#### II – M.B.B.S : JULY – 2019 SUBJECT: PHARMACOLOGY – I

Day : Monday Time: 2:00 p.m. to 4:00 p.m. Date: 08/07/2019 Max. Marks: 40 N.B. 1) All questions are COMPULSORY. 2) Figures to the right indicate FULL marks. Q.1 Give Pharmacotherapy of: a) Wide angle glaucoma (05)b) Severe Asthma (05)Q.2 Write short notes on: Plasma half life with its clinical significance (04)a) Atropine substitutes (03)Uses of a blockers with rationale (03)c) Q.3 Write briefly on: a) ACE inhibitors- mechanism of action, ADRs and uses (04)Oral rehydration solution (03)b) Proton pump inhibitors- agents, mechanism of action, uses (03)Q.4 Give Pharmacological basis for the use of (ANY FIVE): (10)Spironolactone in Congestive Cardiac Failure a) Low dose Aspirin as anti-platelet agent c) Neostigmine in Myasthenia gravis d) Osmotic purgative for preparation of bowel before surgery

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Lignocaine- adrenaline combination in local anaethesia

Nitrates in Angina pectoris

e)

#### II – M.B.B.S.: SUMMER – 2019 SUBJECT: PHARMACOLOGY PAPER – II

: Tuesday Time: 2.00 p.m. to 4.00 p.m. Day : 09/07/2019 Max. Marks: 40 Date N.B.: All questions are COMPULSORY. 1) Figures to the right indicate FULL marks. 2) Q.1 Write Pharmacotherapy of: [05] a) Typhoid fever b) Idiopathic Parkinsonism [05] Q.2 Write briefly on: a) Fluoroquinolones- agents, mechanism of action, uses and ADRs [04] b) Treatment of Scabies [03] c) Compare & contrast-vaccines and sera [03] Q.3 Write short notes on: a) Sulfonylureas- agents, mechanism of action, ADRs and uses [04] b) Complications of spinal anaesthesia with their prevention and treatment [03] c) Radioactive iodine [03] Q.4 Give Pharmacological basis for the use of: (ANY FIVE) [10] a) Morphine is contraindicated in undiagnosed acute abdomen b) Gradual tapering of Glucocorticoids after its long term use c) Combined oral contraceptive pills for control of fertility d) Artemisinin combination therapy in falciparum Malaria e) Furosemide in acute left ventricular failure Cyclosporine in organ transplantation

## II – M.B.B.S.: WINTER – 2018 SUBJECT : PHARMACOLOGY – I

Day : Thursday Time: 2.00 PM to 4.00 PM Date : 10/01/2019 Max. Marks: 40 N.B.: 1) All questions are **COMPULSORY**. 2) Figures to the right indicate FULL marks. **Q.1** Give pharmacotherapy of: Gastro – oesophageal reflux disease a) [05] b) Stable angina pectoris [05] 0.2 Write short notes on: a) Warfarin – mechanism of action, uses and ADRs [04]b) Methods to prolong the duration of action of drugs [03] c) Pancuronium – mechanism of action, uses and ADRs [03]Q.3 Write briefly on: a) Losartan – mechanism of action, uses and ADRs. [04] b) Bulk forming Laxatives – mechanism of action, precautions and uses. [03] c) Mucolytic agents – examples with mechanism of action and uses. [03] **Q.4** Give pharmacological basis for the use of: (ANY FIVE) [10] Spironolactone in Congestive Cardiac Failure a) Latanoprost in wide angle glaucoma b) Budesonide in Chronic Asthma c) d) Dopamine in hypovolemic shock e) Pseudoephedrine in Cough and Cold Tamsulosin - finasteride combination in Benign Prostatic Hypertrophy f)

### II – M.B.B.S.: WINTER – 2018 SUBJECT : PHARMACOLOGY – II

Day : Friday Time: 2.00 PM to 4.00 PM Date : 11/01/2019 Max. Marks: 40 N.B.: All questions are **COMPULSORY**. 1) 2) Figures to the right indicate FULL marks. **Q.1** Write Pharmacotherapy of: Category I tuberculosis a) [05] Infertility in female b) [05] **Q.2** Write briefly on: a) Resistance to antimicrobial agents – development with examples and ways of [04] prevention b) Metronidazole – mechanism of action and uses [03] c) Antirabies vaccines [03] Q.3 Write short notes on: Carbamazepine – mechanism of action, ADRs and uses a) [04]b) Lithium – mechanism of action, ADRs [03] c) Insulin preparations [03] **Q.4** Give pharmacological basis for: (ANY FIVE) [10] Benzoyl peroxide used in Acne Vulgaris a) Gluco corticoids are contraindicated in infections b) Desferrioxamine is used in iron poisoning c) Furosemide is used in left ventricular failure d) Ritodrine is used for premature labour e) Propofol is used for induction of anaesthesia in day care surgery f)

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## SARASWATI-II : JULY – 2018 SUBJECT : PHARMACOLOGY PAPER – I

Day: Monday Time: 2.00 pm To 4.00 pm Date: 09/07/2018 Max. Marks: 40 N.B.: 1) All questions are **COMPULSORY**. 2) Figures to the RIGHT indicate full marks.  $\mathbf{0.1}$ Give pharmacotherapy of Iron deficiency anaemia a) (05)b) Status asthmaticus (05)Q.2 Write short notes on: Teratogenicity a) (04)**b)** Uses and adverse effects of H<sub>1</sub> anti-histaminics (03)Therapeutic uses of adrenaline giving rationale (03)Q.3 Write briefly on: a) Proton pump inhibitors- examples, mechanism of action, uses and adverse effects **b)** Uses of Diazepam (03)Spinal anaesthesia with its complications and measures to prevent them (03)**Q.4** Give pharmacological basis for (ANY FIVE): (10)Atenolol is preferred to propranolol for hypertension in asthmatic patients b) Aspirin is given in myocardial infarction c) Phenytoin is contraindicated in young epileptic girls with grand mal epilepsy d) Succinylcholine is used for endotracheal intubation Ondansetron is used before administration of anticancer drugs Alkalinisation of urine for Phenobarbitone poisoning

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## SARASWATI – II : JULY – 2018 SUBJECT : PHARMACOLOGY : PAPER – II

Day: Tuesday Time: 2.00 pm To 4.00 pm Date: 10/07/2018 Max. Marks: 40 N.B.: 1) All questions are **COMPULSORY**. 2) All questions carry EQUAL marks. Figures to the RIGHT indicate full marks. 3) 4) Neat labelled diagrams must be drawn WHEREVER necessary. **Q.1** Give Pharmacotherapy of: a) Stage II hypertension (05)**b)** Acute amoebic dysentry (05)0.2 Write short notes on: a) Uses and adverse effects of aminoglycosides (04)b) Rifampicin- mechanism of action, uses and adverse effects (03)c) Drugs for acne vulgaris (03)Q.3Write briefly on: a) Uses and adverse effects of corticosteroids (04)b) Glyceryl trinitrate- mechanism of action, uses and adverse effects (03)c) Uterine relaxants- examples and uses (03)Q.4 Give pharmacological basis for the use of (ANY FIVE): (10)Metformin in Type II diabetes mellitus **b)** Estrogen and progesterone combination in oral contraceptives Amoxycillin and Clavulanic acid in treatment of staphylococcal infections d) Angiotensin converting enzyme inhibitors in congestive cardiac failure e) Mannitol in glaucoma Silver sulfadiazine in burns f)

## II-M.B.B.S.: WINTER 2017 SUBJECT: PHARMACOLOGY PAPER-I

Time: 2.00 pm To 4.00 pm : Monday Day Max. Marks: 40. : 08/01/2018 Date W-2017-3271 N.B.: All questions are COMPULSORY. 1) Figures to the RIGHT indicate full marks. 2) O.1 Give Pharmacotherapy of: (05)a) Acute congestive glaucoma (05)b) Idiopathic Parkinsonism O.2 Write short notes on: (04)Plasma protein binding and its clinical implications. b) Second generation H<sub>1</sub> antihistaminics - Examples, Advantages over (03)1st generation antihistaminics and uses. Parenteral iron therapy - Preparations for use, Indications and Adverse effects. O.3 Write briefly on: (04)a) Inhalational drugs used in Bronchial Asthma. b) Surface anesthesia - Definition, drugs used with their uses at different sites. (03)c) Omeprazole - Mechanism of action, uses and adverse effects. (03)(10)Q.4 Give pharmacological basis for: (ANY FIVE) a) Homatropine is preferred over Phenylephrine for testing refractory error. b) Vitamin K is used in warfarin toxicity. c) Phenytoin is contra-indicated in young epileptic girls. d) Ispaghula is used in patients with haemorrhoides. e) Probenecid is used in chronic gout. Bromhexine is given in productive cough. f)

