

Suggested pattern and marking for each paper of 40 marks

Sections	Nature of Questions	Total No. of Questions	Mark (s) per Question	Total Marks
A)	Multiple Choice Questions (MCQs) SBR = 28	28	$\frac{1}{2}$	14
B)	Short Answer Questions (SAQs)	6 out of 7	2	12
C)	Long Answer Question (LAQ)	2 out of 3	7	14
Total				40

c. Topic distribution

- A) PHARMACOLOGY PAPER I** includes General Pharmacology including drug-drug interactions; Autonomic Nervous System, Cardiovascular System including drugs affecting Coagulation and those acting on the Kidneys; Haematinics; Agents used in Gastro-Intestinal Disorders; Ocular pharmacology; Drug use at extremes of age, in pregnancy & in organ dysfunction; Diagnostic & Chelating agents; Environmental & Occupational Pollutants; Vitamins
- B) PHARMACOLOGY PAPER II** includes Neuro-Psychiatric Pharmacology including Antiinflammatory-Analgesics and Addiction & its management; Pharmacology in Surgery (particularly peri-operative management); Chemotherapy including Cancer Chemotherapy; Endocrinology; Dermatology; Miscellaneous Topics I (Lipid-derived autacoids; Nitric Oxide; Allergy - Histaminics & Antihistaminics including anti-vertigo; Anti Asthmatics; Anti-tussive agents; Immunomodulators; Vaccines & sera; Drugs acting on the uterus)

d. Marking scheme

Each paper of 40 marks as shown in the above table.

e. Nature of practicals and duration

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT.**S.Y. M.B.B.S.****Practical Heads****Marks 26****i. Prescription writing****5 Marks**

- Long (3)
- Short (2)

ii. Criticism**8 Marks**

- Prescription & rewriting (4)
- Fixed dose formulation (4)

iii. Clinical Pharmacy**5 Marks**

(dosage forms, routes of administration, label information and instructions)

iv. Spots**8 Marks**

- a Experimental Pharmacology – Graphs, Models for evaluation, Identification of a drug, Interpretation of data (1 Spot)
- b Human Pharmacodynamics - Drug Identification – urine analysis, eye chart, - Subjective / objective effects of a drug (1 Spot)
- c Therapeutic problems based on pharmaceutical factors - Outdated tablet, Bioavailability, Dosage form, Ethics and Sources of drug information (1 Spot)
- d Recognition of ADRs & interaction of commonly used drugs (1 Spot)

From **each** of the four groups (a, b, c, d), **one spot** should be kept to answer the number of questions based on respective spot. **Each** spot to carry **2 marks** amounting to a total of **8 marks** for spotting.

Time distribution:

For prescription and criticism, the time given will be ½ hour.

For clinical pharmacy practical viva will be taken on pre-formed preparations and/or marketed formulations. The students may be asked to write labels and instructions to be given to the patients or demonstrate how specific dosage forms are administered and state the precautions to be taken/ explained to the patients while using them. The time for this will be 5 min.

For spots 10 min will be given (2 min per spot).

Thus the total time for the practical examination will be approximately 1 hour.

f. Viva: duration and topic distribution

Viva	14 marks
Duration	10 mins
Four examiners	5 mins with each candidate
Two examiners	for topics of paper I - systems to be distributed
Two examiners	for topics of paper II - systems to be distributed
At each table marks will be given out of 7.	

g. Plan for internal assessment

The time-table for internal assessment will be as follows:

For the batches which have joined before June 2001**I term**

1st midterm: After 60 teaching days (MCQs, and SAQs)

1st term ending: After 120 teaching days (Theory and Pharmacy Practicals)

II term

2nd midterm: After 60 days of 2nd term (MCQs and SAQs)

2nd term ending: At the end of 2nd term (Theory and Practicals: Exptal/Clinical Pharmacy)

IIIrd term

Prelims examination on the basis of University pattern -Theory, Practicals and Viva
(Minimum 4 weeks gap mandatory between Preliminary and University examinations)

For each mid-term examination 40 MCQs (each worth 1/2 mark) will be administered to the students along with 5 SAQs (each of 2 marks with an option of 5 out of 6). The total time will be 1 hour and the total marks will be 30.

The term ending examination will be of 80 marks and the nature of questions will be as per University exam.

This will be followed by practical (total time 1½ hours).

To familiarize the students with the 'viva-vocé', the marks for the practical may be kept at only 20, while 20 marks be reserved for viva on theory topics (total 40 marks).

For the batches joining in June 2001 and later**I term**

1st term ending: After 120 teaching days (Theory and Pharmacy Practicals)

II term

2nd term ending: At the end of the 2nd term (Theory and Practicals: Exptal/Clinical Pharmacy)

IIIrd term

Prelims examination on the basis of University pattern -Theory, Practicals and Viva
(Minimum 4 weeks gap mandatory between Preliminary and University examinations)

For the terminal theory examination students will be evaluated by a combination of 28 MCQs (each worth 1/2 mark), 10 SAQs (each of 2 marks with an option of 10 out of 12) and 2 LAQs (option of 2 out of 3 each worth 8 marks). The total time allotted for this 50 marks paper will be 2hours 30minutes.

This will be followed by practicals (total time 1½ hours).

To familiarize the students with the 'viva-vocé', the marks for the practical may be kept at only 20, while 20 marks be reserved for viva on theory topics (total 40 marks).

Prelim pattern will be as per the University exam with 2 papers in theory, each of 2 hours duration.
