



॥अभ्यासात् प्राप्यते दृष्टिः
कर्मसिद्धिप्रकाशिनी ॥

2.6.1. b. Methods of the assessment of learning outcomes and graduate attributes

1. Department of Samhita siddhant-

Subject 1-

Sanskritam (2017– 1 year pattern)-

Theory - 100Marks

Paper I – (section A and B) - 100 Marks

Part A includes Sangya prakaranm , Karak prakaranm, Sandhiprakaranam, Shadling prakaranm, Dhatuprakaranm, Samasprakaranm, Vachyaprayog, pratyay ,Anuvad Part B includes Aarsh Granth Adhyayan ,Vaidyakiy Subhashit Sahityam, Panchatantram

Practical – NA

Sanskrit – AyUG- sanskrit Evam Ayurved Itihas (2021 – 1 & 1/2 year pattern)

Theory - 200 Marks

Papers - I and II with section A and B and C

Paper I – (section A and B and c) - 100 Marks

It includes varnparichayah,Sangya,Upasarg, Avyay , Karak, Sandhi,Samas, Shabdrupani, Dhaturupani, Pratyay, Visheshan visheshy

Paper II – (section A and B and C) - 100 Marks

It includes Nirukti, Paryay, Paribhasha, Anvay lekhanm of shlokas of vai su sa, panchatantra, Ashtang hrudaym sutrasthan, Ayurved Itihas –Derivation and definition of ITHIHAS Aayurvedavataran, Bruhat trayi laghu trayi, different sanskruties, Vrukshayurved, Hastyayurved, Ashwayurved, Status vof Ayurved during period of Ashok, Mughal, British rule, scholars of modern era, Globalization of Ayurved Developmental activites in Ayurved in the post independace period.

Practical – 100 Marks

1. Activity book – 10 Narks

Activities done during Nonlecture hours

2. Internal Assessment - 15 Marks

Average marks of periodicals and term End Exams

3. Electives – 10 Marks

Marks of completion of the electives

4. Communication skills -5 Mar

5. Constructing sentences and conversion - 10 Marks

6. Anvay - 10

7. Paribhasha, Nirukti - 5

8. Samas -5

9. Sandhi and padchheda, Dhaturupani -10

10. Shabdrupani, karakani -10



11. Reading-10

Subject 2-

Padarthavijnanam Evam Ayurved Itihas (2017 – 1 year pattern)

Theory - 200 Marks

Papers - I and II with section A and B

Paper I – (section A and B) - 100 Marks

It includes Basic principles of Ayu, Ayurveda, Darshan, Dravya, Guna, Karma, Samanya, Vishesh,

Samaway, Abhava

Paper II – (section A and B) - 100 Marks

It includes Basic principles of Pratyaksha pramana, Anumana Pramana, Upamana, Yukti, Tarka, Karya-

karana Siddhant

Practical – NA

Padarthavijnanam – AyUG- PV(2021 – 11/2 year pattern)

Theory - 200 Marks

Papers - I and II with section A and B

Paper I – (section A and B) - 100 Marks

It includes Basic principles of Ayu, Ayurveda, Darshan, Dravya, Guna, Karma, Samanya, Vishesh,

Samaway, Abhava

Paper II – (section A and B) - 100 Marks

It includes Basic principles of Pratyaksha pramana, Anumana Pramana, Upamana, Yukti, Tarka, Karya-karana Siddhant

Practical – 200 Marks

1. Activity book – 20 Marks

Activities done during Non Lecture hours

2. Spotting – 20 Marks

(4 spots)

Problem based on Principles of Padarthavijnanam

3. Practical – I – 30 Marks

Based on Pancha mahabhoot, Samanya Vishesh, Guna

4. Practical – II – 30 Marks

Based on Karyakaran, panchavayava vakya, avayav of Anuman, hetvabhas, Vada, Upamana

5. Viva – 60 Marks

General viva including recitation of shloka, questions on Darshan, Dravya/ Guna/ Karma/Samanya,/Vishesh/ Samaway, /Abhava / pramana

6. Internal Assessment - 30 Marks

Average marks of periodicals and term End Exams

7. Electives – 10 Marks

Marks of completion of the electives

Subject 3-

Maulik Siddhant Evam Ashtang Hridayam (2017 – 1 year pattern)

Theory - 90 Marks

Paper with section A and B

Based on below Syllabus-

Ashtang Hridayam Sutrasthan 30 Adhyaya.

