

**COURSE CURRICULUM FOR FIRST PROFESSIONAL BAMS
(PRESCRIBED BY NCISM)**



**SAMSKRITAM EVAM AYURVED ITHIHAS
(SUBJECT CODE-AyUG-SN & AI)**

SANSKRIT AND HISTORY OF AYURVEDA

(Applicable from 2021-22 batch onwards for 5 years or until further notification by NCISM, whichever is earlier)



**BOARD OF AYURVEDA
NATIONAL COMMISSION FOR INDIAN SYSTEM OF MEDICINE
NEW DELHI-110058**



Sanskritam

NCISM
I professional Ayurvedacharya
(BAMS)

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Summary

AyUG-SN & AI Total number of Teaching hours: 300			
Lecture hours (LH) – Theory		100 Hours	100 Hours (LH)
Paper I	50 Hours		
Paper II (Sanskrit 40+ AI 10)	50 Hours		
Non-Lecture hours (NLH) – Theory		140 Hours	200 Hours (NLH)
Paper I	74 Hours		
Paper II (Sanskrit 46+ AI 20)	66 Hours		
Non-Lecture hours (NLH) – Practical		60 Hours	

Examination (Papers & Mark Distribution)					
Item	Theory Component Marks AyUG-SN & AI	Practical Component Marks			
		Practical	Viva	Elective	IA
Paper I	100 Sanskrit 100 Marks	--	75*	10 (Set-FA)	15
Paper II	100 Sanskrit 80 Marks and Ayurved Itihas 20 Marks				
Sub-Total	200	100			
Total marks	300				
	*Viva voce examination shall be for Sanskrit and not for Ayurved Itihasa				

Preface

Sanskrit is an ancient still most scientific language of India. The ancient literature created about various subjects in this region is in Sanskrit. The richness of Sanskrit language is accepted by intellectuals across the world. The literature of Ayurveda is also found in Sanskrit. Without understanding the language of the science, it is really hard to read and understand the terminologies, theories, principles of the science given in the Samhitas. Many of the students coming for the course partly introduced or not at all introduced to the Sanskrit language previously. Hence for understanding Ayurveda in its originality, Sanskrit is one of subject in First year BAMS curriculum. Similar to any language Listening, Reading, Writing and Speaking are the four pillars of a Sanskrit. Reading, writing and understanding samhitas will be emphasized and listening and speaking can give confidence to the student and enhance the study.

Learning a language just by studying the theory is not enough hence curriculum of Sanskrit is designed by combining traditional Sanskrit teaching with new teaching health science education technologies.

This changed curriculum involves many new teaching learning techniques and assessment methods. Based on the course outcomes, curriculum is divided in papers. Important objectives are appropriately planned as per domains of learning. Supported by interactive methods of teaching and learning by using Audio-visual aids. There will be practicals and demonstrations based on Language Lab activities for enhancement of practical use of Sanskrit. Practical can give a chance of acquiring skills by practice of use of Sanskrit in Samhitadhyayan. Application of learned Sanskrit will be practically ensured by reading newly introduced Ashtang Hrudayam. Students can experience of application of Sanskrit Grammar in Samhitadhyayan. Introduction to Niruktis, dictionaries and Shabdakoshas can motivate students to derive and understand meanings from Sanskrit verses on their own. As this is a language, learning to communicate in this language is very much essential. Addition of Sanskrit communication as a part of curriculum is for overcoming the fear of learning a new language.

History of Ayurved is also added in second part of the Sanskrit. As an ancient science, its gradual development. Important milestones, different Schools of thoughts, important traditions, followers in traditions, their contribution etc will be introduced in History. Contribution of Scholars of modern era, Important institutes and globalization are few more points for history. Activity based learning and objective assessment are the most important changes to change perception towards study of history.

Index

Course Code and Name of Course	5
AyUG SN & AI.....	5
Table 1- Course learning outcomes and matched PO.	5
Sanskrit.....	5
Ayurved Itihas.....	5
Table 2 : Contents of Course AyUG SN & AI.....	6
Paper I Sanskrit	6
Paper II – Part A Sanskrit	9
Paper II – Part B – Ayurved Itihas.....	11
Table 3: Learning objectives (Theory) of Course AyUG-SN & AI.....	13
Paper I – Sanskrit	13
Paper II Part A - Sanskrit Learning Objective	23
PAPER II Part B Ayurved Itihas.....	26
List of Practicals.....	34
Table 4: Learning objectives (Practical) of AyUG- SN & AI.....	35
Sanskrit Practical.....	35
Table 5: Non Lecture Activities Course AyUG- SN & AI	38
Ayurved Itihas-	38
Table 6: Assessment Summary	39
6 A-Number of Papers and Marks Distribution	39
6 B - Scheme of Assessment (formative and Summative).....	39
6 C - Calculation Method for Internal assessment Marks (15 Marks)	39
6 D- Evaluation Methods for Periodical Assessment.....	40
6 E- Paper Layout	41
PAPER-I.....	41
PAPER-II	41
6 F- Disribution of Theory Exam.....	42
Paper I: Sanskrit.....	42
Paper II.....	46
Part A Sanskrit	46
Part B	47
6 G- Question paper blue print.....	47
Paper I – Sanskrit	47
Paper II – Sanskrit and Ayurved Itihas	48
6 H - Distribution of Practical Exam.....	50
7. References/ Resources.....	51
Sanskrit.....	51
Ayurved Itihas.....	52

Course Code and Name of Course

	Course code	Name of Course
	AyUG SN & AI	Sanskrit and Ayurved Itihas

AyUG SN & AI Course

Table 1- Course learning outcomes and matched PO.

SR1 CO No	A1 Course learning Outcome (CO) AyUG SN & AI At the end of the course AyUG SN & AI, the student should be able to-	B1 Course learning outcomes matched with program learning outcomes.
Sanskrit		
CO1	Read and recite Prose (गद्यः) and poem (पद्यः) with the appropriate accent (उच्चारणस्थानानि तथा बाह्याभ्यन्तरप्रयत्नानि). उच्चारणस्थानानां बाह्याभ्यन्तरप्रयत्नानां च सहाय्येन पाठने तथा लेखने सामर्थ्यम्	PO-5, PO-6, PO-7, PO-8, PO-9
CO 2	Apply various Technical Terms in Ayurveda (परिभाषाशब्दाः), Nouns & Pronouns (नामरूपाणि तथा सर्वनामरूपाणि), Verbs (धातुरूपाणि), suffixes (प्रत्ययाः), Grammatical Terms (संज्ञा), Syntax (संधी) and Compounds (समासाः) from Sanskrit Grammar for enhanced interpretation of Ayurveda texts (आयुर्वेद संहिताः). परिभाषाशब्देषु नामरूपेषु सर्वनामरूपेषु क्रियापदेषु प्रत्ययेषु संज्ञासु सन्धिषु समासेषु च ज्ञानं तद्द्वारा आयुर्वेदसंहितासु अर्थावबोधनम् प्रायोगिकविज्ञानञ्च	PO-5, PO-7, PO-9
CO 3	Discriminate and interpret the Cases & meanings (विभक्त्यर्थ) used in various verses of Ayurveda texts (आयुर्वेद संहिता). कारकविभक्त्यर्थादिषु परिज्ञानं तथा आयुर्वेदसंहितासु तेषां प्रयोगपरिचयञ्च	PO-5, PO-7, PO-9
CO 4	Formulate the Prose order (अन्वयः) of Slokas/Sutras in Ayurveda Textbooks (संहिता) to derive the meaning (वाच्यार्थ), to determine the Scientific Meaning (शास्त्रार्थ) and to Translate (Regional or other language). अन्वयलेखने वाच्यार्थावबोधने शास्त्रार्थावबोधने च सामर्थ्यं अनुवादनपाठवञ्च	PO-5, PO-6, PO-7, PO-8, PO-9
CO 5	Interpret the Synonyms (पर्यायाः) and Derivations (निरुक्ति) of Ayurveda Terms using samskrita dictionaries (संस्कृत शब्दकोश). कोशग्रन्थानां सहाय्येन आयुर्वेदे विद्यमानानां पदानां तेषां पर्यायानाञ्च निरुक्तिपूर्वकं परिज्ञानं तेषां प्रयोगे परिचयञ्च	PO-5, PO-7, PO-9
CO 6	Speak, Write and Summarize and Express in Sanskrit (संस्कृतम्). संस्कृतभाषायां भाषणे लेखने सङ्क्षिप्य लिखने अर्थप्रकाशने च सामर्थ्यम्	PO-5, PO-6, PO-7, PO-8, PO-9
CO 7	Develop the ethical responsibility towards the profession, society and human being. सामाजिक- औद्योगिक-मानुषिक धर्मबोधता	PO-6 & PO-8
Ayurved Itihas		
CO 8	Analyse and explain the important milestones in the history of Ayurveda	PO-1
CO 9	Appreciate the status of Ayurveda in different time periods and Contributions made by different Acharyas to Ayurveda.	PO-1

Table 2 : Contents of Course AyUG SN & AI

Sr No	A2 List of Topics AyUG-SN & AI Paper I	B2 Term	C2 Marks	D2 Lecture hours	E2 Non- Lecture hours
Paper I Sanskrit					
1	संस्कृतवर्णानाम् परिचयः – माहेश्वरसूत्राणि, उच्चारणस्थानानि, बाह्यप्रयत्नानि, अभ्यन्तर प्रयत्नानि	I	05	3	10
2	संज्ञा- 2.1 - संयोगः, संहिता, ह्रस्वदीर्घप्लुतः, अनुनासिकः, पदम्, धातुः, उपसर्गः, गुणः, वृद्धिः [विस्तरेण पाठनम् - Detailed teaching] 2.2 - इत्, लोपः, प्रत्याहारः, उदात्तः, अनुदात्तः, स्वरितः, सवर्णः, निपातः, प्रगृह्यम्, [सङ्क्षिप्य पाठनम् – Brief teaching]	2.1 – I 2.2 – II	05	05	-
3.	उपसर्गाः- उपसर्गाः क्रियायोगे प्र, परा, अप, सम्, अनु, अव, निस, निर्, दुस्, दुर्, वि, आङ्, नि, अपि, अधि, अति, सु, उत्, अभि, प्रति, परि, उप	II	05	02	03
4.	अव्ययानि 4.1 - च अपि खलु हि तु किल ननु वा च एव 4.2- पुनः विना उच्चैः ऋते एवम् सह सार्धम् युगपत् यथा –तथा यावत्-तावत् इति यदा-तदा यदि-तर्हि साकम् न कुत्र कति कुतः किमर्थम्, कियत् इह अत्र तत्र सर्वत्र अन्यत्र कुत्र एकत्र सदा अन्यथा एकथा [विस्तरेण पाठनम् - detailed teaching] A) Identify अव्ययानि B) Explain the meaning with reference to the context C) Construct the sentences using अव्ययानि	I A II B III C	5	I -01 II-01	I-0 II-0 III-03
5.	कारकप्रकरणम् – कर्तृकारकम् , कर्मकारकम् , करणकारकम् , सम्प्रदानकारकम्, अपादान कारकम्, अधिकरणकारकम् , सम्बन्धः, उपपदविभक्तिः सूत्रसहितपाठनं परं परीक्षायां सूत्रव्याख्यानादि प्रश्नानि न प्रष्टव्यानि A) Discriminate the विभक्ति and their meaning. B) Identify the karakas from Ayurveda texts like करणम् कारणम् C) Construct sentences D) Translate sentences from English to Sanskrit & from Sanskrit to English.	I A II B III C, D	15	I- 05	II-05 III-05
6.	सन्धिः 6.1 - अच् सन्धिः/स्वरसन्धिः - यण् सन्धि -इको यणचि, गुण सन्धिः=आहुणः वृद्धिसन्धिः-वृद्धिरेचि, अयवायाव सन्धिः - एचोऽयवायावः/वान्तो यि	II	15	10	10

