pranayama, Mudra & Bandha.
 - B. Write the full form and place of M.D.N.I.Y.
 - C. Enlist any four books written by Swami Satyananda Saraswati.
 - D. Enlist the Yoga programmes conducted by Kaivalyadham Lonavala.
 - E. Write the place and the date of establishment of Maharshi Mahesh Yogi Foundation.
 - F. Enlist any two books written by Dharendra Brahmachary.

SECTION-B

5. Write the objectives and importance of Nisargopachara in Recent era. 10
6. Describe the contribution of Dr. J. H. Tilden to the field of Naturopathy. 10

OR

Write the details about Jindal Naturopathy Institute, Banglore.

7. Write short notes on any **Four** of the following : 20
 - A. Write a short note on : Nisargopachara and Ayurveda.
 - B. Describe the activities of CCRAS.
 - C. Write a short note on : Nisargopachara in Vedic literature.
 - D. Write a short note on : Life Sketch of Dr. Kulranjan Mukharji.
 - E. What is the contribution of Adolf Just in Naturopathy field?
8. Answer any **Five** of the following :(two to three sentences) 10
 - A. Enlist the books written by M.K. Gandhi in field of Naturopathy.
 - B. Write the year of establishment and place of C.C.R. Y.N.
 - C. Enlist the books published by Jindal Naturopathy Institute, Banglore.
 - D. Enlist any four therapies used in Traditional Naturopathy.
 - E. Write the full form and place of SVYASA.
 - F. Enlist any four activities of National Institute of Naturopathy (NIN), Pune.