Practical – 44 Marks



1. Compilation- 10 marks
2. Shloka Recitation- 10 Marks
3. Vastu nishtha- 10 Marks
4. Viva Voce- 14 marks

Samhita Adhyayan 01 (AyUG- SA01) (2021/22 – 1.5 year pattern)

Theory - 100 Marks

Based on below Syllabus-

- Introduction to Samhita,
- Charak Samhita Sutrasthan Adhyay 1 to 12
- Ashtanga Hridaya Adhyaya 1 to 15.

Practical – 100 Marks

A. Viva – 75 Marks

1. Viva on Record Book- 15 marks
2. Viva on Shloka Book- 10 Marks
3. Viva on Introduction to Samhita- 15 Marks
4. Viva on Ashtanga Hridayam- 15 Marks
5. Viva on Charak Samhita- 15 Marks
6. Communication Skills- 05 Marks

B. Internal Assessment – 15 Marks

C. Electives – 10 Marks

Subject 4-

Charak Samhita (Uttarardh) (2017 – 1 year pattern)

Theory - 90 Marks

Based on below Syllabus-

- Charak Samhita Chikitsasthan _30 Adhyaya.
- Charak Samhita Kalpasthan _ 12 Adhyaya
- Charak Samhita Siddhisthan _ 12 Adhyay

Practical/ Viva – 44 Marks

1. Moukhik Chikitsasthan - 14 marks
2. Moukhik Kalpasthan - 10 Marks
3. Moukhik Siddhisthan - 10 Marks
4. Laghunibandh Pustika- 10 marks

Subject 5-

Charak Samhita Purvardha (2017– 1 year pattern)

Theory - 90 Marks

Based on below Syllabus-

- Charak Samhita Sutrasthan 30 Adhyaya.
- Charak Samhita Nidansthan 08 Adhyaya
- Charak Samhita Vimansthan 08 Adhyaya
- Charak Samhita Sharirsthan 08 Adhyaya
- Charak Samhita Indriyasthan 08 Adhyaya

Practical/ Viva – 44 Marks

1. Compilation- 10 marks
2. Shloka Recitation- 10 Marks
3. Analysis of Srotasas- 10 Marks
4. Viva Voce- 14 marks

2. Department of Sharir rachana-

Theory Component having marks 200 with two papers -



Paper 1- 100 Marks

On Syllabus topics

Sharirprakram Sharira, Paribhasha Sharira, Garbha Sharira, Asthi Sharira, Sandhi Sharira, Snayu

Sharira, Peshi Sharira, Kesha Danta Nakha Sharira, Embryology, Osteology, Arthrology, Myology,

Nervous System, Endocrinology, Lymphatic System.

Paper 2- 100 Marks

On Syllabus topics

Pramana Sharira, Koshta Avum Ashaya Sharira, Sira Sharira, Dhamani Sharira, Strotas Sharira,

Kala Sharira, Indriya Sharira, Twacha Sharira, Marma Sharira, Respiratory System, Digestive System, Cardiovascular System, Urinary System, Reproductive System & Sensory organs

Practical Component having marks 200 for Practical 100 marks & Viva-Voce 70 & Internal Assessment 30 marks.

Practical exam having following heads –

Spotting 20 Marks

Koshta Ashay Sharir, Dissected organs & histology slides 20 Marks

Ashti, Sandhi, Peshi, Bones and joints 20 Marks

Marma Sharir, Surface & Radiological anatomy 20 Marks

Practical record (15 Marks) and Communication Skill (5 Marks) 20 Marks

Viva- Voce (Objective Structured) 70 Marks

Internal assessment 30 Marks

3. Department of Sharir Kriya-

Theory

Paper 1 and 2

Marks 100 for each paper

Term wise assessment methods

First term [1 to 6 months]

Periodical assessment- Total-3 (1 to 3)

[Each periodical assessment of 15 marks]

Term test- At the end of 1 st term 100 marks (Theory examination)

Second Term [7 to 12 months]

Periodical Assessment-Total-3(4 to 6)