	प्रत्यये, लोप सन्धि:-लोपः शाकल्यस्य, पररूपसन्धि:-एङि पररूपम्, पूर्वरूपसन्धि- एङः पदान्तादति, प्रकृतीभाव- सर्वत्र विभाषा गोः , प्लुत प्रगृह्य अचि नित्यम् सूत्रसहितपाठनं परं परीक्षायां सूत्रव्याख्यानादि प्रश्नानि न प्रष्टव्यानि 6.2 - हल्सन्धिः /व्यञ्जनसन्धिः - श्रुत्वसन्धिः- स्तोः श्रुना श्रुः, ष्रुत्वसन्धिः- ष्रुना ष्रुः, जश्त्व सन्धिः-झलां जशो/न्ते, अनुनासिकसन्धिः- यरोऽनुनासिकेऽनुनासिको वा/प्रत्यये भाषायां नित्यम्, परसवर्णसन्धिः-तोर्लिः/वा पदान्तस्य, चर्त्वसन्धिः खरि च, पूर्वसवर्णसन्धिः-झयोऽहोऽन्यतरस्याम्, छुत्वसन्धिः शश्छोऽटि/ छत्वममीति वाच्यम्, अनुस्वारसन्धिः- मोऽनुस्वारः, तुगागमसन्धिः- शि तुक्/छे च/पदान्ताद्वा, रुत्वआदेशसन्धिः-नश्छव्यप्रशान् सूत्रसहितपाठनं परं परीक्षायां सूत्रव्याख्यानादि प्रश्नानि न प्रष्टव्यानि 6.3 - विसर्गसन्धिः - रुत्वसन्धिः-ससजुषो रुः, उत्त्वसन्धिः-अतो रोरप्लुदादप्लुते/हशि च, रो रि, भो भागो अघो अपूर्वस्य योऽशि , रोऽसुपि , एतत्तदोः सुलोपोऽकोरनञ् समासे हलि, सोऽचि लोपे चेत् पादपूरणम् सूत्रसहितपाठनं परं परीक्षायां सूत्रव्याख्यानादि प्रश्नानि न प्रष्टव्यानि 6.4.- रुत्वप्रकरणसन्धिः- [सङ्क्षिप्य पाठनम् – Brief teaching] समः सुटि, कानाम्प्रेडिते च, अत्रानुनासिको पूर्वस्य तु वा, अनुनासिकात्परोऽनुस्वारः, खरवसानयोर्विसर्जनीयः, विसर्जनीयस्य सः, सम्पुङ्कानां सो वक्तव्यः				
7.	समास 7.1 - अव्ययीभावसमासः - 7.1.1 - अव्ययम् विभक्तिसमीपसमृद्धिव्यर्थार्थाभावात्ययसम्प्रतिशब्दप्रादुर्भावावपश्चाद्यथानुपूर्व्ययौगपद्यसादृश्यसम्पत्तिसाकल्यान्तवचनेषु 7.1.2. - प्रथमा निर्दिष्टम् उपसर्जनम्, / उपसर्जनं पूर्वम् /नाव्ययीभावादतो/ म् त्वपञ्चम्याः/ तृतीयासप्तम्योर् बहुलम्/अव्ययीभावे चाकाले 7.2. - तत्पुरुष समासः - द्वितीया श्रितातीतपतितगतात्यस्तप्राप्तापन्नैः, तृतीया तत्कृतार्थेन गुणवचनेन, कर्तृकरणे कृता बहुलम्, चतुर्थी तदर्थार्थ बलिहितसुखरक्षितैः, पञ्चमीभयेन, षष्ठी, सप्तमीशौण्डैः, विशेषणं विशेष्येणबहुलम्, उपमानानि सामान्यवचनैः, नञ्, कर्मधारय, द्विगुः, उपपद तत्पुरुष 7.3 - बहुव्रीहि समासः - अनेकमन्यपदार्थे 7.4 - द्वन्त्वसमासः - चार्थे द्वन्द्वः सूत्रसहितपाठनं परं परीक्षायां सूत्रव्याख्यानादि प्रश्नानि न प्रष्टव्यानि 	II	15	09	10
8.	शब्दरूपाणि 8.1 - पुल्लिङ्गःशब्दरूपाणि अकारान्तः - वात, वैद्य, रुग्ण, राम आदि इकारान्तः - अग्नि, मुनि आदि उकारान्तः - ऋतु, भानु गुरु आदि ऋकारान्तः - नृ, धातृ, पितृ आदि	I	10	02	14

	ओकारान्तः - गो आदि नकारान्त - श्लेश्मन्, रोगिन्, ज्ञानिन् आदि सकारान्त - चन्द्रमस् आदि तकारान्त - मरुत् आदि दकारान्त - सुहृद् आदि जकारान्त - भिषज्, आदि शकारान्तः - कीदृश्, एतादृश् आदि 8.2 - स्त्रीलिङ्गःशब्दरूपाणि आकारान्तः - बला, कला, स्थिरा, माला आदि इकारान्तः - सम्प्राप्ति, प्रकृति, मति आदि ईकारान्तः - धमनी, नदी आदि उकारान्तः - रज्जु, धेनु आदि ऊकारान्तः - वर्षाभू, वधू आदि ऋकारान्तः - मातृ आदि चकारान्तः - वाच् आदि तकारान्तः - योषित्, सरित् आदि दकारान्तः - परिषद् आदि जकारान्तः - स्रज् आदि सकारान्तः - जलौकस्, सुमनस् आदि षकारान्तः - प्रावृष् आदि 8.3 - नपुंसकलिङ्ग शब्दरूपाणि अकारान्तः - पित्त, वन आदि उकारान्तः - अश्रु, मधु आदि इकारान्तः - अक्षि, अस्थि, वारि, दधि आदि ऋकारान्तः - ज्ञातृ, धातृ आदि नकारान्तः - वर्त्मन्, दण्डिन् आदि सकारान्तः - स्रोतस्, मनस् आदि षकारान्तः - सर्पिष्, आयुष् आदि तकारान्तः - शकृत्, जगत् आदि अष्टाङ्गहृदयसंहितायाम् विद्यमानानाम् अन्यानामपि समानानामरूपाणाम् परिचयकरणम् अभिलषणीयम् प्रश्नपत्रे न प्रष्टव्यम् 8.4 - सर्वनामपदानि - अस्मद्, युष्मद्, तद्, एतद्, यद्, किम्, इदम् आदि				
9.	धातुरुपाणि - [विस्तरेण पाठनम्-detailed teaching] 9.1 - परस्मैपदि - लट्/लृट्/लङ्/विधिलिङ्/लोट् भ्वादि गण - भू सत्तायाम्, क्षि क्षये, गमू(गम्) गतौ, पा पाने, जीव्, पच्, त्यज्, दृश् (पश्य) अदादि गण - अद् भक्षणे, हन् हिंसागत्योः, वा गतिगन्धनयोः पा रक्षणे, अस्, श्वस्, स्वप्, ब्रू जुहोत्यादि गण- धा धारणपोषणयोः, पृ - पलनपूरणयोः, हा त्यागे, दा (दाज्) दिवादि गण- दिवु क्रीडादौ, त्रसी उद्वेगे, पुष् पुष्टौ, कुप्, नश्, तुष्, स्निह्, जृ स्वादि गण- चिञ् चयने, शक्, श्रु तुदादि गण- तुद् व्यथने, कृष् विलेखने, लिख् लेखने, दिश्, कृन्त्, क्षिप्, स्पृश्	I	10	05	05

	रुधादि गण- रुधिर् आवरणे, भिदिर् विदारणे, भुज् तनादि गण- तनु विस्तारे, कृज् करणे क्र्यादि गण- प्रीज् -तर्पणे कान्ते च, ग्रह् उपादाने, ज्ञा चुरादि गण- गण् संस्थाने, साध्, ताड्, धृ, कथ् वाक्यप्रबन्धे आत्मनेपदि- भ्वादि गण - वृतु वर्त्तने, वृध्(वर्ध्), लभ्, सेव्, रुच् अदादि गण - शीङ् स्वप्ने, ब्रू जुहोत्यादि गण- धा धारणपोषणयोः, दा (दाज्), दिवादि गण- जनी प्रादुर्भाव, मन्, बुध्, पद्, विद् स्वादि गण- चिज् चयने, तुदादि गण- तुद् व्यथने, कृष् विलेखने, भ्रि, विद्, मुच्, सिञ्च्, रुधादि गण- रुधिर् आवरणे, भिदिर् विदारणे, भुज् तनादि गण- तनु विस्तारे, कृज् करणे क्र्यादि गण- प्रीज् -तर्पणे कान्ते च, ग्रह् उपादाने, ज्ञा चुरादि गण- चुर्, क्षाल्, कथ्, घोष्, भक्ष् आयुर्वेदसंहितासु विद्यमानानां धतुरूपाणां परिचयीकरणम् अभिकाम्यम् 9.2 - लृङ् , आशीर्लिङ्ग, लिट् , लुङ्ग, लुङ् [सङ्क्षिप्य पाठनम्-Brief teaching] भ्वादि गण, अदादि गण, जुहोत्यादि गण, दिवादि गण, स्वादि गण, तुदादि गण, रुधादि गण, तनादि गण, क्र्यादि गण, चुरादि गण पूर्वोक्तधातुष्वेकस्य पञ्चलकारेषु रूपाणि दर्शयेत् परं परीक्षायाम् न पृष्ठव्यानि				
10	प्रत्ययाः 10.1 – क्त - क्तवत्, तव्यत् – अनीयर्, शतृ – शानच्, ल्युट् - ण्वुल्, क्त्वा - ल्यप्, णिनिः, क्तिन्, तुमुन् प्रत्ययाणाम् प्रयोगाः एव पृष्ठव्याः 10.2 - भावे घञ्, करणे घञ्, भावे ष्यञ्, कर्मणि ण्यत्, कर्त्तरि अच् अप् आयुर्वेदसंहितायां विद्यमानानां भावे/करणे/कर्त्तरि/ताच्छील्ये/ आदि प्रत्ययानां परिचयः करणीयः परं परीक्षायाम् न पृष्ठव्याः परीक्षायाम् वाच्य प्रयोगः स्वरूपे पृष्ठव्यः	II	10	05	6
11	विशेषण विशेष्य	II	05	02	03

Paper II – Part A Sanskrit					
	A2 List of Topics (Maximum Marks – 80 (SAQ & LAQ only))	B2 Term	C2 Marks	D2 Lecture hours	E2 Non- Lecture hours
1	निरुक्ति तथा पर्याय पदानि— A) आयुः, शरीर, मनः, अग्निः, जलम्, वातः, पित्तम्, कफः B) रस, रक्त, मांस, मेद, अस्थि, मज्जा, शुक्र, इन्द्रियम्, श्रोत्रः, चक्षुः, रसना, घ्राण C)) धी, धृति, स्मृति, बुद्धी, मति, प्रज्ञा, मूत्र, पुरीषः, स्वेद, आत्मा, रोगः, निदानम्,	A- I B – II C- III	15	7 (A-1, B-3, C-3)	13 (A- 4, B-4, C-5)

	रोगिः, भेषजचिकित्सा , आदि				
2	परिभाषापदानि – A) आयुर्वेदः, पञ्चमहाभूतानि, त्रिगुणम्, दोषाः, मलाः, दूष्यम्, सम्सर्गः, सन्निपातः B) द्रव्य ,गुण, कर्म ,सामान्य, विशेष, गुरु, लघु, प्रकृतिः, विकृतिः, चयः, प्रकोपः, प्रसरः, स्थानसम्प्रत्ययः, दोषगतिः भेदः, रसः, वीर्यम्, विपाकः, कार्यकारणभावः C) स्रोतस्, कोष्ठः, आमम्, विरुद्धाहम्, विरुद्धाहारः, विदाहि, विष्टम्भि, सात्त्विकम्, ओकसात्त्विकम्, देशसात्त्विकम्, अत्यशनम्, अध्यशनम्, स्थानी, योगवाही, पथ्यम्, अपथ्यम्, कृतान्नवर्गः, अवस्थापाकः, वेगः, शोधन, शमन, लंघन, बृहण, अनुपान आदि	A - I B - II C- III	20	10 (A-2, B-4, C- 4)	15 (A- 5, B-5, C-5)
3.	अन्वयलेखनम् - A) अष्टाङ्गहृदयम् सूत्रस्थानम् - अध्यायतः सर्वाणि सूत्राणि १.आयुष्कामीयम् २.दिनचर्या ३.रोगानुत्पादनीयम् B) अष्टाङ्गहृदयम् सूत्रस्थानम् - अध्यायतः सर्वाणि सूत्राणि दोषादिविज्ञानीयम् दोषभेदीयम् दोषोपक्रमणीयम् द्विविधोपक्रमणीयम् C) वैद्यकीय सुभाषितसाहित्यम् - shloka numbers – (भास्कर गोविन्द घाणेकर लिखित, चौखम्बा प्रकाशन) प्रथमः 1, 2 द्वितीयः 1, 7 तृतीयः 9 चतुर्थः 2, 3 पञ्चमः 2, 3 षष्ठः 1, 4, 7 सप्तमः 2, 5, 17 अष्टमः 13, 12 नवमः 12, 13 दशमः 1, 19 एकादशः 1, 2 द्वादशः 1, 6 त्रयोदशः 1, 7, 8, 9	A - I B - II C - III	30	20 (A- 4, B- 8, C- 8)	14 (A- 4, B- 5, C- 5)

