Instructions: 
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3) All questions are compulsory. 
4) The number to the right indicates full marks. 
5) Draw diagrams wherever necessary. 
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SECTION – A (45 Marks)

1. Short answer question (any five out of six):
   लघुप्रश्न (सहापैकी कोणतीही पाच):
   
   (5×3=15)

   a) नदीशब्दम् पूर्णरूपाणि लिखत।
   नदीशब्दांचे पूर्णरूपे लिहा।

   b) हिंदूपत्रां: भविष्यकालं (वृद्ध लकारसङ्ग) रूपाणि लिखत।
   हिंदूपत्रांतूर भविष्यकाललीक (वृद्ध लकारसङ्ग) रूपे लिहा।

   c) "कर्षिकारणयोस्तृतीया" सूत्र सोजहारण स्पर्शत।
   "कर्षिकारणयोस्तृतीया" सूत्र सोजहारण स्पर्श करत।

   d) सत्त्रांभं अनुवादं कुरूत/सत्त्रांभं अनुवादं करत।
   आदत्यस्य नमस्कारं ये कृपया दिने दिने।
   जन्मान्तरसहभस्के दारिद्र्यं नोपलावं।

P.T.O.
2. Short answer question (any six out of seven):

लघुपत्री ग्रन्थ (सातवें की कोण्टेही सहा) :

a) “शिवस् + अर्यः” ससुत्र सन्धि कुन।
   “शिवस् + अर्यः” सूत्रसह सन्धि करा।

b) “हलन्तयम्” सूत्र सोदाहरण सप्तयत।
   “हलन्तयम्” सूत्र सोदाहरण सप्तच।

c) “उरण हर्” सूत्र सोदाहरण सप्तयत।
   “उरण हर्” सूत्र सोदाहरण सप्तच।

d) “द्वितीय उपपद विभाषित” सोवाहरण सहडयत।
   “द्वितीय उपपद विभाषित” उदाहरणासह सप्तच।

e) “मूर्गा” वर्णयत।
   “मूर्गा” वर्णन करा।

f) “लोभविच्छेदक्रियकथायय” आद्यान्तलोको सुसंपदेलिखत।
   “लोभविच्छेदक्रियकथायय” आद्यान्तलोक सुसंपदेलिखाँ।

g) अशुद्धि संसोधन शुद्ध वाचकयनी लिखत।
   अशुद्धि संसोधन कहल शुद्ध वाचकयलिखाँ।
   i) भवानु कथां चारण विभेदित।
   ii) पिता पुत्र कूड्थतित।
   iii) नेत्रस्त्र काण।

iv) अट्टहदश पुराणान्तं स्यास्तं वचनमयम्।

v) धन्यतारी नाम:
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SECTION – A (45 Marks)

1. Short answer question (any five out of six):
   (5×3=15)

   a) नदीरघ्नस्य पूर्णरूपणं लिखत ।
      नदीरघ्नस्य पूर्णरूपणं लिखत ।

   b) हितृपातोऽभिभविष्कालवस्तु (त्रृषो कलाकांस्य) स्पष्टति लिखत ।
      हितृपातोऽभिभविष्कालवस्तु (त्रृषो कलाकांस्य) स्पष्टति लिखत ।

   c) "कर्करण्योत्तृष्टीयः" सूत्र सौदाहरण स्पष्टत : "कर्करण्योत्तृष्टीयः" सूत्र सौदाहरण स्पष्टत करतः.

   d) साक्षर्य अनुवादः कुलत्व/साक्षर्य अनुवादः करतः.
      आद्विन्य नमस्तां ते कुलत्विं दिने दिने ।
      अम्मानात्सहवेष्य चारिकायो नोपवादयेते ॥

P.T.O.
2. Short answer question (any six out of seven):

