

QP Code:

Reg. No.:.....

**First Professional BAMS Degree Examination**

(Model Question Paper) 2012 Scheme

**PADARTHAVIJNANA – I**

Time: 3 hrs

Max. Marks: 100

- *Answer all questions*

**Essays:**

**(2x10=20)**

1. Define and classify darsana (दर्शन). Explain influence of sankhyadarsana (सांख्यदर्शन) and vaisheshikadarsana (वैशेषिकदर्शन) on ayurveda. (2+3+5)
2. Define samanya (सामान्य) and visesha (विशेष). Explain its classification. State the significance of samanaya-visesha sidhanta(सामान्य विशेष सिद्धान्त) in ayurveda. (4+3+3)

**Short Notes:**

**(10x5=50)**

3. Define padartha(पदार्थ). Enlist padarthas accepted in ayurveda.
4. Define dravya (द्रव्य). Differentiate kaaranadravya (कारणद्रव्य) from kaaryadravya (कार्यद्रव्य).
5. Explain prithweemahabhuta (पृथ्वीमहाभूत) according to tarkasangraha (तर्कसंग्रह).
6. Explain panchekarana (पञ्चीकरण)
7. Enumerate atmalinga (आत्मलिङ्ग) explained in charakasamhita (चरकसंहिता).
8. Define kaala (काल) and explain its importance in ayurveda.
9. Explain role of manas (मन) in jnanotpatti (ज्ञानोत्पत्ति)
10. Define and classify guna (गुण) according to charakasamhita (चरकसंहिता)..
11. Define and classify karma (कर्म)
12. Explain concept of ayutasidhavritti (आयुतसिद्धवृत्ति)

**Answer briefly:**

**(10x3=30)**

13. Define ayus (आयुः)
14. Define ayurveda.
15. Enlist nityadravya (नित्यद्रव्य)
16. Explain karmapurusha(कर्मपुरुष)
17. Differentiate chetana (चेतन) and achetana dravya (अचेतन द्रव्य)
18. Define and classify rupa (रूप)
19. Enlist gurvadiguna (गुर्वादिगुण)
20. Enlist atmamatra gunas (आत्ममात्रगुण)
21. Classify samskara(संस्कार)
22. Classify abhaava (अभावं)

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**PADARTHAVIJNANA – II**

Time: 3 hrs

Max. Marks: 100

- **Answer all questions**

**Essays:**

(2x10=20)

1. Define pramaana(प्रमाण). Enumerate pramaana(प्रमाण) according different philosophies. Explain the importance of pareeksha(परीक्ष) in Ayurvedic treatment. (3+4+3)
2. Define pratyaksha(प्रत्यक्ष). Explain six types of indriyarthasannikarsha(इन्द्रियार्थसन्निकर्ष). Explain limitation of pratyaksha(प्रत्यक्ष). (3+4+3)

**Short Notes:**

(10x5=50)

3. Saktigrahopayas (शक्तिग्रहोपायं)
4. Concept tulyayonitva (तुल्ययोनित्वं)
5. Paramarsa(परमर्श)
6. Panchavayava vakya(पंचावयवा वाक्य)
7. Satpratipaksha hetu(सत्प्रतिपक्षहेतु)
8. Yukti(युक्ति) with suitable examples
9. Three types of kaarana(कारणं)
10. Utility of upamana(उपमानं) in ayurveda.
11. God of medicine.
12. Drugs and cosmetic act.

**Answer briefly:**

(10x3=30)

13. Enlist trayodasa karana (त्रयोदशकर्ण)
14. Explain alaukikapratyaksha (अलौकिकप्रत्यक्षं)
15. Classify vyapti (व्याप्ति)
16. Explain asatkaaryavaada(असत्कार्यवा)
17. Explain peelupaaka(पीलुपाकं)
18. Contributions of Vagbhata.
19. Chakrapaanidatta.
20. WHO.
21. • Author of Sarvangasundara commentary. • Expand AYUSH. • Year of establishment of CCIM
22. • Author of pratyakshasareera. • Year of constitution of Chopra committee. • Name of commentary on Susruta samhita written by Dalhana

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**First Professional BAMS Degree Examination**