## II-M.B.B.S.: WINTER 2017 SUBJECT: PHARMACOLOGY PAPER-II

Time: 2.00 pm To 4.00 pm Day: Tuesday Max. Marks: 40. 09/01/2018 Date: W-2017-3272 N.B.: All questions are COMPULSORY. 1) Figures to the RIGHT indicate full marks. 2) Q.1 Write Pharmacotherapy of-(05)a) Lower urinary tract infection (05)b) Diabetic ketoacidotic coma **O.2** Write briefly on: a) Suprainfection – Definition, sites involved, 2 examples and ways (04) to minimize them. b) Name 2 topical and 2 oral drugs used in the treatment of acne (03) vulgaris with mechanism of action of any one. Tetanus toxoid – Use, schedule of administration with dose and (03) route. 0.3 Write short notes on: a) Therapeutic uses and adverse effects of Furosemide. (04)b) Enalapril - Mechanism of action, uses and adverse effects. (03)c) Post-coital contraception – Give 2 regimes with their mechanism (03) of action. Q.4 Give Pharmacological basis for: (ANY FIVE) (10)a) Patients prescribed metronidazole should abstain from alcohol during treatment b) Dextran 70 in hypovolemic shock c) Nifedipine in premature labour d) Clotrimazole in candidiasis e) Dimercaprol in Arsenic poisoning f) Beta blockers should not be combined with verapamil in the management of hypertension

## SARASWATI-II: JULY 2017 SUBJECT: PHARMACOLOGY PAPER-I

Day Date		Saturday 08/07/2017	Time: 2.00 pm To 4.00 Max. Marks: 40.	pm
N.B.:	1) 2)	All questions are <b>COMPULSORY</b> . Figures to the <b>RIGHT</b> indicate full marks.		
Q.1	Giv	re pharmacotherapy of:  Iron deficiency anemia		(05)
	b)	Moderate bronchial asthma		(05)
Q.2	Wr	ite short notes on:		
	a) b) c)	Drug antagonism – Types with examples Uses of Propranolol H <sub>1</sub> antihistaminics – examples and uses		(04) (03) (03)
Q.3	Wr	ite briefly on:		
	a) b) c)	Gastric acid reducing drugs Diazepam – Mechanism of action, uses and adverse eff Levodopa – Carbidopa combination	fects	(04) (03) (03)
Q.4	Giv	re pharmacological basis for: (ANY FIVE)	·	(10)
	<ul><li>a)</li><li>b)</li><li>c)</li><li>d)</li><li>e)</li><li>f)</li></ul>	Succinylcholine is used for endotracheal intubation Aspirin is used in Acute Myocardial Infarction Use of prostaglandin analogs in glaucoma Use of Atropine in organophosphorus poisoning Loperamide is contraindicated in infective diarrhea Ethanol is used in methanol poisoning		

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#### SARASWATI-II: JULY 2017 SUBJECT: PHARMACOLOGY PAPER-II

Day : Monday Time: 2.00 pm To 4.00 pm Date : 10/07/2017 Max. Marks: 40. N.B.: 1) All questions are **COMPULSORY**. 2) Figures to the RIGHT indicate full marks. Q.1 Write Pharmacotherapy of a) Multibacillary leprosy (05)b) Type II diabetes mellitus (05)**Q.2** Write briefly on: Third generation cephalosporins – Examples, mechanism of action and uses (04)National Immunization Schedule (03)c) PUVA therapy (03)**Q.3** Write short notes on: Therapeutic uses and adverse effects of ACE inhibitors (04)Compare and contrast – Furosemide and Hydrochlorthiazide b) (03)Tocolytic agents c) (03)Q.4 Give Pharmacological basis for the use of: (ANY FIVE) (10)Lugol's Iodine pre-operatively in Thyrotoxicosis a) b) Silver sulfadiazine in Burns Pyridoxine with Isoniazid in Pulmonary Tuberculosis c) d) Plasma expanders in management of hypovolemic shock Cyclosporin in organ transplantation e) Penicillamine in Wilson's disease f)

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#### SARASWATI-II: JANUARY 2017 SUBJECT: PHARMACOLOGY PAPER-I

Day : Monday Time: 2.00 pm To 4.00 pm Date : 09/01/2017 Max. Marks: 40. N.B.: 1) All questions are **COMPULSORY**. 2) Figures to the RIGHT indicate full marks. **Q.1** Give pharmacotherapy of: a) Myasthenia Gravis (05)**b)** Status epilepticus (05)**Q.2** Write short notes n: a) Excretion of drugs (04)**b)** Iron preparations (03)c) Therapeutic uses of adrenaline (03)Q.3 Write briefly on: a) Pre-anaesthetic medication (04)**b)** Mucolytic agents (03)c) Non systemic antacids (03)Q.4 Give pharmacological basis for the use of: (ANY FIVE) (10)a) Dopamine in cardiogenic shock b) Atropine in iridocyclitis c) Liquid paraffin in fissure-in-ano d) Xylometazoline for nasal decongestion e) Low molecular weight heparin in deep vein thrombosis f) Ipratropium bromide in Bronchial asthma

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#### SARASWATI-II: JANUARY 2017 SUBJECT: PHARMACOLOGY PAPER-II

Time: 2.00 pm To 4.00 pm Day : Tuesday Date : 10/01/2017 Max. Marks: 40. N.B.: All questions are **COMPULSORY**. 1) 2) Figures to the RIGHT indicate full marks. Q.1 Write Pharmacotherapy of a) Chloroquine resistant malaria (05)**b)** Type II diabetes (05)Q.2 Write briefly on: a) Antiretroviral agents (04)**b)** Drugs for treatment of Acne Vulgaris (03)Rabies vaccines (03)**O.3** Write short notes on: a) Uses, mechanism of action and adverse effects of nitroglycerin (04)Compare and contrast – Nifedipine and verapamil (03)Uses of thiazide diuretics (03)Q.4 Give Pharmacological basis for the use of: (ANY FIVE) (10)a) Meglitinides in type II diabetes b) Mifepristone for medical termination of pregnancy (MTP) c) Methyl ergometrine in post-partum haemorrhage (PPH) d) Silver sulfadiazine in burns e) Diethylcarbamazine in filariasis Morphine in acute left ventricular failure

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## SARASWATI – II: JANUARY – 2016 SUBJECT: PHARMACOLOGY PAPER – I

Day: Date		hursday 7/ 01/ 2016	Time: 2.00. p.m. to 4.00. p.m. Max. Marks: 40			
N.B.	N.B.:  1) All questions are COMPULSORY.  2) Figures to the RIGHT indicate full marks.					
Q.1		Give pharmacotherapy of:				
	2)	Peptic ulcer	. (95)			
	b)	Wide angle glaucoma	(05)			
Q.2		Write short notes on:				
V.2	a)	Adverse Drug Reactions	(04)			
	a) b)	Parenteral iron therapy	(03)			
	e)	Uses of prostaglandins	(03)			
		owo or productionals	, ,			
Q.3		Write briefly on:				
	a)	Drugs used as Pre- anesthetic medication with ra	ationale (04)			
	b)	Aminophylline - Mech. of action, uses and adve	erse effects (03)			
	e)	Diazepam-Mech. Of action, uses and adverse es	ffects (03)			
0.4		Cinn who were also in the single for the way of (AN)	V <i>U</i> H/F) (10)			
Q.4		Give pharmacological basis for the use of: (AN	Y FIVE) (10)			
	a)	Levodopa in Parkinsonism				
	b)	Sumatriptan in Migraine				
	c)	Bromhexin for cough				
	d)	Propranolol in anxiety	week anti-on			
	e)	Neostigmine and Atropine in post operative dec				
	Ŋ	Folic acid supplementation in iron deficiency ar	aema			

#### SARASWATI-II : JANUARY 2016 SUBJECT : PHARMACOLOGY PAPER-II

Day : Friday Time: 2.00 pm to 4.00 pm Date : 08/01/2016 Max. Marks: 40. N.B.: 1) All questions are **COMPULSORY**. 2) Figures to the **RIGHT** indicate full marks. Q.1 Write Pharmacotherapy of -**Thyrotoxicosis** (05)b) Congestive Heart Failure. (05)Q.2 Write briefly on: First line of drugs in tuberculosis (04)b) Chloroquine (03)c) Levamisole. (03)Q.3 Write short notes on: a) Compare and contrast - Furosemide and thiazide diuretics (04)b) Insulin preparations - Classification, uses, adverse effects (03)c) Chelating agents. (03)Q.4 Give Pharmacological basis for the use of: (Any Five) (10)a) Nitrates and β blockers in combination in the treatment of Angina Pectoris. b) Methyl ergometrine in post-partum hemorrhage. Ivermectin in scabies. c) Chofazimine in lepra reaction. d) Oxytocin in induction of labour. e) Amoxicillin and Clavulanic acid combination in treatment of bacterial f) infections.

## SARASWATI-II: JULY 2015 SUBJECT: PHARMACOLOGY PAPER-I



Date : Wednesday Date : 08/07/2015

Time: 2.00 pm to 4.00 pm Max. Marks: 40.

### N.B.:

- All questions are COMPULSORY. 1)
- 2) Figures to the RIGHT indicate full marks.