लघुतरी प्रश्न (सातवेंकी कोणतेही सहा):

a) "शिवस् + अर्थः" समूह संधिक कुरु।
   "शिवस् + अर्थः" सूत्रसह संधि करा।

b) "हलस्यम्" सूत्र सोवाहरण स्फट्तत।
   "हलस्यम्" सूत्र सोवाहरण स्फट्त।

c) "उर्ण रफळ" सूत्र सोवाहरण स्फट्तत।
   "उर्ण रफळ" सूत्र सोवाहरण स्फट्त करा।

d) "द्वितीया उपपद विभक्तिः" सोवाहरण स्फट्तत।
   "द्वितीया उपपद विभक्तिः" उवाहरणसह स्फट्त करा।

e) "मुग्याः" वर्णयंत।
   "मुृग्याः" वर्णन करा।

f) "लोमाविधसंधज्ञायाः।" आद्यशतोको सुस्पष्ट स्फटत।
   "लोमाविधसंधज्ञायाः।" आद्यशतोक सुस्पष्ट लिखत।

g) अमुरुः संस्कटिक्ष्मा शुद्ध वाक्यानि लिखत।
   अमुरुः संस्कतिक्ष्मान करत्र शुद्ध वाक्य लिखता।
   i) भवान् कर्षण चरित्रं विमेधित।
   ii) विद्धं पुनः कृष्यति।
   iii) कृतस्वर काण।

iv) अमदश पुरुषातु भौसास्य वचनस्यम्।

v) पन्वनानी नमः।
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1. 1) Short answer question (any 5 out of 6): (5x3=15)
   a) 'चतुर्विनश्ठिति पुरुष'
      'Chaturvinshathic Purush'
   b) विशाल्यत्व मर्म
      Vishalyaghna Marma
   c) 'शुद्ध आर्तव'
      'Shuddha Artav' (According to Ayurved)
   d) कर्म पुरुष
      Karma Purush
   e) 'डौहुड'
      'Dvaughrud'
   f) 'पेशी व्याख्या, प्रकार (आधुनिक दासुसार)'.
      Definition of Muscles and types (According to Ayurved).
2. Short answer question (any six out of seven):

a) अपरा
   Placenta

b) प्रतिहारणी सिरा
   Portal vein

c) सद्यप्राणहर मर्म
   Sadya Pranahar Marma

d) अंत:प्रकोष्ठास्थिचे अस्थिभवन व व्यवहार शारीर
   Ossification and applied anatomy of Radius

e) सप्त त्वचा
   'Sapta Tvacha'

f) पृष्ठच्छेद पेशी'
   Trapezius Muscle

g) इंत्रिय व्याख्या व प्रकार
   Definition and types of ‘Indriya’

3. Long answer question (any 3 out of 4):

a) गर्भाची व्याख्या तिहून, गर्भस्थ रक्तसंवधन सविस्तर सचित्र वर्णन करा.
   Define ‘Garbha’ and write in detail about fetal circulation with diagrams.

b) संपंची व्याख्या संगृः जानुसंधिचे सचित्र सविस्तर वर्णन करा व व्यवहार शारीर लिहा.
   Define Sandhi and describe ‘Knee joint’ in detail with diagrams and Applied Anatomy.

c) सिरा व धमानीची व्याख्या व त्यातील भेद लिहून हदयाच्या दक्षिण निलयाचे सचित्र सविस्तर करा व व्यवहार शारीर लिहा.
   Define ‘Sira’ and ‘Dhamani’, write difference between sira and Dhamani and describe ‘right ventricle’ in detail with diagrams and applied anatomy.

d) ‘श्रोणिफळकाचे’ सचित्र, सविस्तर वर्णन करा व व्यवहार शारीर लिहा.
   Describe ‘Hip bone’ in detail, with diagrams and write applied anatomy.
Instructions: 1) Use blue/black ball point pen only.
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3) All questions are compulsory.
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SECTION - A

1. Short answer question (any five out of six).
   कौनसा पुंछ प्रश्नांक थोड़क्यात उत्तरे लिहा.
   a) द्वार सीता (Porta Hepatis)
   b) पुष्प न्यूक्लियल (Male Urethra)
   c) गर्भाशय बंध नावें (Ligaments of Uterus)
   d) आमाशय नक्त पृवक्त (Blood supply of stomach)
   e) मल्सिक सेटु (Corpus callosum)
   f) महाप्राचीरा पेशी (Diaphragm).

