

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

FIRST YEAR EXAMINATION APRIL-2014

SANSKRUT

Date : 17-04-2014
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. Defining adverb, write its types and uses giving suitable examples. 10
2. Explain the उच्चारण स्थान (articulatory places) and प्रयत्न (effort). 10

OR

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

3. Answer any **Four** of the following : 20

A. Differentiating between विभक्ति and कारक, enumerate and enlist the कारक.

B. Give the Sanskrit word for the following :

1. Cat 2. Sun 3. Wife 4. Camel 5. Swan

C. Find out the verbs from the following sentences and identify them :

1. बालकेन कुक्कुरेण विभेति ।
2. अचिरम् एव सः अरोदत् ।
3. सूर्ये उदिते कृष्णः अगच्छत् ।
4. अग्नि शान्ति ।
5. मेघः आकाशे गर्जति ।

D. Write all the three forms of the roots as directed :

1. पच् - present tense first person (उत्तम पुरुष).
2. वन्द् - future tense second person (मध्यम पुरुष).
3. ताड् - imperative third person (अन्य पुरुष).
4. भाष् - imperfect tense (अनद्यतनभूत) first person (उत्तम पुरुष).
5. भिष् - potential (विध्यर्थ) first person (उत्तम पुरुष).

E. Translate the following verse in English and write process of Sandhi-Vichchheda of the underlined words :

किन्तु मद्यं स्वभावेन तथैवान्नं तथा स्मृतम् ।

अयुक्तियुक्तं रोगाय युक्तियुक्तं यथाऽस्मृतम् ॥

4. Answer any **Five** of the following : 10

A. Write the हल् प्रत्याहार Sutrani.

B. Make one sentence each using the adjectives ज्ञानी and गौरः.

C. Make one sentence each using the indeclinable प्रातः and बहिः.

D. Write the form of imperfect tense (अनद्यतनभूत) in first person (उत्तम पुरुष) of the following roots :

1. पठ् 2. नी (नय्) 3. सृज् 4. लभ्

E. Write the form of the following roots as directed :

1. दृश् (पश्य्) - present tense first person (उत्तम पुरुष).
2. दण्ड् - future tense second person (मध्यम पुरुष).

F. Define Noun (नामपद) with example.

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FIRST YEAR EXAMINATION APRIL-2014

SHAREERA RACHANA (HUMAN ANATOMY) - 1

Date : 19-04-2014
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. 'दोषधातु मलामूलं हि शरीरम् ।' Explain it. 10
 2. Describe Femour bone in detail. 10
- OR**
- Describe Humerus bone in detail.
3. Answer any **Four** of the following : 20
 - A. Write a short note on : Ear.
 - B. Write a short note on : Structure of Liver.
 - C. Abdominal nine regions.
 - D. Enlist the Structures of Pelvis.
 - E. Draw the structure of Eye.
 4. Answer any **Five** of the following : 10
 - A. Define Sharira.
 - B. Define Garbha.
 - C. Write the names of the chambers of the Heart.
 - D. Define Srotasa.
 - E. Write the names of the Dhatu.
 - F. Enlist the bones of the Upper limb.

SECTION-B

5. Enlist the organs of the Digestive system and describe the Stomach. 10
 6. Describe the structure of the Liver. 10
- OR**
- Describe the structure of the Kidney.
7. Answer any **Four** of the following : 20
 - A. Write a short note on : Gallbladder.
 - B. Write a short note on : Ureter.
 - C. Write a short note on : Spleen.
 - D. Write a short note on : Duodenum.
 - E. Write a short note on : Uterus.
 8. Answer any **Five** of the following : 10
 - A. Write the location of Appendix.
 - B. Auscultation triangle.
 - C. Enlist the parts of the External Ear.
 - D. Write the number of Cervical Vertebra.
 - E. Write the location of Fallopian tube.
 - F. Write the location of Prostate Gland.

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FIRST YEAR EXAMINATION APRIL-2014

SHAREERA RACHANA (HUMAN ANATOMY) - 2

Date : 21-04-2014
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. Describe the Pranavaha Srotasa in detail. 10
2. Enlist the organs of the female Reproductive system and describe Uterus in detail. 10

OR

Write the etymology and definition of Indriya and describe its various types.