Q.1	Give a) b)	Pharmacotherapy of: Organo-phosphorus compound poisoning (OP poisoning) Status epilepticus	(05) (05)
Q.2	Write a) b) c)	te short notes on:  Peripheral muscle relaxants – examples, mechanism of action and uses  Advantages and disadvantages of I.V. route of administration  Fibrinolytic agents	(04) (03) (03)
Q.3	Write a) b) c)	te briefly on: Bronchodilators in Bronchial Asthma Surface anaesthesia Metoclopramide – Mechanism of action and uses	(04) (03) (03)
Q.4	Give a) b) c) d) e) f)	e Pharmacological basis for the use of: (ANY FIVE)  Edrophonium in Myasthenia gravis  Timolol in wide angle Glaucoma  Folic acid in Pregnancy  Disulfiram in Alcohol Dependence  Combination of aluminium and magnesium salts in Antacid Preparations  Anticholinergics in Pre-anaesthetic medication	(10)

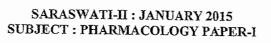
## SARASWATI-II': JULY 2015 SUBJECT: PHARMACOLOGY PAPER-II

Day : Thursday
Date : 09/07/2015

Time: 2.00 pm to 4.00 pm Max. Marks: 40

- 1) 2)
- All questions are **COMPULSORY**. Figures to the **RIGHT** indicate full marks.

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Q.1	Write Pharmacotherapy of- a) Acute amoebic dysentery b) Stage I Hypertension	(05) (05)
Q.2	<ul> <li>Write briefly on:</li> <li>a) Macrolides – Examples, mechanism of action and uses</li> <li>b) Drugs for Scabies</li> <li>c) Topical antifungal agents</li> </ul>	(04) (03) (03)
Q.3	<ul> <li>Write short notes on:</li> <li>a) Nitrates – Mechanism of action, ADRs and uses</li> <li>b) Uses of Corticosteroids</li> <li>c) Sulfonylureas – Examples, mechanism of action and ADRs</li> </ul>	(04) (03) (03)
Q.4	Give Pharmacological basis for the use of: (Any Five)  a) Folinic acid with Methotrexate in treatment of Malignancy  b) Albendazole and Iron for Hookworm infestation  c) Radioactive iodine for Thyrotoxicosis  d) Dapsone in Leprosy  e) Ritodrine as Tocolytic agent  f) Dopamine in hypovolemic shock	(10)



Day : Thursday

Time: 2.00 pm to 4.00 pm

Date	:	00/01/0017	fax. Marks: 40.
N.B.:	1)		·
Q.1	Giv	re Pharmacotherapy of:	
	a)	Acute Gouty arthritis.	(05)
	b)	Myasthenia Gravis.	(05)
Q.2	Wr	ite short notes on:	
	a)	Factors modifying absorption of a drug.	(04)
	b)	H <sub>2</sub> antihistaminics – Uses and rationale.	(03)
	c)	Parenteral iron therapy – Uses and rationale.	(03)
Q.3	Wr	ite briefly on:	
	a)	Drug used for Preanaesthetic medication with rationale.	(04)
	b)	Lithium - Mechanism of action, adverse effects and uses.	(03)
	c)	Fat soluble vitamins with uses.	(03)
Q.4	Giv	ve Pharmacological basis for the use of : (ANY FIVE)	(10)
	a)	Use of flumazenil in overdose of benzodiazepines.	
	b)	Nitrous oxide and Isoflurane combination in anaesthesia.	
	c)	Dopamine in cardiogenic shock.	
	d)	Selegiline in treatment of Parkinsonism.	
	e)	Methyl ergometrine for prevention of Post partum haemon	rrhage.
	f)	Ondansetron for treatment of anticancer treatment induce	d vomiting.



#### SARASWATI-II : JANUARY 2015 SUBJECT : PHARMACOLOGY PAPER-II

Day : Friday Time: 2.00 pm to 4.00 pm Date : 09/01/2015 Max. Marks: 40. N.B.: 1) All questions are COMPULSORY. 2) Figures to the RIGHT indicate full marks. Q.1 Write Pharmacotherapy of a) Thyrotoxicosis. (05)b) Chloroquine resistant P.falciparum infection. (05)Q.2 Write briefly on: Topical corticosteroids: Mechanism of action, uses, advantages and ADRs. (04)Mechanism of action, uses and ADRs of Fluoroquinolones. (03)Drugs used for Psoriasis. c) (03)Q.3 Write short notes on: Antidiabetic drugs: Classification, mechanism of action, adverse effects. a) (04)b) Tocolytic agents. (03)Osmotic diuretics. (03)c) Q.4 Give Pharmacological basis for the use of: (Any Five) (10)ACE inhibitor in treatment of hypertension. a) Digoxin in treatment of CCF. b) Furosemide in LVF. d) Clofazimine in treatment of Lepra reaction. Penicillamine in copper poisoning. e) Radioactive iodine treatment avoided in young females of child bearing potential.

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#### SARASWATI-II : JULY 2014 SUBJECT : PHARMACOLOGY PAPER-I

Day : Monday Time: 2.00 pm To 4.00 pm Date : 07/07/2014 Max. Marks: 40. N.B.: All questions are COMPULSORY. 1) 2) Figures to the RIGHT indicate full marks. Q.1 Give Pharmacotherapy of: a) Chronic severe Asthma (05)b) Benign Prostatic Hypertrophy (05)Q.2 Write short notes on: a) Bioavailability - definition, factors affecting it (04)b) H<sub>1</sub> antihistaminics - examples, uses with rationale (03)Prazosin - uses with rationale (03)Q.3 Write briefly on: a) Ether - advantages and disadvantages as General Anaesthetic (04)b) Oral Rehydration Solution (ORS) (03)c) Sodium valproate - Mechanism of action, ADRs (03)Q.4 Give Pharmacological basis for the use of: (ANY FIVE) (10)a) Succiny! choline for Endotracheal Intubation b) Bromhexine in Productive Cough c) PGF2a in Induction of Labour d) Low dose Aspirin after Myocardial Infarction e) Folic acid in Pregnancy Sucralfate in Peptic Ulcer



## SARASWATI-II: JULY 2014 SUBJECT: PHARMACOLOGY PAPER-II

Day : Tuesday
Date : 08/07/2014

Time: 2.00 pm To 4.00 pm Max. Marks: 40.

N.B.:

All questions are **COMPULSORY**. Figures to the **RIGHT** indicate full marks. 1) 2)

Q.1	Wr	ite Pharmacotherapy of -	
	a) b)	Mixed worm infestation Acute Myocardial Infarction	(05) (05)
Q.2	Wr	ite briefly on:	
	a) b) c)	Antirables vaccines  Ciproficion – Mechanism of action, ADRs and uses  Permethrine	(04) (03) (03)
Q.3	Wr	ite short notes on:	
	a) b) c)	Antithyroid drugs (Thyroid hormone synthesis inhibitors) Plasma expanders Oral contraceptives – types and ADRs	(04) (03) (03)
Q.4	Giv	e Pharmacological basis for the use of: (Any Five)	(10)
	a) b) c) d) e) f)	Co-trimoxazole for Bacterial Infections Single daily administration of Aminoglycosides Hydrochlorothiazide in Hypertension Regular Insulin in Diabetic Ketoacidosis Zidovudine in AIDS Atorvastatin in Hypercholesterolemia	



#### SARASWATI-II : JANUARY 2014 SUBJECT : PHARMACOLOGY PAPER-I

: Thursday Time: 2.00 pm To 4.00 pm 09/01/2014 Date Max. Marks: 40. N.B.: All questions are COMPULSORY. 1) Figures to the RIGHT indicate full marks. 2) Q.1 Give Pharmacotherapy of -Recurrent Peptic Ulcer (05)a) Myasthenia gravis (05)b) **Q.2** Write short notes on: a) Atropine substitutes (04)(03)Teratogenecity b) Uses of Prostaglandins (03)Q.3 Write briefly on: Corticosteroids in Bronchial Asthma (04)a) Ketamine - Mechanism of action and uses (03)**b**). Sodium valproate - Mechanism of action and adverse effects (03)c) Give pharmacological basis for the use of (Any Five) (10)Adrenaline with Linocaine a) Ascorbic acid along with Ferrous Sulphate b) Propranolol in Thyrotoxicosis c) Naltrexone in Morphine addiction d) Loperamide contraindicated in Acute Infective Diarrhea e)

Fentamyl in General Anaesthesia

f)



#### SARASWATI-II : JANUARY 2014 SUBJECT : PHARMACOLOGY PAPER-II

Time: 2.00 pm To 4.00 pm Day : Friday Date : 10/01/2014 Max. Marks: 40. N.B.: 1) All questions are COMPULSORY. 2) Figures to the RIGHT indicate full marks. Q.1 Write Pharmacotherapy of -Acute Pyelonephritis (05)b) Toxic nodular goiter in elderly male (05)Q.2 Write briefly on: a) Macrolides - Give examples, mechanisms of action and uses (04)Topical agents for Acne Vulgaris (03)Uses of Metronidazole (03)Q.3 Write short notes on: Enalapril - Mechanism of action, adverse reactions and uses (04)Spironolactone - Mechanism of action and uses (03)Adverse effects of Glucocorticoids. (03)0.4 Give Pharmacological basis for the use of (Any Five) (10)Glyceryl trinitrate in acute Angina Pectoris Mifepristone and misoprostol for termination of pregnancy Folinic acid with Methotrexate in cancer chemotherapy c) Digoxin in Atrial fibrillation d) Primaquine in P. vivax Malaria e) Pioglitazone in Type-II Diabetes Mellitus