2. Write answer in short (any six out of seven).
   थोड़क्यात उत्तरे लिहा (5 पैकी कौनसा ही 6).
   a) हातचुंबक रेखें (Surface anatomy of heart)
   b) उदरावरण कला (Peritoneum)
   c) लघुप्या-भूतक्षेत्र (Difference between small intestine and large intestine)
3. Write answer in detail (any three out of four).

Kośalbahāṁ tīṁ pāraṁcharī samīśtar utarē līha.

a) Aāṣamnitk mātāヌsār ‘netr śaṁgīr’ samīśtar, sāṛch līha.
   Write in detailed with diagram of “Eye ball”. According to modern science.

b) Aāṣamnitk mātāヌsār vūkk samīśtar līha.
   Write kidney in detail in modern science.

c) Suṃmaṅkaṅd sāṛch samīśtar līha.
   Write in detail with diagram of spinal cord.

d) vṛkṛt śaṁgīr aāṣamnitk mātāヌsār samīśtar līha.
   Write in detail about liver according to modern science.
KRIYA SHARIR – I

Duration : 3 Hours

Total Marks : 90

Instructions: 1) Use blue/black ball point pen only.

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3) All questions are compulsory.

4) The number to the right indicates full marks.

5) Draw diagrams wherever necessary.

6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any part’s syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

SECTION – A

1. Short answer questions (any five out of six) : (5x3=15)

a) सुप्रसंवेदित शारीर ज्यादा स्पष्ट करा.
   Define sharir according to sushruta.

b) कृत्रिम ध्वसन महत्त्व कौ? कोणताही एक विधी लिहा.
   What is artificial respiration? Describe any one method.

c) जीवनीय इव्व दी चै दैनिक आवश्यकता व कमतरतेची लक्षणे लिहा.
   Write the daily requirement and deficiency sign's of Vitamin D.

d) हायपोथालामस चे कार्य लिहा.
   Write the functions of Hypothalamus.

e) पितोधाचे स्थान संग्रह व वृद्धी लक्षणे लिहा.
   Write the Sthana and Vrudhi lakshana's of Pitta dosha.

f) त्रिगुण व त्रिदोष, त्रिदोष व पंचमहाभूत यांचा संबंध स्पष्ट करा.
   Write the mutual relation in Triguna-Tridosha and Tridosha-Panchmahabhuta.
Instructions:
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3) All questions are compulsory.
4) The number to the right indicates full marks.
5) Draw diagrams wherever necessary.
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

SECTION – A

1. Short answer questions (any five out of six) : 

a) सुधुतोकत शरीर व्याख्या स्पष्ट करा.
Define sharir according to sushruta.

b) कृतिम ध्वसन म्हणजे काय ? कोणताही एक विधी लिहा.
What is artificial respiration? Describe any one method.

c) जीवनीय उद्देश्य दी ची दैनिक आवश्यकता व कमतरतेची लक्षणे लिहा.
Write the daily requirement and deficiency sign's of Vitamin D.

d) हायपोथलेमस चे कार्य लिहा.
Write the functions of Hypothalamus.

e) पित्तवस्थेचे स्थान सांपूर्ण व वृद्धी लक्षणे लिहा.
Write the Sthana and Vrudhi lakshana's of Pitta dosha.

f) त्रिगुण व त्रिदोष, त्रिदोष व पंचमहाभूत यांचा संबंध स्पष्ट करा.
Write the mutual relation in Triguna-Tridosha and Tridosha-Panchmahabhuta.
2. Short answer questions (any six out of seven):

a) र्नेक व बोधक कफाचे कार्य लिहा.
   Write the functions of Shloshak and Bodhak Kapha.

b) अनिचे प्रकार सांगून व जाठरानिचे महत्त्व लिहा.
   Write the types of Agni and explain importance of Jatharagni.

c) पाचक व रंजक पिताचे स्थान व कार्य लिहा.
   Write the sthana and karya of Pachak and Ranjak pitta.