3. Answer any Four of the following : 20
A. Write a short note on : Shatchakra.
B. Write a short note on : Ida and Pingala.
C. Write a short note on : Purishavaha Shrotasa.
D. Write a short note on : Thyroid gland.
E. Write a short note on : Kala.
4. Answer any Five of the following : 10
A. Write the anatomical location of Talahridaya Marma.
B. Define Rujakara Marma.
C. Write the numbers of the Mansa Marma.
D. Write the anatomical location of Sthapani Marma.
E. Write the name of the Moola of Annavaha Srotasa.
F. Write the anatomical location of Apalapa Marma.

SECTION-B

5. Enlist the Cranial nerves and describe the Optic nerve. 10
6. Describe the Autonomous Nervous System. 10

OR

Describe the Central Nervous System.

7. Answer any Four of the following : 20
A. Write a short note on : External genital organs of female.
B. Write a short note on : Adrenal gland.
C. Write a short note on : Dura matter.
D. Write a short note on : Thyroid gland.
E. Write a short note on : Mid brain.
8. Answer any Five of the following : 10
A. Write the location of Spleen.
B. Write the location of Heart.
C. Write the location of Parathyroid gland.
D. Write the anatomical position of Medulla oblongata.
E. Write the name of 5th and 7th Cranial nerve.
F. Write the location of Pineal gland.

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FIRST YEAR EXAMINATION APRIL-2014

SHARIR KRIYA (HUMAN PHYSIOLOGY INCLUDING BIO-CHEMISTRY) - 1

Date : 22-04-2014

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. Explain the importance of Dosha, Dhatu and Mala in Sharira Kriya. 10
 2. Describe the Rakta Dhatu with its functions. 10
- OR**
- Describe blood pressure.
3. Answer any Four of the following : 20
 - A. Write short note on : Body fluids.
 - B. Write short note on : Physiological relevance of anaemia.
 - C. Write short note on : Functions of Sukshma Sharira.
 - D. Write short note on : Normal functions of Kapha.
 - E. Describe the characteristics of Vata Vriddhi along with its causes.
 4. Answer any Five of the following : 10
 - A. What is inspiratory reserve volume ?
 - B. What is meant by Kshira Dadhi Nyaya ?
 - C. Enlist any four characteristics of Shukrasara Purusha.
 - D. Enlist the types of white blood cells.
 - E. What is meant by phagocytic action ?
 - F. What is the importance of knowing the blood group ?

SECTION-B

5. Explain the functions of liver. 10
 6. Describe the functions of large intestine. 10
- OR**
- Describe the regulatory mechanisms of urinary system.
7. Answer any Four of the following : 20
 - A. Describe the functions of skin.
 - B. Write short note on : Energy metabolism.
 - C. Write short note on : Vitamins.
 - D. Describe the functions of ovary.
 - E. Explain the male reproductive functions.
 8. Answer any Five of the following : 10
 - A. What is the average specific gravity of urine and its normal volume per day ?
 - B. Enlist the digestive enzymes present in gastric juice.
 - C. Name the primary sex organs in a female.
 - D. Enlist the functions of urinary bladder.
 - E. What is meant by succus entericus ?
 - F. Define Polyuria.

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FIRST YEAR EXAMINATION APRIL-2014

SHARIR KRIYA (HUMAN PHYSIOLOGY INCLUDING BIO-CHEMISTRY) - 2

Date : 23-04-2014
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 Manovaha Srotas and describe Manas Doshas with their functions. 10
2. Describe Ojas. 10

OR

Describe Shukrotpatti and Shukravaha Srotas.

3. Answer any Four of the following : 20
A. Write a short note on : Relation of Dosha and Agni.
B. Write a short note on : Swadhishthana Chakra.
C. Write a short note on : Vishuddhi Chakra.
D. Write a short note on : Dhatu Poshana Krama.
E. Write a short note on : Kapha Prakruti person.
4. Answer any Five of the following : 10
A. Enlist any four functions of Ida Nadi.
B. What is meant by Ubhayendriya ?
C. Enlist the general functions of Pitta.
D. Name the Kalas found in abdominal cavity and joints respectively.
E. Enlist any four functions of Oja.
F. Enlist the Mula of Raktavaha and Udakavaha Srotas respectively.

SECTION-B

5. Describe the classification of hormones and the mechanism of hormone actions. 10
6. Describe the effects of Ujjayi Pranayama on the functions of the respiratory system. 10

OR

Describe the effects of foot bath on the functions of the respiratory system.