	चतुर्दशः 2, 3, 4 पञ्चदशः 7, 10 षोडशः 5, 6 सप्तदशः 1, 4 अष्टादशः 1, 2, 3 एकोनविंशतिः 2, 3, 4 विंशतिः , 12, 3, 4 श्लोकपूर्णं न प्रष्टव्यम् परीक्षायाम्। पदच्छेदं विग्रहवाक्यम् अन्वयः वाक्यार्थं भावार्थं इत्यादयः एव प्रष्टव्याः ।				
4.	पञ्चतन्त्र-अपरीक्षितकारकम् ५ अध्याय कथा -१ नापितक्षपणक कथा कथा-२ नकुलीब्राह्मणी कथा कथा-३ चक्रधर कथा कथा-४ सिंहकारक मूर्खपण्डितकथा कथा-५ मूर्खपण्डित कथा श्लोकपूर्णं तथा अन्वयलेखनं न प्रष्टव्ये।	III	15	03	04

Paper II – Part B – Ayurved Itihas –					
	A2 List of Topics AyUG SN & AI (Maximum Marks – 20 (MCQ only))	B2 Term	C2 Marks	D2 Lecture hours	E2 Non- Lecture hours
1	Derivation (Vyutpatti and Niruktti) and definition of Itihasa. Necessity, Significance and Utility of knowledge of Ayurveda itihasa. Means and method of study of Ayurveda itihasa. Different Time periods relevant for the Study of Ayurveda itihasa (viz, Prevedic, Vedic, Samhita kala, Sangraha kala etc.)	I	5	1	2
2	Origin and lineage of Ayurveda (Ayurvedavatarana) and Introduction of references of Ayurveda in Veda, Upanishat and Puarana.	I		1	2
3	Structure, Specialities, Time period of Ayurveda Samhitas and their commentaries (including Special contributions of authors and commentators): Charaka Samhita, Sushruta Samhita, Ashtanga Sangraha, Ashtanga Hridaya, Bhela Samhita, Hareeta Samhita, Kashyapa Samhita.	I	5	2	2

4	Structure, Contributions and importance of Laghutrayee and Commentaries: Madhava Nidana, Sharngadhara Samhita, Bhavaprakasha.	II		1	3
5	Origin and period of different systems of medicine in the world.	II		1	2
6	Introduction to Vrukshayurveda, Hastyayurveda and Ashwayurveda. (Included in Transitional Curriculum)	II	5	-	1
7	Status of Ayurveda during the period of Ashoka, Mughal and British rule.	II		1	2
8	Contribution of Scholars of modern era: Acharya Gana Nath Sen, Vaidya Yamini Bhushan Rai, Vaidya Shankar Dajishastri Pade, Acharya Swami Lakshmiram, Acharya Yadavji Tikramji, Dr. PM. Mehta, Vaidya B G Ghanekar, Vaidya Damodar Sharma Gaur, Acharya Priyavrat Sharma, Vaidya C Dwarakanath, Vaidya K R Shrikantamurthy, Vaidya VJ Thakkar, Vaidyaratnam PS Varier, Vaidya B V Gokhale.	III		1	2
9	Globalization of Ayurveda	III	5	1	2
10	1)Developmental activities in Ayurveda in the post-independence period: • Introduction to various committees and their recommendations • Introduction of activities of the following Organizations : Department of AYUSH, CCIM/ NCISM, CCRAS, 2) National institutions Viz- All India Institute of Ayurved (AIIA), National Institute of Ayurveda, Jaipur. ITRA, Jamnagar. Faculty of Ayurveda, BHU, Varanasi. Rashtriya Ayurveda Vidyapeetha, New Delhi.	III		1	2

Table 3: Learning objectives (Theory) of Course AyUG-SN & AI

Paper I – Sanskrit									
A3 Course outcome	B3 Learning Objective (At the end of the session, the Students should be able to)	C3 Domain/sub	D3 Must to know/ desirable to know/Nice to know	E3 Level Does/ Shows how/ Knows how/ Know	F3 T-L method	G3 Assessment	H3 Formative /summative	I3 Term	J3 Integration
Topic 1- संस्कृतवर्णानाम् परिचयः(5 marks) Time: 13 hrs (Lecture:- 3 hours Non lecture10 hrs)									
CO 1, CO 6	Read & write Sanskrit words	Cognitive domain - Knowledge	Must know	Knows how	Practical classes Demonstrations Classroom reading	Oral Written	F&S	I	
CO 1, CO 6	Pronounce Sanskrit as per their appropriate articulations	Cognitive domain – Comprehension	Must know	Knows how/ Shows how	1) Practical classes 2) presentation of videos 3) Graphical Representation of Vocal system Class room reading / speaking	Oral / Written Assignment on Identifying the Places of articulation of the words in Ayurveda texts.	F&S	I	
Topic 2- संज्ञा (10 marks)- Time: 05 Hrs (Lecture:- 5 hours Non lecture 00 hrs)									
CO 2, CO 4, CO	2.1 Explain the terms related to संज्ञा in Sanskrit grammar	Cognitive domain- Comprehension	Desirable to know	Knows	Lecture with Power point presentation	Oral, Conduction of quiz	F&S	II	
CO 2, CO 4, CO 5	2.2 Identify the संज्ञा Explain the meaning of the संज्ञा	Cognitive domain- Comprehension	Must know	Knows how	Lecture with Power point presentation	Oral / written Very short answer Differentiate, identify, fill in the blanks etc	F&S	I	

						Preparation of MSQ (MCQ) Question-answer sessions			
Topic 3 उपसर्गः - उपसर्गः क्रियायोगे (05 marks) Time: 05 Hrs (Lecture:- 02 hours Non lecture 03 hrs)									
CO 2, CO 4, CO 6	Identify the उपसर्गः: Explain the meaning of the words with उपसर्गः: Identify the difference in meaning according to the उपसर्गः:	Cognitive domain - Comprehension problem solving	Must know	Knows how	Lectures with Power point presentation. Problem Based Learning (PBL) Group Discussions	Oral & Written objective type very short answer compare differentiate etc, Assignments open book test	F&S	II	
Topic 4- अव्ययानि (05 marks) Time: 05 Hrs (Lecture:- 02 hours Non lecture 03 hrs)									
CO 2, CO 4, CO 6	4.1 Identify अव्ययानि	Cognitive domain - Comprehension	Must know	Knows	Lectures with Power point presentation. Group Discussions	Oral & Written. objective type very short answer - compare, differentiate Assignments on sentence construction, presentation by the students	F&S	I	
CO 2, CO 4, CO 6	4.2 Explain the meaning with reference to the context	Cognitive domain – Application	Must Know	Knows how	Lectures with Power point presentation. Group Discussions	Oral & Written objective type very short	F&S	II	

						answer / compare differentiate Assignments open book test			
CO 2, CO 4, CO 6	Construct the sentences using अव्ययानि	Cognitive domain - Synthesis	Must Know	Shows how	Lectures with Power point presentation. Group Discussions Conversation Sessions	Oral & Written Construct sentences with proper use of Avyayas. Use appropriate Avyayas. Very short answer Assignments on finding out the अव्ययानि used in the texts and explain their meaning with reference to the context. Open book test.	F&S	III	
Topic 5— कारकप्रकरणम् (15 marks) Time: 15 Hrs (Lecture:- 5 hours Non lecture 10 hrs)									
CO 3, CO 6	A) Discriminate the विभक्ति and their meaning. B) Identify the karakas from Ayurveda texts like करणम् कारणम् C) Construct sentences. D) Translate sentences from English to	Cognitive domain - Synthesis problem solving	Must know	Shows how	Lectures with Power point presentation. Group Discussions	Oral & Written objective type very short answer / compare differentiate /	F&S	A)– I B) – II C) – III D) - III	

	Sanskrit & from Sanskrit to English.					meaning with reference to the context etc Assignments on identification of the karakas used in the Ayurveda basic principle terms like करणम् कारणम्.			
Topic 6- सन्धिः (15 marks) Time: 20 Hrs (Lecture:- 10 hours Non lecture 10 hrs)									
CO 2, CO 6	6.1 Identify सन्धिः Explain the meaning of the context by splitting. Formulate the joined words while writing the sentences	Cognitive domain - Application and problem solving	Must know	Knows how	Lectures with Power point presentation. Group Discussions Classes by the students Ashtang hrudaya with the सन्धिः	Oral & Written Objective type, very short answer – compare, differentiate etc. Assignments to find the सन्धिः in Ashtangahrudaya Quiz on सन्धिः	F&S	II	
CO 2, CO 6	6.2 Identify सन्धिः Explain the meaning of	Cognitive domain - Application and problem solving	Must know	Knows how	Lectures with Power point presentation. Group Discussions	Oral & Written objective type very short	F&S	II	

	the context by splitting. Formulate the joined words while writing the sentences				Classes by the students Ashtang hrudaya with the सन्धि:	answer compare and differentiate Assignments to find the सन्धि: in Ashtangahrudaya Quiz on सन्धि: Preparation of charts, mindmaps etc.			
CO 2, CO 6	6.3 Identify सन्धि: Explain the meaning of the context by splitting. Formulate the joined words while writing the sentences	Cognitive domain - Application and problem solving	Must know	Knows how	Lectures with Power point presentation. Group Discussions Classes by the students Ashtang hrudaya with the सन्धि:	Oral & Written objective type very short answer Assignments to find the सन्धि: in Ashtang hrudaya Quiz on सन्धि: Preparation of charts, mindmaps etc.	F&S	II	
CO 2, CO 6	6.4 Identify सन्धि: Explain the meaning of the context by splitting.	Cognitive domain – Comprehension Application	Desirable to know	Knows	Lectures with Power point presentation.	Oral Preparation of charts, mindmaps etc.	F&S	II	

Topic 7- समास (15 marks) Time: 19 Hrs. (Lecture:- 09 hours Non lecture 10 hrs)

