

Pharmacology Department Reforms



**Dr. Vasant Rao Pawar Medical College, Hospital & Research
Centre, Adgaon, Nashik – 03.
Department of Pharmacology and Therapeutics**

Blue Printing

Structured format for 1st terminal exam - Theory

Topic	Sec A MCQ (28)	Sec B (12 SAQ)	Sec C (3 LAQ)
General Pharmacology	6	3	1
ANS	6	3	1
Respiration	5	2	-
GIT	5	2	1
Autacoids	4	1	-
Vitamins	2	1	-

Structured format for 1st terminal Viva voce

Topic	Viva 1 (No. of questions)	Topic	Viva 2 (No. of questions)
General Pharmacology	4	GIT	4
ANS	5	Autacoids	4
Respiration	3	Vitamins	4

Structured format for 2nd terminal exam – Theory

Topic	Sec A MCQ (28)	Sec B (12 SAQ)	Sec C (3 LAQ)
Endocrinology	5	2	-
Chemotherapy	6	3	1
Blood	5	1	-
CVS	6	3	1
CNS	6	3	1

Structured format for 2nd terminal Viva voce

Topic	Viva 1 (No. of questions)	Topic	Viva 2 (No. of questions)
Endocrinology	4	Chemotherapy	8
CVS	4	Blood	4
CNS	4		-



Structured format for Preliminary examination Paper 1

Topic	Sec A MCQ (16)	Sec B (6 SAQ)	Sec C (3 LAQ)
General Pharmacology	3	1	1
ANS	3	1	1
CVS	3	1	1
Blood	2	1	-
GIT	2	1	-
Vitamins	2	1	-
Chelating agents	1	-	-

Structured format for Preliminary examination Paper 2

Topic	Sec A MCQ (16)	Sec B (6 SAQ)	Sec C (3 LAQ)
Endocrinology	3	1	1
Chemotherapy	3	1	1
Autacoids	2	1	-
RS	2	1	-
CNS	3	1	1
Immune modulators	1	-	-
Vaccines sera	1	-	-
Drugs acting on Uterus	1	1	-

Structured format for Preliminary examination Viva

Viva- 1		Viva-2	
Topic	No. of Questions	Topic	No. of Questions
General Pharmacology	3	Endocrinology	2
ANS	2	Chemotherapy	3
CVS	2	Autacoids	1
Blood	2	RS	1
GIT	1	CNS	2
Vitamins	1	Immune modulators	1
Chelating agents	1	Vaccines sera	1
	-	Drugs acting on Uterus	1



PG Structured format for 1st year exam - 2 papers

Paper 1

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
General Pharmacology	1	3
Screening and evaluation of drugs	1	2

Paper 2

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
Clinical pharmacology	1	4
Biostatistics	1	1

Practical exam

Topic
Experimental pharmacology

Structured format for 1st year Viva voce

Topic	Viva (No. of questions)
General Pharmacology	20
Screening and evaluation of drugs	15
Clinical pharmacology	20
Biostatistics	10



Format for 2nd terminal exam - 3 papers

Paper 1

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
CVS	1	3
CNS	1	2

Paper 2

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
Chemotherapy	1	3
Endocrinology	1	2

Paper 3

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
ANS	1	3
Recent advances	1	2

Practical exam

Topic
Experimental pharmacology
Teaching/ academics/ personality development
Clinical case discussion

Structured format for 2nd year Viva

Topic	Grand Viva (No. of questions)
CVS	20
CNS	20
Chemotherapy	20
Endocrinology	15
ANS	15
Recent advances	15



3rd year – 4 papers

Structured format for Preliminary examination Paper 1

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
General Pharmacology	1	2
Screening and evaluation of drugs	1	1
Clinical pharmacology		1
Biostatistics		1

Structured format for Preliminary examination Paper 2

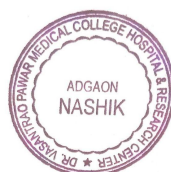
Topic	LAQ 2 (25M)	SAQ 5 (10 M)
CVS		1
CNS	1	1
Chemotherapy		1
Endocrinology	1	1
ANS		1