d) आहारातील व्याध्य सांगून त्याचे वर्गीकरण लिहा.
   Write the definition of Ahara and classification of Ahara.

e) स्वस्त म्हणजेचाय सांगून त्याचे न्यूल्य व कॅमिकल कंट्रोल लिहा.
   What is respiration? Write the neural and chemical control of respiration.

f) प्रकृतीची व्याध्य सांगून तामस प्रकृतीची लक्षणे लिहा.
   Define prakruti and write the Lakshana's of Tamas prakruti.

g) पद्मृंगाकाळाचे महत्त्व सांगून स्थानसंश्च व भेद अवस्था लिहा.
   Write the importance of shatkriyakala and describe sthansanshray and Bhed Avastha.

SECTION - B

3. Long answer questions (any three out of four):

a) पचन म्हणजे काय सांगून लहराणांतर्गत पचन सर्वस्था वर्णन करा?
   What is digestion and describe the digestion in small intestine.

b) आहारविधीविषेणाला सर्वस्था वर्णन करा व त्याचे महत्त्व विशद करा.
   Describe Aharvidhivisheshayatana and write its importance in detail.

c) आयुर्वेद व आयुर्विज्ञानाच्या रूपांतरण प्रक्रिया सर्वस्था लिहा.
   Describe in detail process of “Rupgrahan” according to Ayurved and Modern Science.

d) वातदोषाचे निरुक्त,स्थान, गुण, कर्म, पर्याय, प्रकार व वृद्धी क्षय लक्षणे सर्वस्था लिहा.
   Write the Nirukti, Sthana, Gun, Karma, Paryaya, Types, Vrudhi kshaya lakshana of Vata dosha.
KRIYA SHARIR – II

Duration: 3 Hours  
Total Marks: 90

Instructions: 1) Use blue/black ball point pen only.
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   to resort to unfair means.
3) All questions are compulsory.
4) The number to the right indicates full marks.
5) Draw diagrams wherever necessary.
6) Distribution of syllabus in Question Paper is only meant to cover
   entire syllabus within the stipulated frame. The Question paper
   pattern is a mere guideline. Questions can be asked from any
   paper's syllabus into any question paper. Students cannot claim
   that the Question is out of syllabus. As it is only for the placement
   sake, the distribution has been done.

SECTION – A  
(45 Marks)

1. Short answer question (five out of six):  
   (5x3=15)
   a) हिमोलोजीनचे प्रकार लिहा.
      Write types of 'Haemoglobin'.
   b) आयुस्विक मतातस्फ त्वचेचे कार्य संगा.
      Explain functions of skin.
   c) अस्थिक्षय लक्षणेचे लिहा.
      Write the lakshanas of 'Asthikshaya'.
   d) हृदय पेशीचे लक्षण लिहा.
      Write characteristics of cardiac muscles.
   e) बलाचे प्रकार लिहा.
      Write types of 'Bala'.
   f) शुद्ध स्तन्याची लक्षणेचे लिहा.
      Write down features of 'Shuddha Stanya'.

P.T.O.
2. Short answer questions (any six out of seven):
   a) सास्वंभावतीत् व्यान्त्वातुरु प्रचलित लिखिता.
      Write importance of ‘Vyanvayu’ in ‘Rasasamvahana’.
   b) निद्रा उपचराय व प्रकार लिखिता.
      Write Utpatti of ‘Nidra’ and its types.
   c) कृत्रिम स्वस्थनाथ्या पद्तती धोक्षक्यात्तिलिखिता.
      Write methods of Artificial Respiration in short.
   d) शुद्ध शुद्धालक्षणे लिखिता.
      Write Shuddha Shukra Lakshanans.
   e) मांस पेशीचे आकुणाचन-प्रसरण क्रिया लिखिता.
      Write physiology of muscle contractions.
   f) आहार मलांची नवे सांगुन, प्रथमेक आहार मलाचे कार्य सांगा.
      Enumerate ‘Ahamala’ and explain functions of each ‘Ahamala’.
   g) उपाधुंतुन्ती नवे सांगुन ‘वासा’ या उपाधुंतुर्वर्णन करा.
      Enumerate ‘Upadhatu’ and describe ‘Vasa’ upadhatu.