## SARASWATI – II: JULY 2013 SUBJECT : PHARMACOLOGY PAPER – I

Day Date		Monday 08/07/2013	Time: 2.00 PM To 4.00 Max. Marks: 40	PM
N.B.:	1)	•		
		ateriore and the second of		
Q.1		Give Pharmacotherapy of:		
	a)	Severe Migraine		[05]
	b)	Grand - mal epilepsy		[05]
Q.2		Write short notes on:		
	a)	Drug antagonism with its clinical implications		[04]
	b)	Warfarin - mechanism of action and uses		[03]
	c)	Atenolol – uses with rationale		[03]
Q.3		Write briefly on:		
	a)	Lithium - Mechanism of action and adverse rea	ctions	[04]
	b)	Omeprazole - mechanisms of action and uses		[03]
	c)	Drugs for Productive Cough		[03]
Q.4		Give pharmacological basis for the use of (AN)	/ FIVE):	[10]
	a)	Prazosin in Hypertension		
	b)	Bromocriptine in Idiopathic Parkinsonism		
	c)	Disulfiram in Alcohol Addiction		
	d)	Pancuronium for Abdominal Surgery		
	e)	Adrenaline in Anaphylactic shock		
	f)	Folic acid in Pregnancy		

#### SARASWATI-II : JULY 2013 SUBJECT : PHARMACOLOGY PAPER-II

: Tuesday Day Time: 2.00 pm To 4.00 pm : 09/07/2013 Date Max. Marks: 40. N.B.: All questions are COMPULSORY. 1) 2) Figures to the RIGHT indicate full marks. Q.1 Write Pharmacotherapy of a) Enteric fever (05)Stage II Hypertension (05)Q.2 Write briefly on: Suprainfection (04)Albendazole - Mechanism of action and uses (03)Compare and contrast giving examples - Vaccines and sera (03)c) **O.3** Write short notes on: Digitalis toxicity and its management (04)Insulin preparations (03)b) Tocolytic agents (03)c) Q.4 Explain Pharmacological basis for the following: (Any FIVE) (10)Use of Propranolol for Prophylaxis of Angina Pectoris Use of Mannitol in Cerebral Oedema Oestrogen - Progesterone combination in Oral Contraceptive Pills c) Probenecid combined with Amoxycillin in treatment of Gonorrhoea Outdated Tetracyclines should not be used e) Long term systemic Corticosteroid therapy should be tapered gradually f)

#### SARASWATI-II: JANUARY 2013 SUBJECT: PHARMACOLOGY PAPER-I

: Wednesday Time: 2.00 pm To 4.00 pm Day : 09/01/2013 Date Max. Marks: 40. N.B.: 1) All questions are COMPULSORY. 2) Figures to the RIGHT indicate full marks. Q.1 Give pharmacotherapy of a) Wide angle Glaucoma (05)Functional constipation. (05)b) Q.2 Write short notes on: First pass effect with clinical implications a) (04)Nasal decongestants b) (03)Therapeutic uses of H<sub>1</sub> antihistaminics. c) (03)Q.3 Write briefly on: a) Ketamine (04)Metoclopramide - Mechanism of action and uses b) (03)Sodium cromoglycate - Mechanism of action and uses c) (03)Q.4 Give pharmacological basis for the use of (Any Five) (10)Lactulose in hepatic encephalopathy b) Lithium as Mood stabilizer

Methadone in Morphine Dependence

Dopamine in Hypovolemic shock

Vit K1 in Warfarin toxicity

Propranolol in Thyrotoxicosis

c)

d)

e)

f)

#### **SARASWATI-II: JANUARY 2013** SUBJECT: PHARMACOLOGY PAPER-II

: Thursday Time: 2.00 pm To 4.00 pm Day : 10/01/2013 Max. Marks: 40.

Date N.B.: All questions are COMPULSORY. 1) Figures to the RIGHT indicate full marks. 2) Q.1 Write Pharmacotherapy of a) Myocardial infarction with shock (05)b) Vivax Malaria. (05)Q.2 Write briefly on: a) Resistance to antimicrobial agents (04)b) Invermectin - Mechanism of action and uses (03)Polio vaccines. (03)Q.3 Write short notes on: a) Drugs for Infertility (04)b) Alpha methyldopa - Mechanism of action, ADRs and uses (03)Oxytocin for induction of labour - Route of administration and precautions. (03)Q.4 Give Pharmacological basis for the use of (Any Five) (10)Sodium nitrite in Cyanide Poisoning Cyclosporine is Organ transplantation Enalapril in Congestive Cardiac Failure c) Phenformin in Type-II Diabetes mellitus Sulfasalazine in Ulcerative Colitis e)

Reduced dose of Mercaptopurine if used with Allopurinol



## SARASWATI-II : JULY 2012 SUBJECT : PHARMACOLOGY PAPER-I



Day Date	: Monday : 09/07/2012	Time: 2.00 pm To 4.00 pm Max. Marks: 40.
N.B.:	<ol> <li>All questions are COMPULSORY.</li> <li>Figures to the RIGHT indicate full marks.</li> </ol>	
Q.1	Give Pharmacotherapy of -  a) Organo phosphorous (OP) compound poisoning.  b) Iron deficiency anaemia.	(05) (05)
Q.2	<ul> <li>Write short notes on:</li> <li>a) Plasma half life.</li> <li>b) Nasal decongestants.</li> <li>c) Uses of Adrenaline with rationale.</li> </ul>	(04) (03) (03)
Q.3	<ul> <li>Write briefly on:</li> <li>a) Acid reducing agents in peptic ulcer.</li> <li>b) Pre-anaesthetic Medication.</li> <li>c) Phenytoin sodium – Mechanism of action and adventure of the control of t</li></ul>	(04) (03) verse effects. (03)
الم	Give Pharmacological basis for the use of (Any FIVE)  a) Morphine is contraindicated in Head Injury.  b) Atenolol for prophylaxis of Angina Pectoris.  c) Dextromethorphan in Dry Cough.  d) Vit-B <sub>6</sub> with Isoniazid (INH).  e) Domeridone as antiemetic in Children.  f) Sumatriptan in Migraine.	(10)

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#### SARASWATI-II: JULY 2012 SUBJECT: PHARMACOLOGY PAPER-II

: Tuesday Day : 10/07/2012 Date

c)

e)

Time: 2.00 pm To 4.00 pm

Max. Marks: 40.

#### N.B.:

1) All questions are COMPULSORY.

Desferrioxamine in Iron poisoning.

Chloroquine in Malaria.

Amoxicillin and clavulanic acid combination.

Human Insulin in Pregnancy induced Diabetes.

- 2) Figures to the RIGHT indicate full marks.
- Q.1 Write Pharmacotherapy of a) Category I tuberculosis. (05)b) Hypercholesterolemia. (05)Q.2Write briefly on: Chemoprophylaxis of AIDs. (04)Rabies vaccines. (03)Gentamicin - Mechanism of action and adverse reactions. c) (03)Q.3 Write short notes on: Glucocorticoids - uses and adverse reactions. (04)Clonidine - Mechanism of action and uses. b) (03)Thiazides - Mechanism of action and uses. (03)Give Pharmacological basis for the use of (Any FIVE) (10)a) Angiotensin converting enzyme inhibitors in Congestive Cardiac Failure. b) Benzoyl peroxide in Acne vulgaris.

#### SARASWATI-II : JANUARY 2012 SUBJECT : PHARMACOLOGY PAPER-I

: Monday Time: 2.00 pm to 4.00 pm Day 09/01/2012 Max. Marks: 40. Date N.B.: All questions are COMPULSORY. 1) Figures to the RIGHT indicate full marks. 2) Q.1 Give pharmacotherapy of a) Benign prostatic hypertrophy. (05)Functional constipation. (05)Write short notes on: a) Define Bioavailability and discuss factors modifying it. (04)b) Adrenergic and antiadrenergic drugs in Glaucoma. (03)Antiplatelet agents. (03)Q.3 Write briefly on: Compare and contrast Salbutamol and Ipratropium bromide in acute asthma. (04)b) Spinal anaesthesia – Complications and its treatment. (03)Gabapentin - Mechanism of action and uses. (03)Give Pharmacological basis for the use of (Any Five) (10)Glycopyrrolate in pre-anaesthetic medication Succinylcholine for endotracheal intubation

Morphine in acute left ventricular failure

Methotrexate in Rheumatoid arthritis.

Pyridoxine with high dose of isoniazid (INH)

Levodopa and Carbidopa in Idiopathic parkinsonism

#### SARASWATI-II : JANUARY 2012 SUBJECT : PHARMACOLOGY PAPER-II

Time: 2.00 pm to 4:00 pm EGE

Day: Tuesday
Date: 10/01/2012

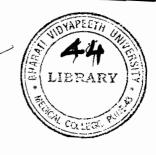
Max. Marks : 40.