[Each periodical assessment of 15 marks]

University theory examination

Theory Paper

Paper- I -100 marks

Paper –II- 100 marks

Internal Assessment Marks-

I] a) Three Periodical Assessment of 1st term are converted to 30 marks.

b) Term test marks are converted to 30 marks.

c) Converted marks of periodical & term test are added & divided by 2. Thus 1 st term internal assessment marks are obtained say "A"

II] a) Three Periodical Assessment of II nd term are converted to 30 marks

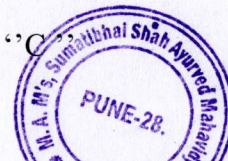
b) Term test marks are converted to 30 marks.

c) Converted marks of periodical & term test are added & divided by 2. Thus II nd term internal assessment mark are obtained say "B".

III] a) Three periodical assessment of III rd term are converted to 30 marks.

b) University exam marks are not applicable for calculation of internal assessment marks, they stand separately.

c) Therefore the average of 3 periodical test is taken as "C"



IV] Calculation of final internal assessment marks-

Final internal assessment marks are obtained by addition of A, B, C & divided by 3 there for the final internal assessment marks are out of 30. Which are separately shown in the mark list of university examination in the section of practical examination, Thus practical examination should be carried out of 170 marks and final internal assessment marks i.e 30 marks are counted together to complete the total of 200 marks of practical assessment.

Theory Assessment Methods-

II nd term test and 1 university examination are used for assessment of learning skills of a student of MCQ, SAQ and LAQ formative assessment method.

This method of assessment is useful considering cognitive, Psychomotor and affective domain.

1) MCQ- 20 multiple choice questions of “01” mark each with 4 options for each questions.

[No –ve markings]

2) SAQ- 8 short answer questions of “05” marks each (All compulsory)

3) LAQ- 4 long answer questions of “10” marks each (All compulsory)

Distribution of marks

MCQ- 20

SAQ-40 Total 100 marks for 1 paper similar marking system

LAQ-40 adapted for IInd paper.

Programme: BAMS

Course: I BAMS-Kriya- Sharir

Assessment of learning outcomes and graduate outcomes

Practical and Viva Assessment

Practical- 100 marks

Viva- 70 marks

Internal Assessment- 30 marks

Total-200 marks

Term wise assessment methods

(Practical and Viva)

Practical term test- 1 is carried out at the end of 1 st term of 100 marks, with following heads of passing.

1) Spotting examination- 10 marks

2) Ayurvediya practical examination-30 marks

3) Laboratory examination- 20 marks

4) Viva voce- 30 marks

5) Practical record/Class work verification-10 marks

Total-100 marks

Practical term test- 2 will be organized on similar grounds as term test 1 for 100 marks.

Both term test I and term test II, Practical examination marks are not converted to or are not included as internal assessment marks.

At the end of III rd term practical clinical assessment of learning each carried out with the help of organization of university practical exam for 100 marks and university viva-voce for 70 marks.

The heads of learning Assessment

Heading I – Spotting examination-

10 different spots including histology slide, ECG reports, Blood report, Specimen of prakriti character and 2 problem base tests.

For 10 marks (One mark for each spot)

Heading II- Ayurvediya practical-

This learning assessment includes following practical.



- i) Prakriti parikshan
- ii) Sara parikshan
- iii) Agni & koshta parikshan
- iv) Dosh-vridhhi- Kshay lakshan parikshana.
- v) Dhatu vridhhi- Kshay lakshana parikshana.

One or combination of more than 1 practicals are assessed for learning assessment of student

for 40 marks.

Heading III- Laboratory practical-

This assessment examination includes lab practical and human physiology practical this assessment is collectively done for 30 marks.

Laboratory practical-

1. HB
2. BT
3. CT
4. Blood group
5. Urine examination.

Human Experiment (Physiology practical)

1. Pulse
2. B.P
3. Heart sounds
4. Reflexes

Heading IV- Project Work- Assessed for 10 marks

Considering cognitive psychomotor and affective domain of learning assessment is done with the help of activity base project work, during I st year professional year.

Heading V-Practical record- For 10 marks

The clinical and writing skills of a student are assess with the help of certified practical book/journal activity book/Class work/Records etc.