SECTION – B

3. Long answer questions (any three out of four):
   a) मन्त्र धातुचे स्थान, गुण, कर्म व क्षय-बृद्धि लक्षणे लिखिता.
      Write down the site, properties, functions and kshaya-vridhdi lakshanans of ‘Majdhatu’.
   b) व्यापीविशेषतः व्याध्या सांगुन त्याचे प्रकार वर्णन करा.
      Define ‘Immunity’ and its types in detail.
   c) स्वेदाचे कार्य सांगुन स्वेदत्तत्त्वी व स्वेद बृद्धी-क्षय लक्षणे वर्णन करा.
      Explain functions of sweda, its formation and vridhdi-kshaya lakshanans.
   d) मनाचे स्वरुप, लक्षण, गुण, कर्म व विषय सविस्तर वर्णन करा.
      Describe swarupa, lakshana, guna, karma and vishaya of ‘Mana’ in detail.
MAULIK SIDDHANT AVUM ASTANG HRIDAYA

Duration: 3 Hours
Total Marks: 90

SECTION – A & SECTION – B

Instructions: 1) Use blue/black ball point pen only.
2) Do not write anything on the blank portion of the question paper.
   If written anything, such type of act will be considered as an attempt to resort to unfair means.
3) All questions are compulsory.
4) The number to the right indicates full marks.
5) Draw diagrams wherever necessary.
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper’s syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

SECTION – A

(45 Marks)

1. Short answer question (any five out of six):
   (5x3=15)

   a) दंतधावन बिधी लिहा.
      Write down dantadhawan vidhi.

   b) आमदोष लक्षणों.
      Characteristics of Aamdosha.

   c) अनाग्नेय स्वेद प्रकार लिहा.
      Write types of Anagneya sweda.

   d) शास्त्र लक्षण.
      Shastra Lakshana.

   e) विसूचिका लक्षण व चिकित्सा लिहा.
      Write down Lakshan of Visuchika and its chikitsa.

   f) प्रभाव म्हणजे काय?
      What is Prabhava?
2. Short answer question (any six out of seven):
   a) रस–दोष संबंध लिहा.
      Write about relation of Rasa and Dosha.
   b) स्पष्ट करा– अल्पेड्पिप चेस्टिते श्रावं स्फळकस्तनोदरम्बनम्।
      Explain- अल्पेड्पिप चेस्टिते श्रावं स्फळकस्तनोदरम्बनम्।
   c) पित्त्योष कर्म लिहा.
      Write down the Karma of Pittadosha.
   d) बास्ति चे प्रकार लिहा.
      Write types of Basti.
   e) अपत्त्य योग्य रोग–रोगी?
      Roga-Rogi treat by Apatarpan.
   f) प्रतिमर्श नस्त्य काल.
      Pratimarsha Naysa Kala.
   g) आज्ञाकृत्य लक्षण
      Ojakshaya lakshana.

3. Long answer question (any three out of four):
   a) दोषा: कदाचित्कुप्यति जिता लघुस्पर्शस्य:
      ये तु संस्कीर्तने: गुरु न तेषा पुनर्गतनेऽवः।
      Explain the above Shloka with reference and write the definition and types of Shodhan-Shaman in brief.
   b) बात दोषाचे गुण, प्रकार, स्थान, कर्म लिहून त्यांचे चिकित्सा उपक्रम सविस्तर लिहा.
      Write guna, types, sthana, karma of Vata dosha and describe its chikitsa upakram.
   c) आदानकाल व विसार्कालाचे वर्णन करून बसंत अतुत्त्यया सविस्तर लिहा.
      Describe Aadankala and Visargakala and write Vasant Rutucharya in brief.
   d) विरेचन योग्य अयोग्य रोगी लिहून विरेचन विधी सविस्तर वर्णन करा.
      Write Virechana Yogya and Ayogya Rogi and explain Virechan vidhi in detail.
SANSKRIT