CO 2	Identify समासः Discriminate between the सन्धिः and समासः	Cognitive domain - Comprehension	Must know	Knows	Lectures with Power point presentation. Group Discussions Problem Based Learning(PBL) Flipped classroom Peer learning Classes by the students on the sutras in Ashtang hrudaya with the विग्रहवाक्यम्	Oral & Written objective type very short answer- compare differentiate Assignments to find the समासः in Ashtanga hrudaya Quiz on समासः Puzzles Word cloud Cross words etc.	F&S	II	
CO 2, CO 6	7.1 Identify समासः Explain the meaning of the context by writing the विग्रहवाक्यम् Construct the समस्तपदम् while writing the sentences	Cognitive domain - Application and problem solving	Must know	Shows how	Lectures with Power point presentation. Group Discussions Problem Based Learning(PBL) Flipped classroom Peer learning Classes by the students on the sutras in Ashtang hrudaya with the विग्रहवाक्यम्	Oral & Written objective type very short answer Assignments to find the समासः in Ashtangahrdaya a Quiz on समासः Puzzles Word cloud Cross words	F&S	II	

						etc. Preparation of charts, mindmaps etc.			
CO 2, CO 6	7.2 Identify समासः Explaining the meaning of the context by writing the विग्रहवाक्यम् Construct the समस्तपदम् while writing the sentences	Cognitive domain - Application and problem solving	Must know	Shows how	Lectures with Power point presentation. Group Discussions Problem Based Learning(PBL) Flipped classroom Peer learning Classes by the students on the sutras in Ashtang hrudaya with the विग्रहवाक्यम्	Oral & Written objective type very short answer Assignments to find the समासः in Ashtangahrdaya a Quiz on समासः Puzzles Word cloud Cross words etc. Preparation of charts, mindmaps etc.	F&S	II	
CO 2, CO 6	7.3 Identify समासः Explaining the meaning of the context by writing the विग्रहवाक्यम् Construct the समस्तपदम् while writing the sentences	Cognitive domain - Application and problem solving	Must know	Shows how	Lectures with Power point presentation. Group Discussions Problem Based Learning(PBL) Flipped classroom Peer learning Classes by the students on the sutras in Ashtang hrudaya with the विग्रहवाक्यम्	Oral & Written objective type very short answer meaning with reference to the context etc. Assignments to find the समासः in Ashtangahrdaya	F&S	II	

						a Quiz on समासः Puzzles Word cloud Cross words etc. Preparation of charts, mindmaps etc.			
CO 2, CO 6	7.4 Identify समासः Explaining the meaning of the context by writing the विग्रहवाक्यम् Construct the समस्तपदम् while writing the sentences	Cognitive domain - Application and problem solving	Must know	Shows how	Lectures with Power point presentation. Group Discussions Flipped classroom Peer learning Classes by the students on the sutras in Ashtang hrudaya with the विग्रहवाक्यम् Problem Based Learning(PBL)	Oral & Written objective type very short answer Assignments to find the समासः in Ashtangahrday a Quiz on समासः Puzzles Word cloud Cross words etc. Preparation of charts, mindmaps etc.	F&S	II	
Topic 8- शब्दरूपाणि (10 marks) Time: 16 Hrs (Lecture:- 2 hours Non lecture 14 hrs)									
CO 2, CO 3, CO 6	Identify & write the अन्तलिङ्गविभक्तिवचनानि of a noun. Construct sentences	Cognitive domain – Synthesis problem solving	Must know	Shows how	Lectures with Power point presentation. Recitation Peer learning	Oral & Written objective type very short answer	F&S	I	

					Group Discussions	Assignments to find out the अन्तलिङ्गविभक्तिवचनानि of nouns used in various text books and writing all forms of all विभक्ति. Quizzes Puzzles Word cloud Cross words etc.			
Topic 9- धातुरुपाणि (10 marks) Time: 10Hrs. (Lecture:- 5 hours Non lecture 05 hrs)									
CO 2, CO 6	9.1 Identify & write लकारपदपुरुषवचनानि of the roots. Interpret the meaning according to the लकार: Use for constructing sentences.	Cognitive domain - Synthesis and problem solving	Must know	Shows how	Lectures with Power point presentation. Recitation Group Discussions Peer learning	Oral & Written objective type very short answer Assignments to find out the verbs used in various text book in the syllabus and completing all the forms. Quizzes Word cloud etc.	F&S	I	
CO 2, CO 6	9.2 Identify & write लकारपदपुरुषवचनानि of the roots.	Cognitive domain- Comprehension problem	Nice to know	Knows	Lectures with Power point presentation. Group Discussions	Oral Assignments Quizzes Word cloud etc.	F&S	I	

	Interpret the meaning according to the लकारः	solving							
Topic -10 प्रत्ययाः (10 Marks) Time: 11 Hrs (Lecture:- 5 hours Non lecture 06 hrs)									
CO 2, CO 6	10.1 Identify the प्रत्ययाः Interpret the meaning with reference to the context with the support of the प्रत्ययाः	Cognitive domain - Comprehension and problem solving	Must know	Shows how	Lectures with Power point presentation. Group Discussions	Oral & Written objective type very short answer Assignments Quizzes	F&S	II	
CO 2, CO 6	10.2 Identify the प्रत्ययाः Interpret the meaning with reference to the context with the support of the प्रत्ययाः (परीक्षायाम् वाच्य प्रयोगः स्वरूपे पृष्ठव्यः)	Cognitive domain- Application and problem solving	Must to Know	Shows how	Lectures with Power point presentation. Group Discussions	Oral Assignments Quizzes	F&S	II	
Topic 11- विशेषण विशेष्य (05 Marks) Time: 05 Hrs (Lecture:-02 hours Non lecture 03 hrs)									
CO 2, CO 6	Identify and discriminate different types of Visheshanas. Effectively use visheshanas in sentences.	Cognitive domain - Application and problem solving	Must know	Knows how / Shows how	Lectures with Power point presentation. Flipped classroom	Oral & Written Quizzes Word cloud etc.	F&S	II	

Paper II Part A - Sanskrit Learning Objective									
A3 Course outcome	B3 Learning Objective (At the end of the session, the Students should be able to)	C3 Domain/sub	D3 Must to know/ desira ble to know/ Nice to know	E3 Level Does/ Shows how/ Knows how/ Know	F3 T-L method	G3 Assessment	H3 Form ative /sum mativ e	I3 Te rm	J3 Integr ation
Topic 1- निरुक्ति/ Paryaya padani (15 marks) Time: 18 Hrs. Lecture:- 7 hours (A-2, B-5) Non lecture 13 (A- 4, B-4, C-5 hrs)									
CO 2, CO 5	Explain the meaning of the words and their synonyms with the help of their nirukti (निरुक्तिः) A) आयुः ,शरीर, मनः, अग्निः, जलम्, वातः, पित्तम्, कफः B) रस, रक्त, मांस, मेद, अस्थि, मज्जा, शुक्र , इन्द्रियम्, श्रोत्र, चक्षु , ,रसना, घ्राण C) धी, धृति, स्मृति ,बुद्धी , ,मति प्रज्ञा ,मूत्र ,पुरीषः, स्वेद, आत्मा, रोगः, निदानम् ,रोगि ,: भेषजचिकित्सा , आदि	Cognitive domain - comprehension	Must know	Knows how	Lectures with Power point presentation. Flipped classroom Peer learning Ayurveda Samhita Group Discussions	Oral & Written objective type very short answer compare differentiate meanings meaning with reference to the context etc Assignments Open book test	F & S	A- I B – II C- III	Samhita, Kr iya Sh ari r, Ra ch an a Sh ari r.
Topic 2- परिभाषापदानि (20 marks) Time 25 Hrs (Lecture:- 10 (A-2, B-4, C- 4 hours) Non lecture 15 (A- 5, B-5, C-5 hrs)									

CO 2, CO 5	Explain the meaning of the words and their synonyms with the help of their nirukti (निरुक्तिः) Describe the Paribhasapadas (परिभाषापदः) परिभाषापदानि – A) आयुर्वेदः, पञ्चमहाभूतानि, त्रिगुणम्, दोषाः, मलाः, दूष्यम्, सम्सर्गः, सन्निपातः B) द्रव्य, गुण, कर्म, सामान्य, विशेष, गुरु, लघु, प्रकृतिः, विकृतिः, चयः, प्रकोपः, प्रसरः, स्थानसम्प्रयः, दोषगतिः भेदः, रसः, वीर्यम्, विपाकः, कार्यकारणभावः C) स्रोतस्, कोष्ठः, आमम्, विरुद्धाहम्, विरुद्धाहारः, विदाहि, विष्टम्भि, सात्त्विकम्, ओकसात्त्विकम्, देशसात्त्विकम्, अत्यशनम्, अध्यशनम्, स्थानी, योगवाही, पथ्यम्, अपथ्यम्, कृतान्नवर्गः, अवस्थापाकः, वेगः, शोधन, शमन, लंघन, बृहण, अनुपान आदि	Cognitive domain – Comprehension Application	Must know	Knows how	Lectures with Power point presentation. Flipped classroom Peer learning Group Discussions	Oral & Written objective type very short answer write short notes Assignments from Ayurveda Samhita Open book test	F&S	A- I B – II C- III	Sa mh ita, Kr iya Sh ari r, Ra ch an a Sh ari r.
Topic 3 - अन्वयलेखनम् (30 marks) Time 34 Hrs (Lecture:- 20 (A- 4, B- 8, C-8 hours) Non lecture 14 (A-4, B-5, C-5 hrs)									
CO 4, CO 6	Identify the subject object Adjective noun verb in a sentence.	Cognitive domain – Comprehension Application	Must know	Shows how	Self-directed learning Flipped classroom Classes by the students	Oral & Written Objective type Very short answer Anvaya writing	F&S	A- I B - II C- III	Sa mh ita

Write the पदच्छेदं विग्रहवाक्यम् अन्वयः वाच्यार्थ and भावार्थम् Of shlokas A) अष्टाङ्गहृदयम् सूत्रस्थानम् – अध्यायतः सर्वाणि सूत्राणि १.आयुष्कामीयम् २.दिनचर्या ३.रोगानुत्पादनीयम् B) अष्टाङ्गहृदयम् सूत्रस्थानम् – अध्यायतः सर्वाणि सूत्राणि दोषादिविज्ञानीयम् दोषभेदीयम् दोषोपक्रमणीयम् द्विविधोपक्रमणीयम् C) वैद्यकीय सुभाषितसाहित्यम् – shloka numbers - प्रथमः 1, 2 द्वितीयः 1, 7 तृतीयः 9 चतुर्थः 2, 3 पञ्चमः 2, 3 षष्ठः 1, 4, 7 सप्तमः 2, 5, 17 अष्टमः 13, 12 नवमः 12, 13 दशमः 1, 19 एकादशः 1, 2 द्वादशः 1, 6				Group Discussions	Short answer Assignments on writing पदच्छेदं विग्रहवाक्यम् अन्वयः वाच्यार्थ भावार्थम्			
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	त्रयोदश: 1, 7, 8, 9 चतुर्दश: 2, 3, 4 पञ्चदश: 7, 10 षोडश: 5, 6 सप्तदश: 1, 4 अष्टादश: 1, 2, 3 एकोनविंशति: 2, 3, 4 विंशति: , 12, 3, 4								
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Topic 4 - पञ्चतन्त्र-अपरीक्षितकारकम् ५ अध्याय (15 marks) Time 07 Hrs (Lecture:- 03 hours Non lecture 04 hrs)

CO 4, CO 6	Construct Sanskrit sentences and comprehend a passage. Convert active and passive voice sentences. १. क्षपणक कथा २. नकुलब्राह्मणी कथा ३. चक्रधर कथा ४. सिंहकारकब्राह्मणपुत्र कथा ५. मूर्खपण्डित कथा	Cognitive Domain-Synthesis Problem Solving	Must know	Shows how	Activity based learning Self-directed learning Flipped classroom Group Discussions	Oral & Written objective type very short answer write summery Assignments on finding out प्रत्ययः and क्रियापदानि Assignments of changing the voice. Assignments on translation	F&S	III	
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PAPER II Part B Ayurved Itihas

A3 Course outcome	B3 Learning Objective (At the end of the session, the students should be able to)	C3 Domain/sub	D3 Must to know/ desirable to know/Nice to know	E3 Level Does/ Shows how/ Knows how/ Know	F3 T-L method	G3 Assessment	H3 Formative /summative	I3 Term	J3 Integration

Topic 1- Time (Lecture:- 1 hour, Non lecture 2 hours)									
CO 8	Describe Etymological derivation (Vyutpatti), syntactical derivation (Niruktti) and definition of the word Itihasa.	Cognitive/ Knowledge(K)	Must know	Knows	Lecture & Group Discussion,	Written MCQ	F & S	I	
CO 8	Describe of knowledge of history, its significance and utility, means and method of Ayurveda history	Cognitive/ comprehension	Must know	Knows	Lecture & Group Discussion, Tutorial, Video clips	Written MCQ Discussions or debate	F	I	
CO 8 CO 9	Explain Different Time periods relevant for the Study of Ayurveda itihasa (viz, Prevedic, Vedic, Samhita kala, Sangraha kala etc.)	Cognitive/K	Must know	Knows	Lecture & Group Discussion, Tutorial, Charts, Edutainment.	Written MCQ	F & S	I	
Topic 2- Time (Lecture:- 1 hour, Non lecture 2 hours)									
CO 8 CO 9	Explain different opinions of origin and lineage of Ayurveda available in Samhitas and Samudra manthana and origin of Dhanvantari.	Cognitive/K	Must know	Knows	Lecture, video & Group Discussion	Written MCQ	F & S	I	
CO 8 CO 9	Outline 2-3 references of Ayurveda in Veda, Upanishat and Puarana	Cognitive/K	Desirable to know	Knows	Lecture, charts & Group Discussion, SDL	Written MCQ, Online search of Archiological sites for Ayurved. Presentation by Students,	F	I	