7. Answer any Four of the following : 20
A. Write a short note on : Ovary.
B. Write a short note on : Physiology of reticular formation.
C. Write a short note on : Physiology of taste.
D. Write a short note on : Liver function tests.
E. Write a short note on : Electrolyte metabolism.
8. Answer any Five of the following : 10
A. Which clinical conditions can arise due to malfunctioning of pituitary gland ?
B. Write the full form of R.F.T.
C. Enlist the functions of neuron.
D. Enlist the functions of thalamus.
E. What is meant by stereognosis ?
F. Enlist the layers of an eye ball.

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BACHELOR OF NATUROPATHY AND YOGIC SCIENCES - (B.N.Y.S.)
FIRST YEAR EXAMINATION APRIL-2014
INTRODUCTION AND HISTORY OF YOGA

Date : 24-04-2014
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 historical development of Yoga from Vedic to modern era. 10
2. Write a detailed introduction to Patanjala Yoga Sutra. 10

OR

Describe the concept of Yoga according to Gheranda Samhita.

3. Answer any Four of the following : 20
A. Explain the definition : Yogaschittavrutti Nirodhah.
B. Explain the definition : Prana Apanayoh Aikyam.
C. Write a brief introduction to : Yoga Chudamani Upanishat.
D. Write a short note on : Glimpses of Yoga in Zoroastrianism.
E. Write a short note on : Glimpses of Yoga in Jain Religion.
4. Answer any Five of the following : 10
A. Write the objectives of Yoga.
B. Write any two examples about the existence of Yoga during the period of Rigveda.
C. Write the time period and the author of Yoga Vasishtha.
D. Write the time period and the author of Shiva Samhita.
E. Write the names of any four chapters of Shrimad Bhagavad Gita.
F. Write any two examples about the existence of Yoga in Iranian Culture.

SECTION-B

5. Describe Bhakti Yoga. 10
6. Describe the contribution of Kaivalyadharm, Lonavla to the science of Yoga. 10

OR

Describe the concept of revival of "Teacher - Disciple" method in modern age.

7. Answer any Four of the following : 20
A. Write a short note on : Laya Yoga.
B. Write a life sketch of Shri Krushna.
C. Write a life sketch of Swami Vivekananda.
D. Write a short note on : Relationship of Yoga with Physics.
E. Write a short note on : Educational system of Yoga in medieval era.
8. Answer any Five of the following : 10
A. Enlist the practices included in Nada Yoga.
B. Name any two works authored by Muni Gorakshanath.
C. Name any two works authored by Swami Swatmaram.
D. Write the time period and place of Swami Shivananda.
E. Name any two works authored by Shankaracharya.
F. Write the full form and place of establishment of C.R.I.Y.

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FIRST YEAR EXAMINATION APRIL-2014
FUNDAMENTS OF AYURVEDA - I

Date : 25-04-2014
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 the history of Ayurveda from Veda to modern era. 10
2. Write a brief description of Kashyapa Samhita and its contents. 10

OR

Describe the concept of Ayurveda according to Dhanvantari school.

3. Answer any **Four** of the following : 20
A. Write a short note on : Ayurveda and Roman culture.
B. Write a short note on : Commentaries on Charaka Samhita.
C. Write a short note on : Translation of Samhitas in modern era.
D. Write a short note on : Ayurveda in Bauddha religion.
E. Write a short note on : Ayurveda in Indus Valley civilization.
4. Answer any **Five** of the following : 10
A. What is meant by Jara Chikitsa ?
B. What are the objectives of Ayu ?
C. Write the name and time period of the author of Chakradatta.
D. Enlist any four names of Ayurvediya books written in the modern era.
E. Enlist any four Sthanas of Sushruta Samhita.
F. What is meant by Sukhayu ?

SECTION-B

5. Write the contribution of Benaras Hindu University, Varanasi in Ayurveda. 10
6. What is the national and global role of CCRAS in the promotion of Ayurveda ? 10

OR

Describe the importance of AYUSH therapies in WHO programmes in India.

7. Answer any **Four** of the following : 20
A. Write a short note on : Vd. Yadavji Trikamji Acharya.
B. Write a short note on : Ayurveda in ancient universities.
C. Write a short note on : Dr. P.M. Mehta and his contribution to Ayurveda.
D. Write a short note on : I.P.G.T.& R.A., Jamnagar.
E. Write a short note on : Tilak Ayurved College, Pune.
8. Answer any **Five** of the following : 10
A. Enlist any four qualities of a disciple.
B. Write any four functions of CCRYN.
C. Write any two examples proving the inclusion of physics in Ayurveda.
D. Enlist the works of Vd. Bruhaspatidev Triguna.
E. Write the time period and place of Maharshi Harita.
F. Write the time period and place of Pandit Madanmohan Malaviya.