Duration: 3 Hours

Total Marks: 90

Instructions: 1) Use blue/black ball point pen only.
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to resort to unfair means.
3) All questions are compulsory.
4) The number to the right indicates full marks.
5) Draw diagrams wherever necessary.
6) Distribution of syllabus in Question Paper is only meant to cover
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SECTION - A

(45 Marks)

1. केषानै पुष्च प्रस्नानं उच्चारणि लिखत।
   कोणत्वादन पा प्रस्नान्चि उत्तरे लिखाः
   a) जौर्यस्य जीर्यत: केषा दन्ता जीर्यान्ति जीर्यत:।
      चतु: कोन्ते च जीर्यते तुषण्या तरुणयायते॥
      ससंदर्भं अनुवादयते॥
   b) निवाने माधव: श्रेष्ठ: सुनस्यने हु वाक्षत:।
      गातेर सुक्तः: श्रेष्ठ चकृस्व चिकित्सिते॥
      ससंदर्भं अनुवादयते॥
   c) नास्ति मेघसंग तोन्य नास्ति चाल्लसंग बसम्।
      नास्ति चतु:समं तेजः: नास्ति धान्यसंग प्रियम्॥
      ससंदर्भं अनुवादयते॥
   d) 'भादु' सादस्य संपूर्ण रूपाणि।
   e) 'विद्' धातो: सद् सकारस्य रूपाणि लिखत।
   f) नदीमिरच। सोदाहरण लिखत।

P.T.O.
2. केषाम्बि चतु प्रस्नानि उत्तरत।
   कोणतर्था शहा प्रस्नांची उत्तरे लिहा।
   a) अभिकरण कारक समाधित।
   b) कवांनी उच्चारण स्थानानि।
   c) इदिरादेव एवं इदिरेचि सोवाहरण संपूर्णत।
   d) ‘अच्छीकुमारस्य’ कर्मणि।
   e) पंचविंद शोच ससूत्र वर्णयत।
   f) ‘चिकित्सा नास्ति निःकसा’ ससूत्र वर्णयत।
   g) अषुरि संस्थोध्य कृत्वा शुद्ध वाक्यानि पुनः लिखत।
      1) नेत्रस्य काळः।
      2) किंचि गां दतानि।
      3) स: जलाय मुखं प्राप्त्यत।
      4) गंगाय यमुनाचे चान्तरा प्रयागराजः अस्ति।
      5) अष्टादश पुराणात्वं समस्तव्यचन्द्रम।

3. केषाम्बि त्रीणि प्रस्नानि उत्तरत।
   कोणतर्था तीन प्रस्नांची उत्तरे लिहा।
   a) ‘व्यायमविकारायम’ अध्यायस्य सारांस: सतिस्तर लिखत।
      ‘व्यायमविचारविकारायम’ अध्यायाचा सारांश सतिस्तर लिहा।
   b) ‘हलसंपर्ये:’ केषाम्बि पंचसुखराणि सोवाहरणेण लिखत।
      हलसंपर्ये तीत कोणतीही पाच सूत्रे उदाहरणासहीत लिहा।
   c) ‘व्यधिकरण नतुरूप ‘समस्तस्य भेदः सोवाहरणेण लिखत।
      व्यधिकरण ततुरूप समस्तस्य भेद उदाहरणः सहित लिहा।
   d) 1) ‘आदयन्तु स्त्रोतकलक्षिष्ठा कथा मातृभाषयां लिखत। व्राहणी नक्कुल कथा।
      आदि अथः स्त्रोतकलक्षिष्ठा व्राहणी-नक्कुल कथा मातृभाषयेत लिहा।
      2) “पितृप्रकृतिः” स्पष्टत।
      पितृप्रकृती स्पष्ट करता।
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1. 1) Short answer question (any 5 out of 6) : (5×3=15)

   a) ‘चतुर्विशातिक पुरुष’
      ‘Chaturvishathic Purush’

   b) विशाल्यग्न मर्म
      Vishalyagna Marma

   c) ‘शुद्ध आर्तव’ (According to Ayurved)
      ‘Shuddha Artav’ (According to Ayurved)