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- 1) All questions are **COMPULSORY**.
- 2) Figures to the **RIGHT** indicate full marks.
- Q.1 Write Pharmacotherapy of
  - a) Angina pectoris. (05)
  - b) Mucocutaneous Herpes Simplex. (05)
- Q.2 Write briefly on:
  - a) Factors deciding choice of antimicrobial agent. (04)
  - b) Permethrin Mechanism of action and uses. (03)
  - c) Artemisinin Mechanism of action, preparations available and uses. (03)
- Q.3 Write short notes on:
  - a) Digitalis toxicity. (04)
  - b) Tamoxifen Mechanism of action, ADRs and uses. (03)
  - c) Atorvastatin Mechanism of action, ADRs and uses. (03)
- Q.4 Give Pharmacological basis for the use of (Any Five) (10)
  - a) Sulfadoxine and Pyrimethamine in resistant Malaria.
  - b) Ergometrine in Post Partum Haemorrhage.
  - c) Human insulin for Pregnancy Induced Diabetes.
  - d) Penicillamine in Wilson's disease.
  - e) Spironolactone in Congestive Cardiac Failure.
  - f) Lugol's iodine before thyroid surgery.

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## SARASWATI-II : JULY 2011 SUBJECT : PHARMACOLOGY PAPER-I

Day Date	:	Thursday 07/07/2011	Time: 2.00 pm To 4.00 pm Max. Marks: 40.	
N.B.:	1)	All questions are COMPULSORY. Figures to the RIGHT indicate full marks.		
		·		
Q.1	Wri	te Pharmacotherapy of -		
	a)	Moderate asthma	(0:	5)
	b)	Gastro-Oesophageal Reflux Disease (GERD)	(0	5)
Q.2	Wri	te short notes on :		
	a)	Cardiac uses of $\beta$ blockers with rationale.	(0	4)
	b)	Methods for prolongation of duration of action	of drugs. (0	3)
	c)	Warfarin sodium-mechanism of action, adverse	effects and uses. (0.	3)
Q.3	Wri	te briefly on :		
	a)	Disease modifying drugs in Rheumatoid arthriti	s. (0-	4)
	b)	Surface anaesthesia.	(03	3)
	c)	Uses of Skeletal Muscle Relaxants.	(0:	3)
Q.4	Giv	e Pharmacological basis for the use of - (Any Fi	ve): (10	0)
	a)	Edrophonium in Myasthenia Gravis.		
	b)	Forced alkaline diuresis in Phenobarbitone poise	oning.	
	c)	Glucose in Oral Rehydration Solution (ORS).		
	d)	Disulfiram in Alcohol Dependence.		
	e)	Misoprostol in Peptic Ulcer.		
	f)	Tamsulosin in Benign Prostatic Hypertrophy.		





## SARASWATI-II : JULY 2011 SUBJECT : PHARMACOLOGY PAPER-II

Day Date	:	Friday 08/07/2011	Time: 2.00 pm To 4.00 pm Max. Marks: 40.
N.B.:	1) 2)	All questions are COMPULSORY. Figures to the RIGHT indicate full marks.	
Q.1	Giv	e Pharmacotherapy of -	
	a)	Congestive Cardiac Failure.	(05)
	<b>b</b> )	Malaria due to Plasmodium vivax.	(05)
Q.2	Wri	te short notes on :	
	a)	Cyclosporine - Mechanism of action, adverse eff	ects and uses. (04)
	b)	Acyclovir.	(03)
	c)	Drugs for Scabies.	(03)
Q.3	Wri	te briefly on :	
	a)	Drugs for Infertility.	(04)
	b)	Nitrates - Uses and adverse effects.	(03)
	c)	Carbimazole - Mechanism of action and indication	ons. (03)
Q.4	Giv	e Pharmacological basis for the use of (Any Five)	: (10)
	a) ·	Angiotensin Converting Enzyme Inhibitors (ACE	Els) in Hypertension.
	b)	Sulfamethoxazole and Trimethoprim combination	1.
	c)	Griseofulvin in Cutaneous Fungal Infections.	
	ď)	Corticosteroids should not be Stopped Abruptly.	
	e)	Metronidazole and Diloxanide furoate in Amoebi	asis.
	f)	Gentamicin administration on Single Daily Basis.	

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# **SARASWATI-II: JANUARY 2011**

SUBJECT: PHARMACOLOGY PAPER-I

Saturday Day 08/01/2011 Date

Time: 2.00 pm To 4.00 pm Max. Marks: 40.

N.B.:

- All questions are COMPULSORY. 1)
- 2) Figures to the RIGHT indicate full marks.
- Q.1 Give pharmacotherapy of -
  - Open Angle Glaucoma (05)
  - Rheumatoid arthritis. (05)
- Q.2 Write short notes on:
  - Therapeutic drug monitoring (04)
  - b) Prazosin-mechanism of action, uses and ADRs. (03)
  - Succinylcholine Mechanism of action, uses and ADRs. (03)
- Q.3 Write briefly on:
  - Triple drug regimen in peptic ulcer, (04)
  - Drugs for productive cough v (03)
  - Spinal anaesthesia. (03)
- Give Pharmacological basis for the use of (Any FIVE) (10)
  - Folic acid in Pregnancy a)
  - Clopidogrel as Antithrombotic Agent b)
  - Dopamine in Cardiogenic Shock c)
  - Indomethacin in Patent Ductus Arteriosus d)
  - Lavodopa-carbidopa in Idiopathic Parkinsonism e)
  - Adrenaline in Anaphylaxis

#### SARASWATI-II : JANUARY 2011 SUBJECT : PHARMACOLOGY PAPER-II

Day Date	:		Monday 10/01/2011	Time: 2.00 pm To 4.00 pm Max. Marks: 40.	LLEGE. PO
N.B.	1)		All questions are COMPULSORY. Figures to the RIGHT indicate full marks.		
		_			
Q.1	Wr		harmacotherapy of -		
	a)	En	teric fever		(05)
	b)	Hy	pertensive Emergency		(05)
Q.2	2 Write briefly on :				
	a)	Ser	nisynthetic Penicillins - Mechanism of action	, ADRs and uses	(04)
	b)	Dr	ugs for Superficial Fungal Infection		(03)
	c)	Na	tional Immunization Schedule		(03)
Q.3	3.3 Write short notes on:				
	a)	Ora	al antidiabetic agents - Mechanism of action,	ADRs and uses	(04)
	b)	Bis	phosphonates		(03)
	c)	Fu	rosemide		(03)
Q.4	Giv	e Pl	narmacological basis for the use of (Any Five	)	(10)
	a)	Spi	ironolactone in Congestive Cardiac Failure		
	b)	Be	nzoyl Peroxide in Acne Vulgaris		
	c) '	Erg	gometrine in Post-Partum Haemorrhage		
	d)	Me	bendazole in Ascariasis		

e) Dimercaprol in Heavy Metal Poisoning

Rifampicin in Tuberculosis

#### SARASWATI-II : JULY 2010 SUBJECT : PHARMACOLOGY PAPER-I

Thursday Time: 2.00 pm To 4.00 pm 08/07/2010 Max. Marks: 40. Date N.B.: All questions are COMPULSORY. 1) 2) Figures to the RIGHT indicate full marks. 0.1 Give pharmacotherapy of a) Iron deficiency Anaemia. (05)Moderate Migraine. (05)b) Q.2 Write short notes on: (04)Drug antagonism with clinical implications. a) Atropine substitutes. (03)b) (03)Low molecular weight Heparins. c) Q.3 Write briefly on: (04)Drugs for Idiopathic Parkinsonism. a) (03)Prokinetic drugs. b) (03)Inhalational corticosteroids. c) Give Pharmacological basis for the use of (Any FIVE) (10)Timelol in Glaucoma. a) Adrenaline with local anaesthetic agents. b) Neostigmine is used for decurarization. ć)

re in acute Left Ventricular Failure. (LVF)

Edrophonium in Myasthenia Gravis.

f)

diuresis in Phenobarbitone poisoning.

### SARASWATI-II : JULY 2010 SUBJECT : PHARMACOLOGY PAPER -II



Time: 2.00 pm To 4.00 pm Friday 09/07/2010 Max. Marks: 40. N.B. : 1) All questions are COMPULSORY. 2) Figure to right indicate FULL marks. Write Pharmacotherapy of -Myocardial infarction with shock. (05)a) (05)Multi-bacillary leprosy. b) 0.2 Write briefly on: Antimicrobial drug combinations - rationale with therapeutic application. (04)(03)b) Compare and contrast - Antisera and vaccines. (03)Anti-influenza agents. c) Write short notes on: 0.3 Oral contraceptives - Mechanism of action and adverse effects (04)a) Digitalis - uses with rationale (03)b) (03)Anti-thyroid drugs - Mechanism of action and indications. c) Give Pharmacological basis for the use of (Any Five) (10)Q.4 Neomycin in Hepatic Precoma. a) Albendazole and Iron in Hook Worm Infestation. **b**) Hydrochlorothiazid in Hypertension. c) Pitocin drip for Induction of Labour. ű)

Folinic acid with Methotrexate.

Cyclosporine in Graft Rejection.

e)

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#### SARASWATI-II : JANUARY 2010 SUBJECT : PHARMACOLOGY PAPER-I

Saturday 09/01/2010 Time: 2.00 pm To Max. Marks: 40.

All questions are **COMPULSORY**. Figures to the **RIGHT** indicate full marks.