Heading I-Spotting- 10 marks

Heading II- Ayurvedic practical -40 marks

Heading III- Lab practical-30 marks

Heading IV- Project work- 10marks

Heading V- Practical record- 10 marks

Head I to V- Total marks-100 mark

Viva- voce-

Viva-voce is carried out for 70 marks during university practical & oral examination at respective centers.

This viva-voce includes following heads.

- 1) General viva-voce based on Ayurved marks 20
- 2) Viva on instruments marks 20
- 3) Structure viva marks 10
 - a) Lab practical
 - b) Human physiology practical

A structure viva is organized on above practical syllabus.

- 4) Recitation verses marks 15
- 5) Communication skills marks 05

Total marks- 70

4. Department of Rognidan-vikrutividnyan

Theory- 200 marks

Paper 1- 100 marks

Paper 2- 100 marks



It evaluates the student's understanding of the basic principles of Rognidan and vyadhi vidnyan.

Journal- 10

Instruments- 10

Practical- 20

Short case- 10

Long case- 20

Viva- 20

In the practical examination, students are required to perform laboratory practical and engage in case taking activities. Each student is individually assessed during these practical sessions

5. Dravyagun vidnyan-

Theory (180 Marks)

Paper I, Section A and B (90 Marks) - fundamental principles of Dravyaguna

Paper II, Section A & B (90 Marks)- Detailed knowledge of following drugs with respect to Basonym of drug

Practical (180 Marks)

Spotting Raw drug (20 Marks)- Marks for identification of Raw drugs and question asked as per syllabus Spotting Fresh drug (20 Marks)- Marks for identification of Fresh drugs and question asked as per syllabus.

Practical (20 Marks)- Pharmacognocny T.S. practical of different plants.

Viva (60 Marks)- General table viva

Practical records (20 Marks)- Marks for records taken during pharmacognocny practicals sessions.

Herberium (20 Marks)- Marks for Soft copies of plants on standard E-Herbarium format sheets.

6. Ras shastra and bhaishajya kalpana-

Theory- 180 marks

Paper I- 90 marks on Rasashastra

Paper II- 90 marks on Bhaishajya Kalpana

Practical- 180 marks

In Practical examination, students are assessed under 6 different headings. Under Spotting, identification of the specimen and other related information e.g. Shodhan, Maran, etc. is asked. It carries 30 Marks.

Students have to perform one practical of each Rasashastra and Bhaishajya Kalpana. It includes performing practical, writing it under appropriate headings and answering the questions related to it. It carries 30 Marks each.

Next assessment criterion is Viva, in which general viva is taken on the syllabus allotted, which carry 60 Marks.

Under the Journal heading, Rasashastra and Bhaishajya Kalpana journals assessed and it carries total 20 Marks.

Under the Formulation criterion, one formulation each from Rasashastra and Bhaishajya Kalpana comprising prepared medicine and the documentation related to it is included. It carries total 10 Marks.

7. Agad tantra-

Theory paper 1-(100 marks) on agadtantra and vyavhar Ayurved

Practical- (90 marks)

Spotting- 20 marks

Viva- 70 marks

8. Swastha vrutta-

Theory (180) Marks:

Paper I (90) - Vaiyaktik Swasthavritta Yoga & Nisargopchar



Paper 2 (90)- Samajik Swasthavritta, Health Administration

Practical (90) Marks:

Vayaktik Swasthavritta (20):

The assessment of Dinacharya, Rutuchrya, Sadvritta, Trayopsthambh, Rasayan, etc. is done by procedures with demo, case taking, diet advice, problem based evaluation.

Samajik Swasthavritta (20):

The assessment of topics Janapadodhwansa Epidemiology, Apadravya Nirmoolan, School Health Services, Communicable and Non-Communicable Diseases, STD, etc. Primary Health Care, Family Welfare Prog, MCH Prog, International Health, National Health Policies, Health Administration, National Health Prog, etc. is done by Case taking, surveys, field visit reports, identification of various models, specimens, and models.

Yoga (10):

The assessment of Ashtang Yog, Pranayam, Shatkarma, Yog & Ayurved, etc is done by Yogasana & pranayam demonstration.

Nisargopchar (10):

The assessment of Nisargopchar is done by case taking, field visit reports, identification of model.