CO 8	Describe Ayurveda as Upaveda of Atharvaveda	Cognitive/comprehension	Desirable to know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	
Topic 3- Time (Lecture:- 2 hour, Non lecture 2 hours)									
CO 8 CO 9	Describe the Structure, Specialities, Time period of Charaka Samhita	Cognitive/K	Must know	Knows	Lecture, charts & Group Discussion Online Visit of Charakaranya, related places.	Written MCQ Chart preparation	F & S	I	
CO 8 CO 9	Briefly explain contribution of Punarvasu Athreya, Agnivesha, Charaka, Drudhabala	Cognitive/K	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	
CO 8 CO 9	Enumerate the important Commentaries on Charaka Samhita and identify their authors.	Cognitive/K	Must know	Knows	Lecture & Group Discussion, Activity on commentary, Compilation.	Written MCQ Online samhitas, Commentary search	F & S	I	
CO 8 CO 9	Explain the importance of Ayurveda Deepika, Jalpakalpataru.	Cognitive/K	Must know	Knows	Lecture & Group Discussion.	Written MCQ	F & S	I	
CO 8 CO 9	Justify Charakastu Chikitsa in view of Global medical history.	Cognitive/K	Must know	Knows	Lecture & Group Discussion,	Written MCQ Debate Creative writing	F	I	Roganidana, Kayachikitsa
CO 8 CO 9	Describe the Structure, Specialities, Time period of Sushruta Samhita	Cognitive/K	Must know	Knows	Lecture & Group Discussion	Written MCQ Poster making	F & S	I	
CO 8 CO 9	Briefly explain contribution of Dhanvantari, Sushruta,	Cognitive/k	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	Salya tantra

	Nagarjuna, Chandrata								
CO 8 CO 9	Enumerate the important commentaries on Sushruta Samhita and identify their authors.	Cognitive/K	Must know	Knows	Lecture & Group Discussion	Written MCQ Chart or collage	F & S	I	
CO 8 CO 9	Explain the importance of Nibandha sangraha, Nyaya chandrika,	Cognitive/K	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	
CO 8 CO 9	Justify Shaareere Sushruta	Cognitive/comprehension	Must know	Knows	Lecture & Group Discussion	Written MCQ Debate/Discussions	F	I	Rachana Sharira, Kriya sharira
CO 8 CO 9	Describe the Contributions of Sushruta Samhita to the field of surgery.	Cognitive/Comprehension	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	Shalya Tantra
CO 8 CO 9	Identify the acharyas of Atreya and Dhanvantari Sampradaya	Cognitive/K	Must know	Knows	Lecture & Group Discussion Quiz	Written MCQ	F & S	I	
CO 8 CO 9	Describe the Structure, Specialities, Time period of Ahtanga sangraha and Ashtang hridaya.	Cognitive/K	Must know	Knows	Lecture & Group Discussion Video Clips	Written MCQ Chart or collage of events	F & S	I	
CO 8 CO 9	Briefly explain contributions of Vriddha and Laghuvagbhata	Cognitive/K	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	
CO 8 CO 9	Enumerate commentaries on Ahtanga sangraha and Ashtang hridaya and explain importance of Indu, Hemadri and Arunadatta commentary.	Cognitive/K	Must know	Knows	Lecture & Group Discussion	Written MCQ Quiz	F & S	I	
CO 8	Justify Sutrasthane tu	Cognitive	Must know	Knows	Lecture & Group	Written	F & S	I	

CO 9	vagbhata	e/K			Discussion	MCQ			
CO 8 CO 9	Enumerate the salient features of Bhela Samhita	Cognitiv e/k	Desirable to know	Knows	Lecture & Group Discussion, SDL	Written MCQ	F	I	
CO 8 CO 9	Enumerate the salient features of Hareeta Samhita	Cognitiv e/k	Desirable to know	Knows	Lecture & Group Discussion, SDL	Written MCQ	F & S	I	
CO 8 CO 9	Describe the Structure, Specialties, Time period of Kashyapa Samhita	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion	Written MCQ Chart or collage of Events	F & S	I	
CO 8 CO 9	Briefly explain contribution of Kashyapa, Jeevaka, Vatsya.	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	
CO 8 CO 9	Identify contribution of Kashyapa Samhita to the field of Pediatrics.	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	I	
Topic 4- Time (Lecture:- 1 hour, Non lecture 3 hours)									
CO 8 CO 9	Describe Structure, Contributions and importance of Madhava Nidana.	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion, Library Session for handing of books.	Written MCQ Library Searching online avaiable Samhitas. Samhita mobile applications	F & S	II	
CO 8 CO 9	Outline the importance of Madhavakara, Vijayarakshita, Shrikanthadatta and Justify nidane madhava shreshtha.	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	II	Roganidana
CO 8	Describe Structure,	Cognitiv	Must know	Knows	Lecture & Group	Written	F & S	II	

CO 9	Contributions and importance of Sharngadhara Samhita.	e/k			Discussion	MCQ			
CO 8 CO 9	Briefly explain contribution of Sharngadhara, Adhamalla, Kashiram.	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion	Written MCQ	F & S	II	
CO 8 CO 9	Explain about Bhavamishra and Enumerate the salient features of Bhavaprakasha.	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion,	Written MCQ	F & S	II	
Topic 5- Time (Lecture:- 1 hour, Non lecture 2 hours)									
CO 8 CO 9	Enlist origin and period of different systems of medicine in the world.	Cognitiv e/k	Must know	Knows	Lecture & Group Discussion	Written MCQ Assignment s	F & S	II	
Topic 6- Time (Lecture:- 0 hour, Non lecture 1 hours)									
CO 8 CO 9	Explain in brief about Ashwayurveda, Gajayurveda, Gavayurveda and Vrukshayurveda.	Cognitiv e/k	Must know	Knows	Lecture (Included in Transitional Curriculum)& Group Discussion	Written MCQ Serach of Use of Ayurved plats in different cattle food. Poster making	F & S	II	
Topic 7- Time (Lecture:- 1 hour, Non lecture 2 hours)									
CO 8 CO 9	Describe the Status of Ayurveda during the period of Ashoka, Mughal and British rule.	Cognitiv e/K	Desirable to know	Knows	Lecture & Group Discussion, SDL	Written MCQ Collect the photos online and make a documentor	F & S	II	

						y in your voice.			
Topic 8- Time (Lecture:- 1 hour, Non lecture 2 hours)									
CO 8 CO 9	Name the Contributions of Acharya Gana Nath Sen, Vaidya Yamini Bhushan Rai, Vaidya Shankar Dajishastri Pade, Acharya Swami Lakshmiram, Acharya Yadavji Tikramji, Dr. PM. Mehta, Vaidya B G Ghanekar, Vaidya Damodar Sharma Gaur, Acharya Priyavrat Sharma, Vaidya C Dwarakanath, Vaidya K R Shrikantamurthy, Vaidya VJ Thakkar, Vaidyaratnam PS Varier, Vaidya B V Gokhale.	Cognitive/K	Desirable to know	Knows	Lecture & Group Discussion, Tutorial, Self directed learning (SDL)	Written MCQ, Quiz, Match the pair Edutainment Poster making, Video clip making, Compilation,	F & S	III	
Topic 9- Time (Lecture:- 1 hour, Non lecture 2 hours)									
CO 8 CO 9	Discuss Globalization of Ayurveda – Expansion of Ayurveda in Misra (Egypt), Sri Lanka, Nepal other nations.	Cognitive/K	Desirable to know	Knows	Lecture & Tutorial, Video Edutainment	Written MCQ Collect data and make video clip with your own narration.	F & S	III	
Topic 10- Time (Lecture:- 1 hour, Non lecture 2 hours)									

CO 8 CO 9	Enumerate the various Committees and 2-3 recommendations	Cognitive	Must know	Knows	Lecture	Written MCQ	F & S	III	
CO 8 CO 9	Explain activities of Department of AYUSH, CCIM/ NCISM, CCRAS	Cognitive/K	Must know	Knows	Lecture & Group Discussion, Tutorial	Written MCQ Visit to Website of the Departments and discussion	F & S	III	
CO 8 CO 9	Identify the institutes All India Institute of Ayurved, New Delhi, (AIIA), National Institute of Ayurveda, Jaipur. ITRA, Jamnagar. Faculty of Ayurveda, BHU, Varanasi. Rashtriya Ayurveda Vidyapeetha, New Delhi.	Cognitive/K	Desirable to know	Knows	Lecture & Group Discussion, Video	Written MCQ, Visit to websites of colleges and Discussions .	F & S	III	

List of Practicals

Hours: 180 Hrs

[illegible]

Table 4: Learning objectives (Practical) of AyUG- SN & AI

Sanskrit Practical									
A4 Course outcome	B4 Learning Objective (At the end of the session, the Students should be able to)	C4 Domain/sub	D4 Must to know/ desirabl e to know/Ni ce to know	E4 Level Does/ Shows how/ Knows how/ Know	F4 T-L method	G4 Assessment	H4 Formativ e /summati ve	I4 Te rm	J4 Integratio n
Practical 1- अमरकोशः -वनौषधिवर्गः, शब्दकल्पद्रुमः, वाचस्पत्यम्, Dictionaries Time: 15 Hrs (Practical/ Clinical 15 hours)									
CO 5	Refer the dictionaries. Refer the Books on synonyms	Cognitive domain - comprehensi on	Must to know	knows	Demonstration for identifying the meaning of the words with the support of the shabdakoshas like Amarkosha, Shabda kalpadruma, vachaspatyam etc. Record writing	Oral	F & S	I	
CO 5, 6	Improve the vocabulary. Use in reading and writing.	Cognitive domain - comprehensi on	Desirabl e know	knows	Group Discussions Record writing	Oral Recitation Competiti ons Aksharashlo ka competitions etc.	F & S	II	
Practical 2 - Translation from Sanskrit to desirable language. Time: 15 Hrs. (Practical/ Clinical 15 hrs)									
CO 3, 4, 5, 6	Translate from Sanskrit to	Cognitive domain -	Must to know	Shows how	Demonstration Group Activity	Oral Written	F & S	II	

	desirable language.	comprehension, synthesis.			Record writing				
Practical 3 - Translation from desirable language to Sanskrit. Time: 15 Hrs. (Practical/ Clinical 15 hrs)									
CO 3, 4, 5, 6	Translate from desirable language to Sanskrit.	Cognitive domain - comprehension, synthesis.	Must to know	Shows how	Demonstration Group Activity Record writing	Oral Written	F & S	II	
Practical 4- सम्भाषण भाषा पठनम् Spoken Sanskrit Time: 15 Hrs (Practical/ Clinical 15 hrs)									
CO 6, 7	Apply Sanskrit grammar. Write a small paragraph or Script. Speak atleast 5 to 10 lines in Sanskrit fluently. Stage a skit.	Cognitive domain - comprehension. Psychomotor domain – articulation Psychomotor domain – articulation	Must to know	Shows how	Staging small skits. Script writing, elocution competitions. Games Conversation Peer learning Creating conversations Conversations in different situations by the students.	Oral	F & S	III	
P5 All activity based practicals from above table are enlisted. (In table 2 and Table 3) They are as follows: (NLH 120) 1. Presentation of videos about Maheshwar Sutra, Prayatna, Uccharana Sthanani etc. 2. Graphical Representation of Vocal system 3. Reading / Pronunciation 4. Preparing different Shabdarupani and recitation 5. Preparing different Kriyapadani. 6. Practicals on Karakani. 7. Practicals on Pratyayas									