The state of the s	Giv (a) (b)	e Pharmacotherapy of - Gouty arthritis Myasthenia Gravis.	(05) (05)
A Control of the Cont	Wri	te short notes on : Drug antagonism with clinical implications.	(04)
	b)	Anti obesity agents	(03)
- Wellington than the first	c)	β-Blockers – uses with rationale.	(03)
2.3	Wr	ite briefly on :	
<b>₹</b> :	a)	Phenytoin sodium - mechanism of action, ADRs and uses.	(04)
ř	b)	Drugs for Chemotherapy Induced Vomiting.	(03)
A.	c)	Drugs for Productive Cough.	(03)
Q.4		e Pharmacological basis for the use of – (Any FIVE)	(10)
	a)	Sumatriptan and Propranolol for Severe Migraine.  Levodopa and Carbidopa in Idiopathic Parkinsonism.	
	b) c)	Inhaled steroids and β <sub>2</sub> agonists for Moderate Asthma.	
	d)	Low dose of Aspirin in Myocardial Infarction.	
	e)	Tamsulosin and Finesteride for Benign Prostatic Hypertrophy.	
	f)	Iron in addition to folic acid in management of Megaloblastic Anaemia.	

### SARASWATI-II : JANUARY 2010 SUBJECT : MICROBIOLOGY PAPER-I

Day Date	:	Wednesday 06/01/2010	Time: 2.00 pm TO 4.00 pm Max. Marks: 40.	
N.B.:	1) 2) 3)	All questions are <b>COMPULSORY</b> . Figures to the <b>RIGHT</b> indicate full marks. Draw neat diagrams <b>WHEREVER</b> necessary.		
il.	a)	A young male had extensive soft tissue injuries of the motorcycle accident. On the 3 <sup>rd</sup> day of admission developed foul smelling discharge from the wound wound showed blackish discolouration of the soft crepitus. What is the probable diagnosis? Explain it evaluation of this case.	he became toxic and d. On examination the tissue with prominent	(05)
,	b)	A 15 year old female came to the Medicine OPD with step ladder type of fever since last 5 days. On physical enlargement of the spleen and rose spots on the slidingnosis? Discuss the laboratory diagnosis of this conditions.	l examination there was kin. What is the likely	(05)
Q.2	a)	Give <b>TWO</b> examples of:  i) Non-sporing anaerobes.  ii) Bacteria causing food poisoning.  iii) Chemical disinfectants for preoperative preparative Bacteria causing Nosocomial infections.  v) Selective media.		(05)
ية المس	b)	Define the following: i) Commensal flora. ii) Pyaemia. iii) Bacteriological index. iv) Toxoid. v) Disinfection.		(05)
Q.3	a)	Discuss the genetic mechanisms of drug resistance.		(05)
	b)	Define virulence and describe the virulence factors of b	oacteria.	(05)
<b>Q.4</b>	Wria) b) c) d) e) f)	te short notes on any FIVE of the following: Contributions of Louis Pasteur to microbiology Hot air oven Group B Streptococci BCG vaccine Pathogenecity of Haemophilus influenzae. Bacterial cell wall.		(10)

#### SARASWATI-II : JANUARY 2010 SUBJECT : PHARMACOLOGY PAPER-II

Day Date	:	Monday . 11/01/2010	Time: 2.00 pm To 4.00 pm Max. Marks: 40.
N.B.	1)		
Q.1	Wr a) b)	ite Pharmacotherapy of - Toxic Thyroid nodule in young male. Acute upper Urinary Tract Infection.	(05) (05)
Q.2	Wri a) b) c)	Antimicrobial resistance Ivermectin – Mechanism of action, ADRs and uses Immuneglobulins.	(04) (03) (03)
Q.3	Wri a) b) c)	te short notes on : High ceiling diuretics Insulin preparation Amlodepin.	(04) (03) (03)
Q.4	Given a) b) c) d) e)	Pharmacological basis for the use of (Any Five) Angiotensin converting enzyme inhibitors in CCF Desferrioxamine in Iron Poisoning Psoralen – UVA in Psoriasis Imipenem with cilastatin in Acute Nosocomial Infection Oseltamivir in Influenza Artemether – Lumefantrine in Acute Resistant Malaria.	•

### SARASWATI – II : JULY 2009 SUBJECT : PHARMACOLOGY PAPER – I

Day Date	:		· · · · · · · · · · · · · · · · · ·	Time : 2:00 P.M. to 4:00 P.M. Max. Marks : 40
N.B.	1) 2)		All questions are <b>COMPULSORY</b> . Figures to the right indicate <b>FULL</b> marks.	
Q.1			Write briefly Pharmacotherapy of:	
		a)	Benign Prostatic Hypertrophy	(05)
		b)	Grand Mal Epilepsy	(05)
Q.2			Write short notes on:	
		a)	Bioavailability of drugs	(04)
		b)	Anorectic agents	(03)
		c)	Fibrinolytic drugs	(03)
.Q.3			Write briefly on:	
,, <b>Q</b> ,(3)		a)	Acid reducing drugs in Peptic Ulcer	(04)
		<b>b</b> )	Cough suppressants	(03)
		c)	Cox II inhibitors	(03)
Q.4			Give pharmacological basis for the use of (a	ANY FIVE): (10)
		a)	Sodium chromoglycate in Bronchial Asthm	a.
	•	b)	Propranolol in hypertension.	
		c)	Ondansetron for chemotherapy induced vor	niting.
		d)	Pilocarpine in glaucoma.	
r		e)	With maintenance dose, a week is required	for Digitalization.
		g)	Lithium as mood stabilizer.	

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#### SARASWATI – II : JULY 2009 SUBJECT : PHARMACOLOGY PAPER – II

Friday Time: 2.00 pm to 4.00 pm Day 10/07/2009 Max. Marks: 40 Date: N.B. 1) All questions are COMPULSORY. 2) Figures to the RIGHT indicate FULL marks. Congestive Cardiac Failure Q.1 a) [05] Category I Tuberculosis [05]Give mechanism of action and uses of i) Cyclosporine [02]ii) Acyclovir [02]Write briefly on i) Drugs for Scabies [03]ii) Supra infections [03] Write short notes on Q.3 Corticosteroids - mechanism of action and ADRs [04] Plasma expanders [03] Cholesterol reducing agents [03] Give pharmacological bases for the use of (Any Five): [10] Chloroquine and Primaquine in Vivax Malaria Benzathaine Penicillin for prophylaxis of Rheumatic fever Human Insulins for Diabetes in Pregnancy Lugol's Iodine before surgery of Thyroid Goitre Salbutamol in Premature labour e)

Furosemide in Left Ventricular Failure

# SARASWATI-II : JANUARY 2009 SUBJECT : PHARMACOLOGY PAPER-I



Day Date	: Thurs		Time : 2.00 pm to 4.00 pm Max. Marks : 40
N. B.	1) 2)	All questions are compulsory. Figures to the right indicate full marks.	
Q. 1	Give	e briefly the pharmacotherapy of -	
-	a)	Open angle Glaucoma	(05)
	b)	Moderate Asthma	(05)
Q. 2	Wri	te short notes on -	
	a)	Methods to prolong duration of action of drugs	(04)
	b)	H <sub>1</sub> anti-histaminics	(03)
	c)	Low molecular weight Heparin	(03)
Q. 3	Wri	ite briefly on -	
	a)	Antimanic agents	(04)
	b)	Prokinetic drugs - Mechanism of action and uses	(03)
	c)	Tramadol	(03)
Q. 4	Giv	re pharmacological basis for the use of – (ANY FIVI	E) (10)
	a)	Disulfiram in Alcohol addiction	
	b)	Vit. K in Warfarin induced bleeding	
	c)	Anticholinergies in Drug Induced Parkinsonism	
	d)	Propranolol in Thyrotoxicosis	
	e)	Propofol as inducing agent in day care surgery	
	f)	Bupivacaine in vaginal delivery	•

# SARASWATI-II : JANUARY 2009 SUBJECT : PHARMACOLOGY PAPER-II



Day Date	:		Time: 2.00 PM TO 4.00 PM Max. Marks: 40.
N.B.:	1)	All questions are COMPULSORY. Figures to the RIGHT indicate full marks.	
Q.1	Give	e briefly the pharmacotherapy of -	
<b>V</b>	a)	Moderate hypertension.	(05)
	<b>b</b> )	Acute lower urinary tract infection.	(05)
Q.2	Wri	te short notes on :	
	a)	Mechanism of action and adverse reactions of -	
		i) Chloroquine.	(02)
		ii) Aminoglycosides.	(02)
	b)	Drugs for prevention of mother to child transmission of	'HIV. (03)
	c)	Live attenuated vaccines.	(03)
Q.3	Wri	te briefly on:	
	a)	Oxytocic drugs.	(04)
	b)	Mechanism of action, adverse reactions and uses of -	
		i) Nitrates.	(03)
		ii) Spironolactone.	(03)
Q.4	Giv	e pharmacological basis for (Any Five)	(10)
	a)	Use of Terbinafine in dermatophytic infections.	
	b)	Sulfonamides are not used in the presence of pus.	
	c)	Enalapril is contraindicated in pregnancy.	
	d)	Use of Statins in hypercholesterolemia.	
	e)	Preference of Raloxifene over HRT for post menopause	al osteoporosis.
	f)	Use of Cyclosporine in graft rejection.	