   d) कर्म पुरुष
      Karma Purush

   e) ‘दीहुरुद’
      ‘Dvauhrud’

   f) पेशी व्याख्या, प्रकार (आयुर्भाद्यातूतार).
      Definition of Muscles and types (According to Ayurved).
2. Short answer question (any six out of seven):
   a) अप्त
      Placenta
   b) प्रतिहारणी सिरा
      Portal vein
   c) सद्यप्राणहर शरीर
      Sadya Pranahar Marma
   d) अंतःप्रकोष्ठसिद्धिवेच अस्तीभवन व व्यवहार शारीर
      Ossification and applied anatomy of Radius
   e) सप्त त्वचा
      'Sapta Tvacha'
   f) 'पूनच्छद शेषी'
      Trapezius Muscle
   g) इंद्रिय व्यक्ता व प्रकार
      Definition and types of 'Indriya'

3. Long answer question (any 3 out of 4):
   a) गर्भारी व्यक्ता शितुनः गर्भस्थ रक्तसंवहन संविक्षर सचित्र वर्णन करा.
      Define ‘Garbha’ and write in detail about fetal circulation with diagrams.
   b) संधिची व्यक्ता सांगुन जानुसंधिचे सचित्र संविक्षर वर्णन करा व व्यवहार शारीर लिहा.
      Define Sandhi and describe 'Knee joint' in detail with diagrams and Applied Anatomy.
   c) सिरा व धमणीची व्यक्ता व त्यातील भेद शितुन हृदयाच्या दक्षिण मित्राचे सचित्र संविक्षर वर्णन करा व व्यवहार शारीर लिहा.
      Define ‘Sira’ and ‘Dhamani’, write difference between sira and Dhamani and describe 'right ventricle' in detail with diagrams and applied anatomy.
   d) 'षोणिलकाद्वेच' सचित्र, संविक्षर वर्णन करा व व्यवहार शारीर लिहा.
      Describe ‘Hip bone’ in detail, with diagrams and write applied anatomy.
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SECTION – A

1. Short answer questions (any five out of six):

   a) सुश्रुतोक्त शारीर व्याख्या संपूर्ण करा.
      Define sharir according to sushruta.

   b) कृत्रिम ध्वसन महणु जाय कोणताही एक विधी लिहा.
      What is artificial respiration? Describe any one method.

   c) जीवनीय त्रक्य द्वारा ची दैनिक आवश्यकता व कमतरतींची लक्षणे लिहा.
      Write the daily requirement and deficiency sign's of Vitamin D.

   d) हायपोथलामस चे कार्य लिहा.
      Write the functions of Hypothalamus.

   e) पितल्लोषिय स्थान सांगून व बृद्धी लक्षणे लिहा.
      Write the Sthana and Vruda lakshana's of Pitta dosha.

   f) त्रिगुण व त्रिदौष, त्रिदौष व पंचमहाभूष यांचा संबंध स्पष्ट करा.
      Write the mutual relation in Triguna-Tridosha and Tridosha-Panchmahabhuta.
2. Short answer questions (any six out of seven):

a) श्लेषक व बोधक कफाचे कार्य लिहा.
   Write the functions of Shleshak and Bodhak Kapha.

b) अग्नि चे प्रकार सांगून व पालाण्न चे महत्व लिहा.
   Write the types of Agni and explain importance of Jatharagni.

c) पाचक व रंजक पिताचे स्थान व कार्य लिहा.
   Write the shhana and karya of Pachak and Ranjak pitta.

d) आहाराचे ब्यायांचे सांगून त्वाचे वर्गीकरण लिहा.
   Write the definition of Ahara and classification of Ahara.

e) रससंगूने काय सांगून त्वाचे न्यूरल व कैमिकल कंट्रोल लिहा.
   What is respiration? Write the neural and chemical control of respiration.

f) प्रकृतीच्या ब्यायांचे सांगून तात्पर्य प्रकृतीची लक्षणे लिहा.
   Define prakruti and write the Lakshana's of Tamas prakruti.

g) शक्त्रियाकालाचे महत्त सांगून स्थानसंग्रह व भेद अवस्था लिहा.
   Write the importance of shatkriyakala and describe sthansanshray and Bh Avastha.