Structured format for Preliminary examination Paper 3

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
GIT	1	
RS		1
Autacoids		1
Skin		
Vitamins		1
Ocular pharmacology		
Immuno pharmacology	1	
Chelating		1
Drugs and pregnancy		1

Structured format for Preliminary examination Paper 4

Topic	LAQ 2 (25M)	SAQ 5 (10 M)
Recent advances	2	5



Structured format for 3rd year Viva

Topic	Grand Viva (No. of questions)
General Pharmacology	10
Screening and evaluation of drugs	10
Clinical pharmacology	10
Biostatistics	10
CVS	10
CNS	10
Chemotherapy	15
Endocrinology	15
ANS	10
GIT	10
RS	10
Autacoids	5
Skin	5
Vitamins	5
Ocular pharmacology	5
Immuno pharmacology	10
Chelating agents	5
Drugs and pregnancy	5
Recent advances	10

Practical exam

Topic
Experimental pharmacology
Teaching/ academics/ personality development
Clinical case discussion



Dr. P. B. Bhansali
Prof&HOD
Department of Pharmacology
DR. VPMCH & RC, Nashik





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Check list

Theory

Terminal Exam (1 and 2)

No.	Particulars	Marks
1	MCQ	14
2	Section B	20
3	Section C	16

Preliminary Exam

No.	Particulars	Marks
1	MCQ	8
2	Section B	20
3	Section C	12

Practical

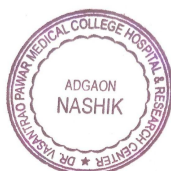
Terminal exam (1 and 2)

No.	Particulars	Marks
1	Prescription writing	5
2	Pharmacy	5
3	Spots	10
4	Viva 1	10
5	Viva 2	10

Preliminary exam

No.	Particulars	Marks
1	Prescription writing	5
2	Criticism	4
3	Justification	4
4	Pharmacy	5
5	Spots	8
6	Viva 1	7
7	Viva 2	7

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Structured format for Practical – Terminal & Preliminary examination

1) Prescription writing (OSPE) Objective Structure Practical Examination

Single drug therapy – Check List (with example)

Sr.No.	If Student Mention	Marks= 02
1	Drug name	0.5
2	Drug Dose	0.5
3	Duration frequency	0.5
4	Format	0.5

Multiple drug therapy - Check List

Sr.No.	If Student Mention	Marks= 03
1	Drug name	1
2	Drug Dose	0.5
3	Duration	0.5
4	frequency	0.5
5	Format	0.5



2. a) Criticize ,Correct & Rewrite (CCR)

Sr.No.	if Student	Marks =4
1	Criticize	1
2	Correct	1
3	Rewrite	2

b) Justification

Sr.No.	if Student Write	Marks =4
1	justification	1
2	rationale	1
3	Indication, Contraindications, Interactions	2

3. Pharmacy

Sr.No.	if Student Mention	Marks =5
1	Label	2
2	viva	3

4. Spots -10 (Terminal exam-1 and 2)

Topic	Questions
Experimental pharmacology	3
Human pharmacodynamics	3
Therapeutic problems	2
ADR & interactions	2

Spots -8 (Preliminary exam)

Topic	Questions
Experimental pharmacology	2
Human pharmacodynamics	2
Therapeutic problems	2
ADR & interactions	2



Structured format for 1st terminal Viva voce

Topic	Viva 1 (No. of questions)	Topic	Viva 2 (No. of questions)
General Pharmacology	4	GIT	4
ANS	5	Autacoids	4
Respiration	3	Vitamins	4

Structured format for 2nd terminal Viva voce

Topic	Viva 1 (No. of questions)	Topic	Viva 2 (No. of questions)
Endocrinology	4	Chemotherapy	8
CVS	4	Blood	4
CNS	4		-

Structured format for Preliminary examination Viva

Viva- 1		Viva-2	
Topic	No. of Questions	Topic	No. of Questions
General Pharmacology	3	Endocrinology	2
ANS	2	Chemotherapy	3
CVS	2	Autacoids	1
Blood	2	RS	1
GIT	1	CNS	2
Vitamins	1	Immune modulators	1
Chelating agents	1	Vaccines sera	1
	-	Drugs acting on Uterus	1



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