#### SARASWATI – II : JULY 2008 SUBJECT : PHARMACOLOGY PAPER – I

1.00 pm
(05)
(05)
(04)
(03)
(03)
(04)
(03)
(03)
(10)

#### SARASWATI II: JULY 2008 SUBJECT : PHARMACOLOGY PAPER – II



Day : Friday Time : 2.00 PM to 4.00 PM

Date: 11/07/2008 Max. Marks: 40. N.B. : All questions are COMPULSORY. 1) 2) Figures to the RIGHT indicate full marks. Q.1 Write briefly pharmacotherapy of: a) Herpes zoster. (05)b) Diabetic ketoacidosis. (05)Q.2 Write short notes on: Fluoroquinolones - mechanism of action, adverse effects and uses. (04)b) Cyclosporine. (03)Praziquantel. (03)Q.3 Write briefly on: a) ACE inhibitors - mechanism of action, adverse effects and uses. (04)(03)b) Oxytocin. c) Drugs for Hypovolemic Shock. (03)Q.4 Give pharmacological bases for the use of (Any Five): (10)a) d-penicillamine in Rheumatoid Arthritis. b) Mannitol in Acute Congestive Glaucoma. c) Digitalis in Congestive Cardiac Failure. d) Zidovudine in AIDS. e) Nitrates in Angina Pectoris.

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Benzoyl peroxide in Acne Vulgaris.

#### SARASWATI-II : JULY 2008 SUBJECT : FORENSIC MEDICINE AND TOXICOLOGY



Time: 2.00 pm to 4.00 pm Saturday Day 12/07/2008 Max. Marks: 40. Date N.B.: 1) All questions are COMPULSORY. Figures to the RIGHT indicate full marks. 2) Draw neat diagrams WHEREVER necessary. 3) (08)O.1 Write short notes – (ANY TWO) Consent. b) Tattoo marks. c) Criminal responsibility. Q.2 Write short notes – (ANY TWO) (08)a) Post mortem interval. Throttling. Post mortem changes in eyes. Q.3 Define and classify Abrasions. What is their medicolegal importance? (08)(08)Q.4 Write short notes – (ANY TWO) a) Criminal abortion. b) Battered baby syndrome. c) Hydrostatic test. (08)Q.5 Write short notes – (ANY TWO) a) Duties of a registered medical practitioner in a case of suspected poisoning.

c) Management of organo phosphorous compound poisoning.

b) Drug abuse.

#### SARASWATI - II : JANUARY 2008 SUBJECT : PHARMACOLOGY PAPER - I

Time : 2.00 pm to 4.00 pm : Friday Day : 11/01/2008 Max. Marks : 40 Date N.B. All questions are compulsory. 1) Figures to the right indicate full marks. 2) Write briefly pharmacotherapy of -**Q.1** (05)Peptic ulcer a) (05)Grand Mal Epilepsy b) Write briefly on-Q.2 (04)Adverse drug reactions a) (03)Therapeutic uses of atropine substitutes b) (03)Parenteral iron preparations c) Write notes on-**Q.3** (04)Parkinsonism a) (03)**Bronchodilators** b) (03)c) Carbamazepine (10)Give the pharmacological basis of (Any Five) -**Q.4** Combining Adrenaline with local anaesthetic agent a) Disodium chromoglycate in bronchial asthma b) Imipramine in depression c) Oral Rehydration Solution in diarrhea d) H<sub>1</sub> receptor blockers in urticaria e) Combining folic acid supplementation with iron preparations f)

#### SARASWATI-II : JANUARY 2908 SUBJECT : PHARMACOLOGY PAPER-II



: Monday Time : 2.00 pm to 4.00 pm Day : 14/01/2008 Max. Marks : 40 Date N.B. 1) All questions are compulsory. Figures to the right indicate full marks. 2) Write briefly pharmacotherapy of -Q.1Pulmonary Tuberculosis (05)a) Thyrotoxicosis (05)b) Write short notes on-Q.2 β - lactum antibiotics (04)Artemisine (03)b) Immunosuppressants (03)c) Q.3 Write briefly on-Uses and adverse effects of insulin (04)a) (03)b) **Nitrates** (03)c) Enalapril **Q.4** Give pharmacological basis of (Any Five) -(10)a) Combining estrogens & progesterone in oral contraceptives b) Frusemide in pulmonary edema Hydrocortisone in anaphylactic shock c) Methyl Ergometrine in post-partum hemorrhage d) Desferrioxime in iron poisoning e) β - blockers as antianginal agents f)

\* \* \*

# SARASWATI-II (NEW RULES) : JÜLY 2007 SUBJECT : PHARMACOLOGY PAPER-I

26 DISHARY
CAL COLLEGE

Day Date	: :	Friday 06/07/2007	Time: 2.00 pm to 4.00 pm Max. Marks: 40
N.B.:	1) 2)	All questions are COMPULS Figures to the RIGHT indica	
Q.1	Wri a) b)	te briefly Pharmacotherapy of: Rheumatoid arthritis Non specific treatment of Acute	Bacillary Dysentry (05)
Q.2	Wria) a) b) c)	ite short notes on : Therapeutic drug monitoring Teratogenicity Peripheral skeletal muscle relax	(03 ants-mechanism of action and uses (03)
Q.3	Wr a) b) c)	ite briefly on : Drugs for cough Sodium Valporate Surface anaesthesia	(04 (03 (03
Q.4	Giv a) b) c) d) e) f)	Pre pharmacological basis for the un Prazosin in Hypertension Dopamine in Cardiogenic Shoo Budesonide in Bronchial Asthr Inj. Vit. B <sub>12</sub> in Pernicious Anac Antacid combinations in Peptic Paracetamol but not Aspirin in	k na emia Ulcer

# SARASWATI-II (NEW RULES) : JULY 2007 SUBJECT : PHARMACOLOGY PAPER-II

Day Date	: Monday : 09/07/2007		Time: 2.00 pm to 4.00 pm Max. Marks: 40	
N.B.:	1) 2)	All questions are <b>COMPULSORY</b> . Figures to the <b>RIGHT</b> indicate full marks.		
Q.1	Wri a) b)	te briefly Pharmacotherapy of: Hypertensive Emergency Typhoid fever	(05) (05)	
Q.2	Wria) b) c)	te short notes on: Drugs for dermatophytic infections Cyclosporine Albendazole	(04) (03) (03)	
Q.3	Wria) b) c)	ite briefly on : Plasma expanders Bisphosphonates Drugs for Post Partum Haemorrhage	(04) (03) (03)	
Q.4	Giv a) b) c) d) e) f)	re pharmacological basis for the use of (ANY F) Lugol's iodine prior to surgery of Hyperthyro Steroids in Malignancy Chloroquine and primaquine in vivax Malaria Permethrin for Scabies Mannitol in impending renal failure Dimercaprol in arsenic poisoning	idism	

#### 

Des Tuesday Date 31-2007

mme (200 F M (10 409)) Also Marks (40



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f)

- 1) All questions are COMPULSORY.
- 2) Figures to the RIGHT indicate full marks.

Inj. vii B12 used in pernicious anaemia.

Q.J	<ul><li>Write briefly pharmacotherapy of -</li><li>a) Pheochromocytoma.</li><li>b) Moderate asthma.</li></ul>	(05) (05)
Q.2	Write short notes on:  a) Therapeutic uses and adverse affects of the H1:  b) Therapeutic index. c) Antiplatelet drugs.	anti- histaminics. (04) (03) (03)
Q.3	<ul> <li>Write briefly on:</li> <li>a) Compare and contrast - ether and halothane.</li> <li>b) Aspirin - Mechanism of action and uses.</li> <li>e) Drugs for functional constipation.</li> </ul>	(04) (03) (03)
Q.4 _	Give reasons for (Any Five)  8) Atropine used in pre-anasthetic medication. b) Bupivacaine used in vaginal delivery. c) Scopolamine but not metoclopramide used in m d) Lithium used in bipolar illness. e) Pentazocine avoided in myocardial infarction.	(10) otion sickness.

#### SARASWATI-II: JULY 2006 SUBJECT: PHARMACOLOGY PAPER-I



Day

Tuesday

Time: 2.00 P.M. TO 4.00 P.M.

Date :

11/07/2006

Max. Marks: 40.

- 7	n	_
	ж.	

b)

c)

d)

- All questions are COMPULSORY.
   Figures to the RIGHT indicate full marks.

Q.1		(05) (05)
Q.2	b) Tolerance.	(04) (03) (03)
Q.3		(04) (06)
Q.4	Give reasons for the use of (Any Five)  a) Parenteral iron with erythropoetin.	(10)

Sodium chromoglycate for prophylaxis and not acute attack of asthma.

Low dose of aspirin in myocardial infarction.

Propranolol in hyperthyroidism. Pralidoxime in O.P. poisoning.

Ethanol to prevent bedsores.

#### SARASWATI-II: JULY 2006 **SUBJECT: PHARMACOLOGY PAPER-II**



Wednesday Day 12/07/2006 Date

Time: 2.00 P.M. TO 4.00 P.M.

Max. Marks: 40.