(Model Question Paper) 2012 Scheme

**SANSKRIT**

Time: 3 hrs

Max. Marks: 100

• Answer all questions

1. ग्रन्थोक्तरीत्या विशदयत : (10)
  - प्राणायामः ● शरीरप्रकृतयः
2. एकैकेन वाक्येन संस्कृतभाषायामुत्तरयत : (9)
  - क्लमः स इति विज्ञेयः। कः? ● गौरवं नाम किम्? ● का पित्तधरा?
  - अवभासिनी का? ● स वैश्वानरो उच्यते। कः? ● अन्यथा हन्ति साधकम्। कः?
3. विभागान् निर्दिशत : (8)
  - त्वचः ● कलाः ● स्नानम् ● शौचम्
4. व्याख्यात : (6)
  - अहिंसा सत्यमस्तेयं शौचमिन्द्रियनिग्रहः।  
दानं दमो दया क्षान्तिः सर्वेषां धर्मसाधनम्॥
  - अशितं खादितं पीतं लीढं कोष्ठगतं नृणाम्।  
तज्जीर्यति यथाकालं शोणितं पित्ततेजसा॥
5. सूत्राणि व्याख्यात : (6)
  - हलन्त्यम् ● उच्चैरुदात्तः ● सुप्तिङन्तं पदम्
6. अधोरेखाङ्कितानां विभक्तिसाधुत्वं प्रदर्शयत : (5)
  - तण्डुलान् ओदनं पचति। ● रामेण हतो बाली। ● ग्रामात् आगच्छति। ● कटे आस्ते।
7. अधोदत्तानां वाक्यानाम् अशुद्धिपरिहारं कुरुत : (5)
  - अध्यापकस्य नमः। ● तव गृहे कति जनाः अस्ति? ● अहं मित्रस्य सह सम्भाषणं करोमि। ● सः विद्यालये अधितिष्ठति। ● अनुजः नगरं गतवती।
8. मलयालभाषायाम् अथवा आङ्गलभाषायाम् अनुवदत : (5)

एकस्मिन् वने चण्डकर्मा नाम राक्षसः आसीत्। सः एकदा वने भ्रमन्तं कञ्चित् ब्राह्मणं दृष्टवान्। तदा राक्षसः तस्य स्कन्धमारुह्य स्थितवान्। ब्राह्मणः अपि राक्षसस्य कोमलौ पादौ दृष्ट्वा अपृच्छत् “भोः! किमेवं तव पादौ अतिकोमलौ?” इति। तदा राक्षसः अवदत् “भोः! व्रतमस्ति, अहम् आर्द्रपादः भूमिं न स्पृशामि” इति।
9. संस्कृतभाषायामनुवदत : (5)

Chanakya was born in a very poor family. His father, Chani, was a wise and learned man although he had no wealth. It is said that baby Chanakya had pearly white teeth. Astrologers told

Chani that the boy was fated to be a king. He expected Chani to be delighted to hear this. But Chani was disturbed by the prediction and remarked that the life of a king is by no means a happy one.

10. टिप्पण्यौ लिखत : (5)  
● मांसधरकला ● हृदयम्
11. विभक्त्यन्तरूपाणि लिखत: (4)  
● कविः ● आत्मन्
12. लकाररूपाणि लिखत : (4)  
● पठति ● गच्छतु ● वन्दिष्यते ● अवन्दत
13. प्रयोगं विपरिणमयत : (4)  
● वैद्यः औषधं ददाति। ● पिता कार्यालयं गच्छति। ● मया पाठः पठ्यते।  
● पुत्रेण क्षीरं पीयते।
14. कोष्ठात् समुचितमुत्तरं निर्धार्य पूरयत: (4)  
● गुरुः शिष्यं चित्रं .....। ( दर्शयति, पश्यति, पश्यतु )  
● प्रतिदिनं पाठं ..... निद्रां करोतु। ( पठिष्यति, पठित्वा, पठेत् )  
● ..... फलम् अपतत्। ( वृक्षे, वृक्षम्, वृक्षतः )  
● मम अनुजः विद्यालयं ..... न इच्छति। ( गन्तुम्, गत्वा, गतः )
15. अर्थं लिखत : (4)  
● लगुडः ● धीवरः ● लोहितम् ● सर्पिस्
16. सन्दर्भमुक्त्वा आशयं विशदयत : (4)  
● कामार्तेनाथ मतेन दृष्टः स्वप्नो निरर्थकः। ● उदारचरितानां तु वसुधैवकुटुम्बकम्।
17. सूचितकथां लिखत : (4)  
बुद्धिहीनाः विनश्यन्ति यथा ते सिंहकारकाः।
18. सन्धिविच्छेदं कुरुत : (2)  
● उपेन्द्रः ● तल्लयः ● विष्णुत्राता ● ब्रह्मर्षिः
19. सन्धिं कुरुत : (2)  
● दैत्य + अरिः ● हरे + ए ● शिवः + अर्च्यः ● तत् + टीका
20. विग्रहवाक्यं लिखत : (2)  
● उपकृष्णम् ● पीताम्बरः ● राजपुरुषः ● ईशकृष्णौ
21. समस्तपदं लिखत : (2)  
● पूर्वं भूतः ● मक्षिकाणाम् अभावः ● न ब्राह्मणः ● अर्थः च धर्मः च