SECTION - B

3. Long answer questions (any three out of four):

a) पचन महणजे काय सांगून सहयोगांत चन सविस्तर वर्णन करा?
   What is digestion and describe the digestion in small intestine.

b) आहारविविधविशेष्यांते सविस्तर वर्णन करा व स्वांचे महत्त्व विशद करा.
   Describe Aharvidhivisheshayatana and write its importance in detail.

c) दातुषोंद व आधुनिकानुसार रुपग्रहण प्रक्रिया सविस्तर लिहा.
   Describe in detail process of “Rupgrahan” according to Ayurved and Modern Science.

d) वात्रोषयाचे निरुक्त, स्थान, गुण, कर्म, विधि, प्रकार व वृद्ध क्षय लक्षणे सविस्तर लिहा.
   Write the Nirukti, Sthana, Guna, Karma, Paryaya, Types, Vrudhi kshaya lakshan of Vata dosha.
KRIYA SHARIR – II

Duration: 3 Hours

Instructions: 1) Use blue/black ball point pen only.
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3) All questions are compulsory.
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SECTION – A

(45 Marks)

1. Short answer question (five out of six):

   a) हिमोग्लोबिनचे प्रकार लिहा.
      Write types of 'Haemoglobin'.

   b) आधूनिक मतानुसार ल्याविचे कार्य संगा.
      Explain functions of skin.

   c) अस्थिक्षय लक्षणे लिहा.
      Write the lakshanas of 'Asthikshaya'.

   d) हृद पेशीचे लक्षण लिहा.
      Write characteristics of cardiac muscles.

   e) बलाचे प्रकार लिहा.
      Write types of 'Bala'.

   f) शुद्ध स्तन्याची लक्षणे लिहा.
      Write down features of 'Shuddha Stanya'.

(5x3=15)
2. Short answer questions (any six out of seven):
   a) रससंवहनातीतल व्यानवादूंचे महत्त्व लिहा.
       Write importance of ‘Vyanvayu’ in ‘Rasasamvahana’.
   b) निध्रा उत्पत्ती व प्रकार लिहा.
       Write Utpatti of ‘Nidra’ and its types.
   c) कृतिम स्वस्थनाच्या पद्धती धोडळ्यात लिहा.
       Write methods of Artificial Respiration in short.
   d) शुद्ध शुक्लकृत्तें लिहा.
       Write Shuddha Shukra Lakshananas.
   e) मात देशी येथीच्या आकुं चन-प्रसरण क्रिया लिहा.
       Write physiology of muscle contractions.
   f) आहार मलाचेची नवे सांगून, प्रत्येक आहार मलाचे कार्य सांगा.
       Enumerates ‘Aharmala’ and explain functions of each ‘Aharmala’.
   g) उपधातुंची नवे सांगून ‘वसा’ या उपधातुंचे वर्णन करा.
       Enumerates ‘Upadhatu’ and describe ‘Vasa’ upadhatu.

SECTION – B

3. Long answer questions (any three out of four):
   a) मज्जा धातुंचे स्थान, गुण, कर्म व क्रय-वृद्धी लक्षणे लिहा.
       Write down the site, properties, functions and kshaya-vriiddhi lakshananas of ‘Majjadhrtu’.
   b) व्याधीमत्तच्या व्याध्याय सांगून त्याचे प्रकार वर्णन करा.
       Define ‘Immunity’ and its types in detail.
   c) स्वेदाचे कार्य सांगून स्वेददृष्टी व स्वेद बुद्धी-क्रय लक्षणे वर्णन करा.
       Explain functions of sweda, its formation and vriiddhi-kshaya lakshananas.
   d) मनाचे स्वरूप, लक्षण, गुण, कर्म व विषय सविस्तर वर्णन करा.
       Describe swarupa, lakshana, guna, karma and vishaya of ‘Mana’ in detail.