8. Practicals on Sandhis
9. Practicals on Samasa
10. Practicals on Upasargas.
11. Practicals on Avyayas
12. Practicals on Visheshan - Visheshya
13. Practicals on Anvay lekhana
14. Practicals on Nirukti
15. Practicals on Paribhasha
16. Practicals on Panchatantra

Table 5: Non Lecture Activities Course AyUG- SN & AI

List non lecture Teaching-Learning methods	No of Activities	Total
Sanskrit		
Presentation of videos	2	120
Graphical Representation of Vocal system	1	
Guided Reading,	5	
Peer learning	4	
PBL	36	
Quizes, puzzles, cross word, word cloud	13	
Group activities	37	
SDL	17	
Recitation	5	
Practical (Refer Table 4	60	60
Ayurved Itihas	20	20
		200

Topic wise details –

List non lecture Teaching-Learning methods	No of Activities
Presentation of videos about Maheshwar Sutra, Prayatna, Uccharana Sthanani etc.	2
Graphical Representation of Vocal system	1
Reading / Pronunciation (Guided Reading, Peer learning)	7
Preparing different Shabdarupani and recitation (PBL, Peer learning, Quizes, word cloud, crosswords, recitation etc.)	14
Preparing different Kriyapadani. (PBL, Group activities)	5
Practicals on Karakani. (PBL, Group Discussions)	10
Practicals on Pratyayas. (PBL, Group Discussions)	6
Practicals on Sandhis (PBL, Quizes, puzzles, Group activities)	10
Practicals on Samasa (PBL, Quizes, puzzles,)	10
Practicals on Upasargas. (PBL, group activities)	3
Practicals on Avyayas (PBL, group activities)	3
Practicals on Visheshan – Visheshya (PBL)	3
Practicals on Anvay lekhana (PBL, SDL, Group Discussions)	14
Practicals on Nirukti (PBL, SDL, Group Discussions)	13
Practicals on Panchatantra - Vachya of sentences, Writing sentences using appropriate Shabdarupani and Kriyapadani etc. (SDL, PBL, group activities)	4
Practicals on Paribhasha (PBL, SDL, Group Discussions)	15
	120

Ayurved Itihas-

List non lecture Teaching-Learning methods	No of Activities
Group Discussion,	10
Video clips	5
Online Search, Prproject	
Tutorial	
Quiz, Collage, Puzzle	5
	20

Table 6: Assessment Summary**6 A-Number of Papers and Marks Distribution**

S.No.	Subject Code	Papers	Theory	Practical/Clinical Assessment					Grand Total
				Practical/Clinical	Viva	Electives	IA	Sub Total	
1.	AyUG-SN & AI	2	200	-	75*	10 (Set-FA)	15	100	300
*Viva voce examination shall be for Sanskrit and not for Ayurved Itihasa									

6 B - Scheme of Assessment (formative and Summative)

SR.NO.		PROFESSIONAL COURSE	DURATION OF PROFESSIONAL COURSE		
			First Term (1-6 Months)	Second Term (7-12 Months)	Third Term (13-18 Months)
1	AyUG- SN & AI	First	3 PA & First TT	3 PA & Second TT	3 PA & UE
PA: Periodical Assessment; TT: Term Test; UE: University Examinations					

6 C - Calculation Method for Internal assessment Marks (15 Marks)

TERM	PERIODICAL ASSESSMENT*					TERM TEST**	TERM ASSESSMENT	
	A	B	C	D	E	F	G	H
	1 (15 Marks)	2 (15 Marks)	3 (15 Marks)	Average (A+B+C/3)	Converted to 15 Marks (D/15*15)	Term Test (Marks converted to 15) (15 Marks)	Sub Total _/30 Marks	Term Assessment (.../15)
FIRST							E+F	(E+F)/2
SECOND							E+F	(E+F)/2
THIRD						NIL		E
Final IA	Average of Three Term Assessment Marks as Shown in 'H' Column.							
	Maximum Marks in Parentheses *Select an Evaluation Method which is appropriate for the objectives of Topics from the Table 6 D for Periodic assessment. Conduct 15 marks assessment and enter marks in A, B, and C. ** Conduct Theory (100 Marks)(MCQ(20*1 Marks), SAQ(8*5), LAQ(4*10)) and Practical (100 Marks) Then convert total marks to 15 marks.							

6 D- Evaluation Methods for Periodical Assessment

S. No.	Evaluation Methods
1.	Activities Indicated in Table 3 - Column G3 as per Indicated I, II or III term in column I3.
2.	Practical / Clinical Performance
3.	Viva Voce, MCQs, MEQ (Modified Essay Questions/Structured Questions)
4.	Open Book Test (Problem Based)
5.	Summary Writing (Research Papers/ Samhitas)
6.	Class Presentations; Work Book Maintenance
7.	Problem Based Assignment
8.	Objective Structured Clinical Examination (OSCE), Objective Structured Practical Examination (OPSE), Mini Clinical Evaluation Exercise (Mini-CEX), Direct Observation of Procedures (DOP), Case Based Discussion (CBD)
9.	Extra-curricular Activities, (Social Work, Public Awareness, Surveillance Activities, Sports or Other Activities which may be decided by the department).
10.	Small Project
11.	Specific Periodic Assessment AyUG- SN & AI Sanskrit (3 PA / term) Quiz, Puzzles, Word cloud, Cross words, Preparation of charts, mindmaps, Assignments, Open book test, Recitation. Sanskrit Topics 8 and 9 शब्दरूपाणि and धातुरूपाणि from paper 1 can be asked for recitation, word cloud, crossword etc. in all Terms Test and viva or any from above table. Ayurved Itihas (3 PA/term) Quiz, Puzzles, Word cloud, Cross words, Preparation of charts, mindmaps, Assignments, Open book test, Video Clips making. Any of Evaluation Methods for Periodical Assessment

6 E- Paper Layout

I PROFESSIONAL BAMS EXAMINATIONS

AyUG SN & AI

PAPER-I

Time: 3 Hours Maximum Marks: 100

INSTRUCTIONS: All questions compulsory

TOTAL MARKS 100 Sanskrit

		Number of Questions	Marks per question	Total Marks
Q 1	Multiple Choice Questions (MCQ) All Sanskrit	20	1	20
Q 2	Short answer questions (SAQ) All Sanskrit	8	5	40
Q 3	Long answer questions (LAQ) All Sanskrit	4	10	40
				100

I PROFESSIONAL BAMS EXAMINATIONS

AyUG SN & AI

PAPER-II

Time: 3 Hours

INSTRUCTIONS: All questions compulsory

TOTAL MARKS 100 = [Sanskrit, (LAQ and SAQ) 80 marks + Ayurved Itihas, (MCQ) 20 marks]

		Number of Questions	Marks per question	Total Marks
Q 1	Multiple Choice Questions (MCQ) Ayurved Itihas, (all 20)	20	1	20
Q 2	Short answer questions (SAQ) All Sanskrit	8	5	40
Q 3	Long answer questions (LAQ) All SaAnskrit	4	10	40
				100

6 F- Disribution of Theory Exam

	Paper I: Sanskrit			D Type of Questions “Yes” can be asked. “No” should not be asked.		
	A List of Topics	B Term	C Marks	MCQ (1 Mark)	SAQ (5 Marks)	LAQ (10 Marks)
1	संस्कृतवर्णानाम् परिचयः – माहेश्वरसूत्राणि, उच्चारणस्थानानि, बाह्यप्रयत्नानि, अभ्यन्तर प्रयत्नानि	I	05	5	No	No
2	संज्ञा- 2.1 - संयोगः, संहिता, ह्रस्वदीर्घप्लुतः, अनुनासिकः, पदम्, धातुः, उपसर्गः, गुणः, वृद्धि 2.2 - इत्, लोपः, प्रत्याहारः, उदात्तः, अनुदात्तः, स्वरितः, सवर्णः, निपातः, प्रगृह्यम्,	2.1 – I 2.2 – II	05	5	No	No
3.	उपसर्गः- उपसर्गाः क्रियायोगे प्र, परा, अप, सम्, अनु, अव, निस्, निर्, दुस्, दुर्, वि, आङ्, नि, अपि, अधि, अति, सु, उत्, अभि, प्रति, परि, उप	II	05	No	Yes (1 que of 5 marks)	No
4.	अव्ययानि 4.1 - च अपि खलु हि तु किल ननु वा च एव 4.2- पुनः विना उच्चैः ऋते एवम् सह सार्धम् युगपत् यथा – तथा यावत्-तावत् इति यदा-तदा यदि- तर्हि साकम् न कुत्र कति कुतः किमर्थम्, कियत् इह अत्र तत्र सर्वत्र अन्यत्र कुत्र एकत्र सदा अन्यथा एकथा A) Identify अव्ययानि B) Explain the meaning with reference to the context C) Construct the sentences using अव्ययानि	I A II B III C	5	No	Yes (1 que of 5 marks)	No
5.	कारकप्रकरणम् तथा वाच्य प्रयोगः – कर्तृकारकम्, कर्मकारकम्, करणकारकम्, सम्प्रदानकारकम्, अपादान कारकम्, अधिकरणकारकम्, सम्बन्धः, उपपदविभक्तिः A) Discriminate the विभक्ति and their meaning. B) Identify the karakas from Ayurveda texts like करणम् कारणम् C) Construct sentences D) Translate sentences from English to Sanskrit & from Sanskrit to English.	I A II B III C, D	15	5	Yes (1 que of 5 marks)	Yes (1 que of 5 marks)

6.	सन्धिः 6.1 - अच् सन्धिः/स्वरसन्धिः - यण् सन्धि- इको यणचि, गुण सन्धि=आहुणः वृद्धिसन्धिः-वृद्धिरेचि, अयवायाव सन्धिः - एचोऽयवायाव/ःवान्तो यि प्रत्यये, लोप सन्धिः-लोपः शाकल्यस्य, पररूपसन्धिः-एङि पररूपम्, पूर्वरूपसन्धि- एङः पदान्तादति, प्रकृतीभाव- सर्वत्र विभाषा गोः, प्लुत प्रगृह्य अचि नित्यम् 6.2 - हल्सन्धिः /व्यञ्जनसन्धिः - श्रुत्वसन्धि -ःस्तोः श्रुना श्रुः, ष्रुत्वसन्धि -ःश्रुना ष्रुः, जश्त्व सन्धि-ःझलां जशो/न्ते, अनुनासिकसन्धि-ःयरोऽनुनासिकेऽनुनासिको वा/प्रत्यये भाषायां नित्यम्, परसवर्णसन्धि-ःतोर्लि/ःवा पदान्तस्य, चर्त्वसन्धिः खरि च, पूर्वसवर्णसन्धि-ःझयोऽहोऽन्यतरस्याम्, छुत्वसन्धिः शश्छोऽटि /छत्वममीति वाच्यम्, अनुस्वारसन्धि -ः मोऽनुस्वारः, तुगागमसन्धि-ः शि तुक्/छे च/पदान्ताद्वा, रुत्वआदेशसन्धि-ः नश्छव्यप्रशान् 6.3 - विसर्गसन्धिः - रुत्वसन्धि-ःससजुषो रुः, उत्त्वसन्धि-ः अतो रोरप्लुदादप्लुते/हशि च, रो रि, भो भागो अघो अपूर्वस्य योऽशि, रोऽसुपि, एतत्तदोः सुलोपोऽकोरनञ् समासे हलि, सोऽचि लोपे चेत् पादपूरणम् 6.4.- रुत्वप्रकरणसन्धि-ः [सङ्क्षिप्य पाठनम् – Brief teaching] समः सुटि, कानाम्नेडिते च, अत्रानुनासिको पूर्वस्य तु वा, अनुनासिकात्परोऽनुस्वारः, खरवसानयोर्विसर्जनीयः, विसर्जनीयस्य सः, सम्पुङ्कानां सो वक्तव्यः	II	15 (6.1-5marks) 6.2/6.4-5marks 6.3 – 5marks)	No	Yes (1 que of 5 marks)	Yes 10 (1 Que. of 10 marks)
7.	समास 7.1 - अव्ययीभावसमासः - 7.1.1 - अव्ययम् विभक्तिसमीपसमृद्धिव्यर्थार्थाभावात्ययसम्प्रतिशब्दप्रादुर्भावपश्चाद्यथानुपूर्व्ययौगपद्यसादृश्यसम्पत्तिसाकल्यान्तवचनेषु 7.1.2. - प्रथमा निर्दिष्टम् उपसर्जनम्, उपसर्जनं पूर्वम् /नाव्ययीभावादतो/ म् त्वपञ्चम्या/ः तृतीयासप्तम्योर् बहुलम्/अव्ययीभावे चाकाले 7.2. - तत्पुरुष समासः - द्वितीया श्रितातीतपतितगतात्यस्तप्राप्तापन्नैः, तृतीया तत्कृतार्थेन गुणवचनेन, कर्तृकरणे कृता बहुलम्, चतुर्थी तदर्थार्थ बलिहितसुखरक्षितैः, पञ्चमीभयेन, षष्ठी, सप्तमीशौण्डे, विशेषणं विशेष्येणबहुलम्, उपमानानि सामान्यवचनैः, नञ्, कर्मधारय, द्विगुः उपपद तत्पुरुष	II	15 (7.1.1 & 7.1.2 -- 5marks) 7.1.3 – 5marks 7.14 & 7.15 – 5marks)	No	Yes (1 que of 5 marks)	Yes 10 (1 Que. of 10 marks)