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QP Code:

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## First Professional BAMS Degree Examination

(Model Question Paper) 2012 Scheme

### KRIYA SHAREER – I

Time: 3 hrs

Max. Marks: 100

- Answer all questions

Essays:

(2x10=20)

1. Explain in detail regulation of respiration.
2. Explain the classification of ahara(आहार) explain the types of agni (अग्नि)in the process of digestion and explain ahaparinarinamakarabhavas(आहारपरिणामकराभावाः)

Short Notes:

(10x5=50)

3. Explain function, vridhi(वृद्धि) and kshaya(क्षय) of rasa dhathu (रस दाधु)
4. Explain the functions and basal ganglia
5. Describe function of udanavayu(उदनवायु) and its role in speech
6. Define and types of srothas(स्रोता) and types of srothodushtilakshna (स्रोतोदुष्टलक्षण)
7. Explain relation between triguna(त्रिगुण), tridosha(त्रिदोष) and panchabhoota(पंचभूत)
8. Explain gaseous exchange between alveoli and blood and blood and tissues
9. Describe the digestion and absorption of fats.
10. Explain types of neuroglia
11. Layers in wall of GIT and explain enteric nervous system with diagram
12. Explain features of vataprakrithy(वातप्रकृति)

Answer briefly:

(10x3=30)

13. Synonyms of sareera(शरिर)
14. Types of pain and its neurotransmitters
15. Types of koshta(कोष्ठ)
16. Avalambakakapha(अवलम्बक कफ)
17. Positive feedback mechanism
18. Cerebellum functions
19. Lung volumes
20. Motor area in brain
21. Respiration according to Ayurveda
22. Classification of purusha(पुरुष)

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**First Professional BAMS Degree Examination**

(Model Question Paper) 2012 Scheme

**KRIYA SHAREER – II**

Time: 3 hrs

Max. Marks: 100

- *Answer all questions*

**Essays:**

(2x10=20)

1. What is hemostasis. Name the coagulation factors. Explain coagulation intrinsic and extrinsic mechanism.
2. Define ojus(ओजस) . Explain its classification , function ,properties, pramana (प्रमाण) along with vyadhikshamatva(व्याधिक्रमत्व)

**Short Notes:**

(10x5=50)

3. Define upadhatu(उपधातु) Explain difference in opinion of upadhatus(उपधातु)
4. Describe sudharthavalakshana(शुद्धार्थवलक्षण) and menstruation according to Ayurvedic
5. Explain interrelation between dosha(दोष), dhatu(दातु) and malas(मल)
6. Explain the guna(गुण), karma(कर्म) and visaya (विषय) of manas(मन)
7. Explain nidrotpatti(निद्रोत्पत्ति) ,types of nidra(निद्र) and clinical significance
8. Define cardiac output and factors affecting cardiac output
9. Micturition reflex and explain nerve supply to urinary bladder and spinctors
10. Explain hormones related to bone physiology
11. Explain mechanism of muscle contraction
12. Explain thyroid hormones and its functions

**Answer briefly:**

(10x3=30)

13. Describe the functions of testosterone with its regulation
14. Explain humeral immunity
15. Erythoblastosis fetalis
16. Summation and fatigue in muscle
17. Vrithy (वृद्धि) and kshaya lakshna (क्षय लक्षण) of pureesha (पुरीष)
18. Satvasarapurusha (सत्वासरपुरुष)
19. Janotpatti(जनोत्पत्ति)
20. Jeevatmalakshana(जीवात्मलक्षण)
21. Types of mala(मल)
22. Heart sounds

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**RACHANA SHAREER – I**

Time: 3 hrs

Max. Marks: 100

- *Answer all questions*

**Essays:**

(2x10=20)