Journal (10):

Timely submission & maintenance of records

Viva (20):

General Viva & communicable skills

9. Kaumarbhrutya

Paper I

Theory 90 Marks: Kaumarabhritya Tantra (Balroga).

Practical 44 Marks :-

Journal 9 Marks : Marks for Long cases and short cases taken during the clinic lectures And Practicals done during practical hours.

Spotting 5 Marks : Marks for identification and uses of Instruments used for various practicals and Drugs used in Modern as well as Ayurvedic Practice.

Long case 20 Marks: Clinical examination of patient to be done in brief as per long case format.

Viva course 10 Marks: General viva questions.

Internal Assessment 16 Marks: Separately calculated marks based on Internal assessment.

10. Streerog-prasutitantra

THEORY 200 - 1) Paper I - PRASUTITANTRA –

Part A+ Part B=100

2) Paper II - STREEROG –

Part A+ Part B=100

PRACTICAL (TOTAL) 90

1) Long case (Clinical examination of patient as per the long case format) - 30

2) Short case (Clinical examination of patient as per the short case format) - 20

3) Drugs & Instruments (Identification, Uses, Demonstration of surgical instruments) - 10

4) General Viva -20

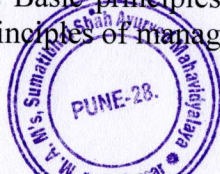
5) Journal (Marks for Long cases and short cases taken during the clinic) – 10

11. Kayachikitsa-

Assessment of learning outcomes and graduate outcome in the subject of Kayachikitsa is evaluated through theory and practical examinations.

Theory paper:

Paper I - 90 Marks – which includes Basic principles of Kayachikitsa, Basic principles of Ayurveda, general introduction and principles of management of diseases.



Paper II – 90 marks which includes Ayurvedic and modern diseases in detail and it's management through Ayurveda and modern medicines.

Theory examinations evaluate the Ayurvedic and modern diagnosis of the diseases and treatment through Ayurveda and modern medicine.

Practical Examination: 90 marks

In practical examinations, students are required to perform detailed examinations of patient as per ayurveda and modern medicine and engage in case taking and treatment part. Each student is individually assessed during these practical examinations.

12. Shalya –

Theory assessment exam consists of two papers – paper 1 and paper 2 having 90 marks each. Paper 1 contains syllabus related to basic principles of Shalyatantra, various diseases explained in Ayurved Samhitas and their relevant modern diseases. Various instruments, anesthesia knowledge etc.

Paper 2 consists of various surgical diseases- fracture, malignancies, surgical diseases of all organs.

Practical exam- 90 marks

Practical exam consist of assessment of student with various parameters. There is long case and short case in which student has to take 2 cases- one long case and one short case. Along with this assessment is done with the knowledge of various instruments, drugs and knowledge of subject.

13. Shalaky

For the subject Shalakyatantra, Assessment of learning outcomes and graduate outcome is done on the basis of theory and practical examinations.

Theory examination carries two papers of each 90 marks- total 180 marks

Paper 1- based on Shalakyatantra-Netra roga (Ophthalmology) syllabus

Paper 2- based on Shalakyatantra-Karna-nasa-mukha roga vidnyan (ENT and orodental).

Practical exam- 90 marks

Practical examination is to test students based on various headings as

Long case- 30

Short case- 15

General subject viva-20

Instruments- 15

Journal- 10

14. Panchkarma-

Theory of 90 marks - Theoretical written assessment of various karmas with textual references and Physiotherapy

Practical of 90 marks -

Long case of 30 marks - Clinical examination of patient as per the long case format i.e. Srotasa examination and Karma in detail

Short case of 20 marks - Clinical examination of patient do be done as per short case format i.e. Mention only dushta Srotasa examination and prescribe only name of karma to be done

Instruments + Journal of 10+10 marks - Instruments used for various karma e.g. Bastiputak, Bastineta, Glycerine synginge, Simple rubber catheter, Dhoomavarti, Dhoomanetra etc. and Cases with detail karma patrak taken during the clinics

General viva + Communication skill of 15+5 marks - Assessment of knowledge about all five karmas, with Purvakarma and Pashchatkarma



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PRINCIPAL

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