	7.3 - बहुव्रीहि समास - : अनेकमन्यपदार्थे 7.4 - द्वन्त्वसमास - : चार्थे द्वन्द्वः					
8.	शब्दरूपाणि 8.1 - पुल्लिङ्ग शब्दरूपाणि अकारान्तः - वात, वैद्य, रुग्ण, राम आदि इकारान्तः - अग्नि, मुनि आदि उकारान्तः - ऋतु, भानु गुरु आदि ऋकारान्तः - नृ, धातृ, पितृ आदि ओकारान्तः - गो आदि नकारान्त - श्लेष्मन्, रोगिन्, ज्ञानिन् आदि सकारान्त - चन्द्रमस् आदि तकारान्त - मरुत् आदि दकारान्त - सुहृद् आदि जकारान्त - भिषज्, आदि शकारान्तः - कीदृश्, एतादृश् आदि 8.2 - स्त्रीलिङ्ग शब्दरूपाणि आकारान्त :- बला, कला, स्थिरा, माला आदि इकारान्तः - सम्प्राप्ति, प्रकृति, मति आदि ईकारान्तः - धमनी, नदी आदि उकारान्तः - रज्जु, धेनु आदि ऊकारान्तः - वर्षाभू, वधू आदि ऋकारान्त :- मातृ आदि चकारान्तः - वाच् आदि तकारान्तः - योषित्, सरित् आदि दकारान्तः - परिषद् आदि जकारान्तः - स्रज् आदि सकारान्तः - जलौकस्, सुमनस् आदि षकारान्तः - प्रावृष् आदि 8.3 - नपुंसकलिङ्ग शब्दरूपाणि अकारान्तः - पित्त, वन आदि उकारान्तः - अश्रु, मधु आदि इकारान्तः - अक्षि, अस्थि, वारि, दधि आदि ऋकारान्तः - ज्ञातृ, धातृ आदि नकारान्तः - वर्त्मन्, दण्डिन् आदि सकारान्तः - स्रोतस्, मनस् आदि षकारान्तः - सर्पिष्, आयुष् आदि तकारान्तः - शकृत्, जगत् आदि 8.4- सर्वनामपदानि - अस्मद्, युष्मद्, तद्, एतद्, यद्, किम्, इदम् आदि	I	10	No	Yes (1 que of 5 marks)	Yes (1 que of 5 marks)
9.	धातुरूपाणि- 9.1 - परस्मैपदि - लट्/लृट्/लङ्/विधिलिङ्/लोट् भ्वादि गण - भू सत्तायाम्, क्षि क्षये, गम्/गम् (गतौ, पा	I	10	No	Yes (1 que of 5 marks)	Yes (1 que of 5 marks)

	पाने, जीव्, पच्, त्यज्, दृश्(पश्य) अदादि गण - अद् भक्षणे, हन् हिम्सागत्योः, वा गतिगन्धनयोः पा रक्षणे, अस्, श्वस्स्वप्, ्रब्रू, जुहोत्यादि गण- धा धारणपोषणयोः, पृ - पलनपूरणयोः, हा त्यागे, दा (दाञ्) दिवादि गण- दिवु क्रीडादौ, त्रसी उद्वेगे, पुष् पुष्टौ, कुप्, नश्, तुष्, स्निह्, जृ स्वादि गण- चिज् चयने, शक्श्च, तुदादि गण- तुद् व्यथने, कृष् विलेखने, लिख् लेखने, दिश्, कृन्त्, क्षिप्, स्पृश् रुधादि गण- रुधिर् आवरणे, भिदिर् विदारणे, भुज् तनादि गण- तनु विस्तारे, कृञ् करणे क्रयादि गण- प्रीज्- तर्पणे कान्ते च, ग्रह उपादाने ज्ञा चुरादि गण- गण् संस्थाने, साध्, ताड्, धृ, कथ् वाक्यप्रबन्धे आत्मनेपदि - भ्वादि गण - वृतु वर्त्तने, वृध्(वर्ध्), लभ्, सेव्, रुच् अदादि गण - शीङ् स्वप्नेब्रू, जुहोत्यादि गण- धा धारणपोषणयोः, दा (दाञ्), दिवादि गण- जनी प्रादुर्भावे, मन्, बुध्, पद्, विद् स्वादि गण- चिज् चयने, तुदादि गण- तुद् व्यथने, कृष् विलेखने, म्रि, विद्, मुच्, सिञ्च्, रुधादि गण- रुधिर् आवरणे, भिदिर् विदारणेभुज्, ्र तनादि गण- तनु विस्तारे, कृञ् करणे क्रयादि गण- प्रीज्- तर्पणे कान्ते च, ग्रह उपादाने ज्ञा चुरादि गण- चूर्, क्षाल्, कथ्, घोष्, भक्ष् आयुर्वेदसंहितासु विद्यमानानां धतुरूपाणां परिचयीकरणम् अभिकाम्यम् 9.2 - लृङ्ग, आशीर्लिङ्ग, लिट, लुङ्ग, लुङ [सङ्क्षिप्य पाठनम्-Brief teaching] भ्वादि गण, अदादि गण, जुहोत्यादि गण, दिवादि गण, स्वादि गण, तुदादि गण, रुधादि गण, तनादि गण, क्रयादि गण, चुरादि गण पूर्वोक्तधातुष्वेकस्य पञ्चलकारेषु रूपाणि दर्शयेत् परं परीक्षायाम् न पृष्टव्यानि					
10	प्रत्ययाः 10.1 – क्त - क्तवत्, तव्यत् – अनीयर्, शतृ – शानच्, ल्युट् - ण्वुल्, क्त्वा - ल्यप्, णिनि, क्तिन्, तुमुन् प्रत्ययाणाम् प्रयोगाः एव पृष्टव्याः 10.2 - भावे घञ्, करणे घञ्, भावे ष्यञ्, कर्मणि ण्यत्, कर्त्तरि अच् अप् आयुर्वेदसंहितायां विद्यमानानां भावे/करणे/कर्त्तरि/ताच्छील्ये/ आदि प्रत्ययानां परिचयः करणीयः परं परीक्षायाम् न	I	10	3	Yes (2 Que of 1 mark)	Yes (1 que of 5 marks)

	पृष्ठव्या : परीक्षायाम् वाच्य प्रयोगः स्वरूपे पृष्ठव्य :					
11	विशेषण विशेष्य	II	05	2	Yes (3 Que of 1 mark)	No

	Paper II Sanskrit and Ayurved Itihas			D Type of Questions “Yes” can be asked. “No” should not be asked.		
	Part A Sanskrit List of Topics	B Term	C Mar ks	MCQ (1 Mar k)	SAQ (5 Marks)	LAQ (10 Marks)
1	निरुक्ति तथा पर्याय पदानि— A) आयुः ,शरीर, मनः, अग्निः, जलम्, वातः, पित्तम्, कफः B) रस, रक्त, मांस, मेद, अस्थि, मज्जा, शुक्र , इन्द्रियम्,श्रोत्रः, चक्षुः, रसना ,, घ्राण (C धी, धृति, स्मृति,बुद्धी, मति , प्रज्ञा ,मूत्र ,पुरीषः, स्वेद, आत्मा, रोगः,निदानम् ,रोगि ,:भेषजचिकित्सा , आदि	A -I B – II C- III	15	No	Yes (2 que of 5 marks)	Yes (1 que of 5 marks)
2	परिभाषापदानि – A) आयुर्वेदः, पञ्चमहाभूतानि, त्रिगुणम्, दोषाः, मलाः, दूष्यम्, सम्सर्गः, सन्निपातः B) द्रव्य,गुण , कर्म ,सामान्य, विशेष, गुरु, लघु, प्रकृतिः, विकृतिः,चयः, प्रकोपः, प्रसरः, स्थानसम्प्रयः, दोषगतिः भेदः, रसः, वीर्यम्, विपाकः, कार्यकारणभावः C) स्रोतस् , कोष्ठः, आमम्, विरुद्धाहम्, विरुद्धाहारः, विदाहि, विष्टम्भि, सात्त्व्यम्, ओक्सात्त्व्यम्, देशसात्त्व्यम्, अत्यशनम्, अध्यशनम्, स्थानी, योगवाही, पथ्यम्, अपथ्यम्, कृतान्नवर्गः, अवस्थापाकः, वेगः ,शोधन,शमन , लंघन , बृहण, अनुपान आदि	A - I B - II C- III	20	No	Yes (2 que of 5 marks)	Yes (1 Que. of 10 marks)
3.	अन्वयलेखनम् - A) अष्टाङ्गहृदयम् सूत्रस्थानम् –अध्यायत :सर्वाणि सूत्राणि १.आयुष्कामीयम् २.दिनचर्या ३.रोगानुत्पादनीयम् B) अष्टाङ्गहृदयम् सूत्रस्थानम् –अध्यायत :सर्वाणि सूत्राणि दोषादिविज्ञानीयम् दोषभेदीयम् दोषोपक्रमणीयम् द्विविधोपक्रमणीयम् C) वैद्यकीय सुभाषितसाहित्यम् – shloka numbers - प्रथमः 1, 2 द्वितीयः 1, 7 तृतीयः 9	A- I B - II C - III	30 (A B C 10 mark s each)	No	Yes (3 que of 5 marks)	Yes (1 Que. of 10 marks and 1 Que of 5 marks as part A of Que. 3)

	चतुर्थः 2, 3 पञ्चमः 2, 3 षष्ठः 1, 4, 7 सप्तमः 2, 5, 17 अष्टमः 13, 12 नवमः 12, 13 दशमः 1, 19 एकादशः 1, 2 द्वादशः 1, 6 त्रयोदशः 1, 7, 8, 9 चतुर्दशः 2, 3, 4 पञ्चदशः 7, 10 षोडशः 5, 6 सप्तदशः 1, 4 अष्टादशः 1, 2, 3 एकोनविंशतिः 2, 3, 4 विंशतिः , 12, 3, 4					
4.	पञ्चतन्त्र-अपरीक्षितकारकम् ५ अध्याय	III	15	No	Yes (1 que of 5 marks)	Yes (1 que of 10 marks)
	Part B Ayurved Itihas					
	All Topics			Yes	No	No

6 G- Question paper blue print Paper I – Sanskrit

A Question Sr. No	B Type of Question	C Question Paper Format
Q1	Multiple choice Questions (MCQ) 20 Questions 1 mark each All compulsory Must know part 15 MCQ, Desirable to know 3 MCQ. Nice to Know 2 MCQ	1. Topic number 1 2. Topic number 1 3. Topic number 1 4. Topic number 1 5. Topic number 1 6. Topic number 2 7. Topic number 2 8. Topic number 2 9. Topic number 2 10. Topic number 2 11. Topic number 5 12. Topic number 5 13. Topic number 5 14. Topic number 5 15. Topic number 5