1. Discuss the nirukthi (निरुक्ति) of garbha(गर्भ) with its monthly development according to modern view and Ayurvedic view (2+8=10)
2. Explain the classification of joints according to modern view & Ayurvedic view with examples and mention the structure of shoulder joint (3+3+4=10)

**Short Notes:**

(10x5=50)

3. Aparā(अपर्ण) nirmana(निर्माण) .(Formation of placenta).
4. Garbholpadaka bhavas (गर्भोलपदक भावा)
5. Upper end of humerus with muscle attachments.
6. Parts of pelvic bone
7. Valves of heart.
8. Mediastinum.
9. Femoral artery.
10. Spleen.
11. Hamstring muscles
12. Shadangatwa

**Answer briefly:**

(10x3=30)

13. Tarsal bones
14. Parts of sternum.
15. Bahyarthava(बाह्यार्तव)
16. Spermatozoon
17. Shaddhathu purusha(क्षटधातु पुरुष).
18. Kikkisam (किक्किसं) and makkallam(मक्कल्लम).
19. Inferior venacavae
20. Germ layers.
21. Seemanta (सीमन्त) and seevani (शीवाणि)
22. Sira (सिर) and dhamani (दमनि)

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**RACHANA SHAREER – II**

Time: 3 hrs

Max. Marks: 100

- *Answer all questions*

**Essays:**

(2x10=20)

1. Define koshta (कोष्ठ). Explain koshtangas (कोष्ठांग ) and gross anatomy of liver with its ligaments. (1+2+5+2=10)
2. Illustrate the parts of nervous system and explain the sulci & gyri of cerebrum (3+7=10).

**Short Notes:**

(10x5=50)

3. Ligaments of uterus.
4. Brain stem.
5. Microscopic structure of stomach.
6. Spinal cord.
7. Constitution of larynx.
8. Pleura.
9. Pituitary gland.
10. Layers of skin .
11. Koshta marma (कोष्ठ मर्म)
12. Middle ear

**Answer briefly:**

(10x3=30)

13. Sadyo pranaharamarma(सद्यो प्राणाहरमर्म)
14. Cranial nerves.
15. Paranasal sinuses.
16. Salivary glands
17. Spermatic cord.
18. Anal canal.
19. Male sex glands.
20. Meninges
21. Parts of nephron
22. Ureter

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(Model Question Paper) 2012 Scheme

**ASHTANGA HRIDAYAM**

Time: 3 hrs

Max. Marks: 100

- **Answer all questions**

**Essays:**

(2x10=20)

1. Explain about praakrita karma(प्राकृत कर्म), vridhhi lakshanas(वृद्धिलक्षण), upakarama(उपक्रम) of kapha dosha(कफदोष) and mention the drugs of kaphahara gana(कफहारगण) (2+2+4+2=10)
2. Explain oushadakala(ओषधकाल)

**Short Notes:**

(10x5=50)

3. Explain the concept of rithusandhi(ऋतुसन्धि) and the precaution to be taken
4. Peyadikrama (पेयादिक्रम) / samsarjankarama (संसर्जनक्रम)
5. Explain karsyameva varam sthoulyat (कस्यमेव वरं स्थौल्यात्)
6. Explain chaya(चय), prakopa(प्रकोप) and prasham(प्रशम) of doshas (दोष) according to seasons
7. What are trividha rogamaargas(त्रिविध रोगमार्ग) and mention the diseases occurring in them
8. What is the treatment principle of pitta(पित्त)
9. Panchasodana(पंचशोधन)
10. Explain the function of pachakapitta(पाचकपित्त)
11. Classification of rogas(रोग) according to prognosis and define krichrasadhya lakshana(कृच्छ्रसाध्य लक्षण)
12. Explain veerya(वीर्य) and vipaka(विपाक)

**Answer briefly:**

(10x3=30)

13. What are sukhasaadhya vyaadhi lakshanas(सुखसाध्य व्याधि लक्षण)
14. Explain udvarthana (उद्वर्तन)
15. Describe purisha vegaavarodhajanya lakshanas(पुरिषवेगावरोधजन्य लक्षण)
16. Explain manodoshas(मनोदोष)
17. When one should have food (भोजनकाल)
18. What are the functions of aggravated vata dosha(वात दोष)
19. Explain roga pareeksha vidhi (रोगपरीक्षाविधि)
20. Padachathushtaya(पादचतुष्टय)
21. Explain the use of sastras(शास्त्र)
22. Qualities of kshaara(क्षार)

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