		16. Topic number 10 17. Topic number 10 18. Topic number 10 19. Topic number 11 20. Topic number 11
Q2	Short answer Questions (SAQ) 8 questions 5 marks for each que. All compulsory Must know part 7 questions, 1 question on Desirable to know. No Questions on Nice to know.	Q1 Topic 6 अधोदत्तानां पदानां सन्धिं छित्वा वा योजयित्वा लिखत (5 Que x 1 marks each) Q2 Topic 7 अधोदत्तानां पदानां विग्रहवाक्यं समस्तपदं वा लिखत 5 Que x 1 mark each Q3 Topic 4 - अधोदत्तैः अव्ययपदैः रिक्तस्थानम् पूरयत 5 Que x 1 mark each Q4 Topic 8 - शब्दरूपाणि लिखत (5 Que x 1 mark each) Q5 Topic 3 - उपसर्गाः (स्व)वाक्येषु योजयत 5 Que x 1 mark each Q6 Topic 10 and 11- (स्व)वाक्येषु योजयत – 5 Que x 1 mark each Q7 Topic 9 - धातुरूपाणि लिखत 5 Que x 1 mark each Q8 Topic 5, 6 – अधोदत्ते श्लोके रेखाङ्गितानां पदानां कारकसंबन्धं विशदीकृत्वा / निश्चयीकृत्वा तदनुसृत्य पदानां अर्थं लिखतु (shlokas should be taken from the syllabus.) 5 Que x 1 mark each
Q3	Long answer Questions (LAQ) All compulsory 4 questions 10 marks for each que. All questions on must know. No Questions on Nice to know and Desirable to know.	Q1 Topic 8, 5 – उचितं शब्दरूपं विलिख्य वाक्ये योजयत 5 Que. X 2 mark Q2 Topic 7 - अधोदत्तेषु श्लोकेषु रेखाङ्गितानां समस्तपदानां विग्रहवाक्यं समस्तपदम् वा समासनाम्ना सह लिखत (Underline 5 Samast padas or give 5 Vighraha vakyaas from a 5 to 7 line passage or 2 to 3 shlokas from the syllabus.) 5 Que. X 2 marks Q3 Topic 6 - अधोदत्ते परिच्छेदे रेखाङ्गितानां सन्धिं छित्वा वा योजयित्वा सन्धि सूत्रम् च लिखत (Underline 5 Sandhi padas or Sandhi Vighrahas from a 5 to 7 line passage or 2 to 3 shlokas from the syllabus.) 5 Que. X 2 marks Q4 Topic 5, 9, 10 - अ) अधोदत्तस्य धातोः तव्यत् तुमुन् ल्यप् क्वत् शतृ/शानच् प्रत्ययरूपाणि लिखत 5 Que. X 1 marks आ) वाच्य प्रयोगः 5 Que. X 1 marks (Sentences should be taken from syllabus Panchatantra.)

A Question Sr. No	B Type of Question	C Question Paper Format
Q1	Multiple choice Questions (MCQ) Ayurved Itihas 20 Questions 1 mark each All compulsory Must know part 15 MCQ, Desirable to know 3 MCQ. Nice to Know 2 MCQ	All Questions From Ayurved Itihas . Paper II Part B 1. Topic number 1/2 2. Topic number 3/4 3. Topic number 5/6 /7 /8 4. Topic number 9/ 10 5. Topic number 1/2 6. Topic number 3/4 7. Topic number 5/6 /7 /8 8. Topic number 9/ 10 9. Topic number 1/2 10. Topic number 3/4 11. Topic number 5/6 /7 /8 12. Topic number 9/ 10 13. Topic number 1/2 14. Topic number 3/4 15. Topic number 5/6 /7 /8 16. Topic number 9/ 10 17. Topic number 1/2 18. Topic number 3/4 19. Topic number 5/6 /7 /8 20. Topic number 9/ 10
Q2	Short answer Questions (SAQ) Sanskrit All compulsory 8 questions 5 marks for each que. Must know part 7 questions, 1 question on Desirable to know. No Questions on Nice to know.	1. Topic number 3 अधोदत्तस्य श्लोकस्य पदच्छेदं लिखित्वा रेखाङ्गितानां पदानां शब्दरूपाणि धातुरूपाणि वा लिखत 2. Topic number 3 अधोदत्तस्य श्लोकस्य अन्वयम् अर्थम् च लिखत 3. Topic number 2/3 अधोदत्तस्य श्लोकस्य अन्वयम् अर्थम् च लिखत 4. Topic number 3/ 4 प्रयोगं विपरिणमयत 5 Que x 1 markeach 5. Topic number 2 अधोदत्तानाम् टिप्पणिलिखत 6. Topic number 1 शब्दस्य निरुक्तिं तथा पर्यायवचनानि च लिखत 7. Topic number 3/4 संस्कृत भाषायां अनुवदत 8. Topic number 3/4 मातृभाषायां अनुवदत
Q3	Long answer Questions (LAQ) Sanskrit All compulsory 4 questions 10 marks for each que.	1. Topic 4 अधोदत्तकथायाः साराम्शं सम्स्कृत भाषायाम् लिखत or Comprehension. 2. Topic 2 अधोदत्तानाम् टिप्पणिलिखत 2x5 (5 marks for each) 3. Topic 1, 3 A) प्रश्नानाम् पूर्णवाक्येन उत्तराणि लिखत 5 Que.X 1 Mark for each B) निरुक्तिं तथा पर्यायवचनानि च लिखत 5 Que. X 1 mark for each

	All questions on must know. No Questions on Nice to know and Desirable to know.	4. Topic 3 अधोदत्तस्य श्लोकस्य पदच्छेदं विग्रहवाक्यम् अन्वयः वाक्यार्थं शास्त्रार्थं च लिखत 5 Que. X 2 marks
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6 H - Distribution of Practical Exam

Practical 100 Marks – (Viva 75 + Elective 10 + IA 15) Marks

SN		Heads	Marks
A	VIVA (75)		
	1	Reading (structured approach)	10
	2	Shabdarupani and Karakani	10
	3	Sandhi and Padachcheda, Dhaturupani	10
	4	Samas	5
	5	Paribhasha, Nirukti	5
	6	Anvay	10
	7	Constructing sentences and conversation	10
	8	Compilation/ Record writing [Compilation/ Record writing book should contain 1. Anvay 2. Padachcheda 3. Samas 4. Shabdarupani 5. Dhaturupani 6. Bhavarth Of the 40 shlokas from Sanskrit Paper 2 topic numbers 3 A and B Ashtanga Hridayam and ten verses from Charak Samhita Sutrasthan 5 and 6 from Samhita Adhyayan - 1 subject.]	10
	9	Communication Skill	5
B	Internal Assessment (15)		15
C	Electives (10)		10
		Total Marks	100

7. References/ Resources

Sanskrit

Books

1. संस्कृतपाठ्यपुस्तकम् प्रथमः तथा द्वितीयभागः- Sanskrit for Ayurveda part- I and Part –II Published by CCIM New Delhi
2. आयुर्वेदस्य भाषा-पञ्चभागः- Ayurvedasya bhaSha part I to part –V samskrita samvardhana prathisthan mumbai
3. लघुसिद्धान्तकौमुदिः - वरदराज - Laghusiddhantakaumudi of bhattojidikshita
4. सिद्धान्तकौमुदि – भट्टोजिदीक्षितः siddhantakaumudi
5. वैद्यकीयसुभाषितसाहित्यम् - Vaidyakiyasubhashitasahityam, भास्कर गोविन्द घाणेकर, चौखम्बा प्रकाशन
6. पन्तन्त्रम् अपरीक्षितकारकम् - Pancatantra aparikshitakararakam 1 to 5 stories
7. शब्दकल्पद्रुमः - Sabdakalpadruma:
8. वाचस्पत्यम्- Vachaspatyam
9. अमरकोशः- Amarakosha
10. सिद्धारूपम् - Siddharupam
11. धातुपाठः- Dhatupatha
12. Sanskrit to English and English to Sanskrit Dictionary – Monier Williams
13. Sanskrit to Hindi and Hindi to Sanskrit Dictionary – Va. Shi. Apte
14. Sanskrit to Regional/ Desirable language dictionaries.
15. Ayurvediya Shabdakosha
16. Encyclopedic dictionary of Ayurveda – Dr. Kanjiv Lochan, Dr. P.S. Byadgi (Chaukhambha Publications)

Online Recourses:-

- Crossword Online
<https://crosswordlabs.com/>
- Readymade Sanskrit Puzzles
<http://webapps.samskrutam.com/tools/CrosswordPuzzle.aspx>
- Learning Sanskrit - Pronunciation 1
<https://www.sanskrit-trikashaivism.com/en/learning-sanskrit-pronunciation-1-1/456>
- Pronunciation of all Sanskrit letters.....
sanskritdocuments.org
http://sanskritdocuments.org/learning_tools/sarvanisutrani/allsutrani.htm
sanskrit.jnu.ac.in
<http://www.taralabalu.org/panini/greetings.htm>
- Vyakarana –
<https://sites.google.com/site/samskritavyakaranam/>
- कोशाः / Dictionaries -
- Cologne Digital Sanskrit Lexicon:
<https://www.sanskritlibrary.org/cologne.html>

<https://www.sanskritdictionary.com/>

www.monierwilliams.com

- Sanskrit Computational tools Samsadhani-
<https://sanskrit.uohyd.ac.in/scl/>
- Learning
<https://www.learnsanskrit.cc/>
- The Sanskrit Heritage Site
<https://sanskrit.inria.fr/>
- Sanskrit Dictionary for Spoken Sanskrit
www.learnsanskrit.cc
https://spokensanskrit.org/index.php?mode=3&direct=es&script=hk&tran_input=name

Ayurved Itihas

Reference book

1. Upodghata of Kashyapasamhita (Paragraph of acceptance of Indian medicine) Rajguru Hem Raj Sharma
2. Upodghata of Rasa Yogasagar Vaidya Hariprapanna Sharma
3. Ayurveda Ka Itihas KaviraSuram Chand
4. Ayurveda Sutra Rajvaidya Ram Prasad Sharma
5. History of Indian Medicine (1-3 part) Dr. GirindrNath Mukhopadhyaya
6. A Short history of Aryan Medical Science Bhagwat Singh
7. History of Indian Medicine J. Jolly
8. Hindu Medicine Zimer
9. Classical Doctrine of Indian Medicine Filiyosa
10. Indian Medicine in the classical age AcharyaPriyavrata Sharma
11. Indian Medicine (Osteology) Dr. Harnley
12. Ancient Indian Medicine Dr. P. Kutumbia
13. Madhava Nidana and its Chief Commentaries (Chapters highlighting history) Dr. G.J. Mulenbelt
14. Ayurveda Ka BrihatItihasa Vaidya Atridev Vidyalankara
15. Ayurveda Ka VaigyanikaItihasa Acharya Priyavrata Sharma
16. Ayurveda Ka PramanikaItihasa Prof. Bhagwat Ram Gupta
17. History of Medicine in India Acharya Priyavrata Sharma
18. Vedome Ayurveda Vaidya Ram GopalS hastri
19. Vedomein Ayurveda Dr. Kapil Dev Dwivedi
20. Science and Philosophy of Indian Medicine Dr. K.N. Udupa
21. History of Indian Medicine from Pre-Mauryan to Kushana Period Dr. Jyotirmitra
22. An Appraisal of Ayurvedic Material in Buddhist literature Dr. Jyotirmitra
23. Mahayana Granthon mein nihita Ayurvediya Samagri Dr. RavindraNathTripathi
24. Jain Ayurveda Sahitya Ka Itihasa Dr. Rajendra Prakash Bhatnagar
25. Ayurveda- Prabhashaka Jainacharya Acharya Raj Kumar Jain
26. CharakaChintana Acharya Priyavrata Sharma
27. Vagbhata Vivechana Acharya Priyavrata Sharma
28. Atharvaveda and Ayurveda Dr. Karambelkara
29. Ayurvedic Medicine Past and Present Pt. Shiv Sharma
30. Ancient Scientist Dr. O.P. Jaggi
31. Luminaries of Indian Medicine Dr. K.R. Shrikanta Murthy
32. Ayurveda Ke Itihasa Ka Parichaya Dr. RaviduttaTripathi
33. Ayurveda Ke Pranacharya Ratnakara Shastri
34. Ayurveda Itihasa Parichaya Prof. Banwari Lal Gaur