#### N.B.:

- All questions are COMPULSORY.
   Figures to the RIGHT indicate full marks.

<b>Q.1</b>	Write briefly pharmacotherapy of -  a) Tubercular meningitis.  b) Type-II diabetes mellitus.	(05) (05)
Q.2	<ul> <li>Write briefly on:</li> <li>a) Drugs for amoebiasis.</li> <li>b) Adverse effects and uses of third generation Cephalosporins.</li> <li>c) Drugs for Acne Vulgaris.</li> </ul>	(04) (03) (03)
Q.3	<ul> <li>Write short notes on:</li> <li>a) Drugs for hyperthyroidism.</li> <li>b) ACE inhibitors.</li> <li>c) Nitrates - mechanism of action and uses.</li> </ul>	(04) (03) (03)
Q.4	Give reasons for the use of (Any Five)  a) Albendazole in roundworm infestation.  b) Tacrolimus in organ transplantation.  c) Acetazolamide in acute congestive glaucoma.  d) Ergometrine in post partum haemorrhage.  e) Corticosteroids in septicaemic shock.  f) Sulfasalazine in ulcerative colitis.	(10)

#### SARASWATI-II : JANUARY 2006 SUBJECT : PHARMACOLOGY PAPER-I



			OVA	
Day Date	: :	Tuesday 10/01/2006	Time: 2.00 P.M. TO 4.00 P.M. Max. Marks: 40.	
N.B.:	1) 2)	All questions are COMPULSORY. Figures to the RIGHT indicate full marks.		
Q.1	Wri	te briefly Pharmacotherapy of:		
	<b>a</b> )	Idiopathic Parkinsonism.		(05)
(_	_b)	Myasthenia gravis.		(05)
Q.2	Wri	te briefly on :	-	
	<b>a</b> )	Drug dependence.		(04)
	b)	Antiplatelet agents.		(03)
	c)	Carvedilol.		(03)
Q.3	Wri	te short notes on :		
	a)	Cox II inhibitors.		(04)
	b)	Triple drug regime in peptic ulcer.		(03)
	c)	Cough suppressants.		(03)
Q.4	Giv	e Pharmacological basis for (Any Five)		(10)
	a)	Use of fresh blood transfusion in Succinyl chlo	line apnoea.	
	b)	Ondansetron preferred to Metoclopramide in o	hemotherapy induced vomiting.	
	c)	Folic acid is used in megaloblastic anaemia.		

k \* \*

For inducing anaesthesia in day care surgeries, Propofol is used.

Morphine contraindicated in head injury.

Placebo is used in clinical trials.

d)

e)

f)



# SARASWATI-II : JANUARY 2006 SUBJECT : PHARMACOLOGY PAPER-II

Day Date	: :	Wednesday 11/01/2006	Time: 2.00 P.M. TO 4.00 P.M. Max. Marks: 40.
N.B.:	1) 2)	All questions are <b>COMPULSORY</b> . Figures to the <b>RIGHT</b> indicate full mark	<b>κs</b> .
Q.1	W/rit	e briefly Pharmacotherapy of	
Q.1	a)	Hepatic amoebiasis.	(05)
	b)	30 years male with Hyperthyroidism.	(05)
Q.2	Writ	e short notes :	
	a)	Therapeutic uses and adverse effects of F	Fluoroquinolones. (04)
	<b>b</b> )	Immunoglobulines.	(03)
	c)	Praziquantel.	(03)
Q.3	Writ	e briefly on :	
	a)	Drugs for Angina pectoris.	(04)
	b)	Fibric acid derivatives.	(03)
	c)	Raloxifen.	(03)
Q.4	Give	Pharmacological basis for the use of (Any	Five) (10)
	a)	Clavulanic acid with Amoxycilin in resis	tant staph. infections.
	<b>b)</b> .	Ergometrine after delivery of anterior sho	oulder to prevent PPH.
	c)	Penicillamine in Wilsons disease.	
	d)	ACE inhibitors in CCF.	
	e)	Silver sulfadiazine in burns.	
	f)	Human insulin in pregnancy.	

# SARASWATI-II : JULY 2005 SUBJECT : PHARMACOLOGY PAPER-I



Day Date	:	Tuesday 12/07/2005	Time: 2.00 pm to 4.00 pm Max. Marks: 40.	AGO
N.B.:	1) 2)	All questions are COMPULSORY. Figures to the RIGHT indicate full marks.		
Q.1		e briefly pharmacotherapy of		(0.7)
	а) Ы)	Idiopathic parkinsonism.  Wide angle glaucoma.	¥	(05) (05)
Q.2	Write	e briefly on :		
-	_a)	Drug antagonism.		(04)
	<b>b</b> )	β-blockers - adverse effects and uses.		(03)
	c)	Low molecular weight heparins.		(03)
Q.3	Write	e short notes on :		
	a)	Therapeutic uses of benzodiazepines.		(04)
	b)	Pre-anasthetic medication.		(03)
	c)	Antimotility agents.		(03)
Q.4	Give	Pharmacological basis for the use of (Any Fi	ve)	(10)
	a)	Ondansetron in antimalignant drugs induce	ed vomiting.	
	b)	Adrenaline with Lignocaine.		
,	_c)	Oximes in organo phosphorus poisoning (	O.P. poisoning)	
	d)	Edrophonium in myasthenia gravis.		
	e)	Injectable iron with Erythropoetin.		
	f)	Triple drug regimen in peptic ulcer.		

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#### SARASWATI-II: JULY 2005 SUBJECT: PHARMACOLOGY PAPER-II

Time: 2.00 pm to 4.00 pm Day Wednesday 13/07/2005 Max. Marks: 40. Date N.B.: 1) All questions are COMPULSORY. 2) Figures to the RIGHT indicate full marks. Write pharmacotherapy of -0.1 Chloroquine resistant falciparum malaria. (05)a) (05)b) Hyperthyroidism. 0.2 Write briefly on: Drugs used in multibacillary leprosy. (04)a) b) Adverse effects and uses of Aminoglycosides. (03)(03)c) Drugs for acne vulgaris. 0.3 Write short notes on: Drug combinations in hypertension. (04)a) **b**) Life saving indications for gluco-corticoids. (03)Digitalis toxicity. (03)c) Give pharmacological basis for the use of (Any Five) (10)a) Metronidazole in anaerobic infections. b) Cyclosporine after renal transplantation. c) Terbinafine for superficial fungal infections. Oxytocin for induction and Ergometrine for post partum haemorrhage. d) Desferrioxamine in iron poisoning. e) Acetazolamide in acute congestive glaucoma. f)



### SARASWATI-II: JULY 2004 SUBJECT: PHARMACOLOGY PAPER-I

Day Date		Wednesday 07/07/2004	Time: 2.00 P.M. TO 4.00 P.M. Max. Marks: 40.
N.B.:	1) 2)	All questions are <b>COMPULSO</b> Figures to the <b>RIGHT</b> indicat	
Q. 1	Write a) b)	briefly Pharmacotherapy of - Acute narrow angle glaucoma Moderate Asthma.	. (05) (05)
_	Write _a) b) c)	short notes on: Types of antagonism with exa Uses of Adrenaline with ratio Fibrinolytic agents.	
Q. 3	Write a) b) c)	briefly on: Mechanism of action and use Oral rehydration therapy. Uses of Morphine.	s of Diazepam. (04) (03) (03)
_	Give (a) b) c) d) e) f)	Atropine is used in O.P. poiso Metoclopramide is used in ga Vitamin B12 is used in pernic	ation is used in parkinsonism. oning. stro-oesophageal reflux. cious anaemia by parenteral route ed in phenobarbitone poisoning.

#### SARASWATI-II : JULY 2004 SUBJECT : PHARMACOLOGY PAPER-II

Time: 2.00 P.M. TO 4.00 P.M. Day: Thursday 08/07/2004 Max. Marks: 40. Date: N.B.: All questions are **COMPULSORY**. 1) Figures to the **RIGHT** indicate full marks. 2) Write Pharmacotherapy of -Q.1Lower urinary tract infection. (05)Moderate hypertension. (05)Q. 2 Write briefly on: First line drugs in tuberculosis. (04)b) Antimicrobial drug resistance. (03)Immunosuppressants. (03)Q. 3 Write short notes on: a) Insulin preparations. (04)Plasma expanders. (03)b) Tocolytic agents. (03)c) Q. 4 Give Pharmacological basis for the following (any Five): (10)Digitalis is used in congestive cardiac failure. b) Benzoyl peroxide is used in acne vulgaris. Dimercaprol (BAL) is used in arsenic poisoning. c) Chloroquine and primaquin are used to treat vivax malaria. d)

Estrogen is combined with progesteron for oral contraception.

Spironolactone is used with thiazides.

e)

#### SARASWATI-II (NEW RULES): JANUARY 2004 SUBJECT: PHARMACOLOGY-I

Time: 2.00 P.M. TO 4.00 P.M Day: Friday Max. Marks: 40. 09/01/2004 Date: N.B.: All questions are COMPULSORY. 1) 2) Figures to the **RIGHT** indicate full marks. Q. 1 Write briefly on Drug Therapy of: Grand mal epilepsy (05)Severe migraine b) (05)Q. 2 Write on the following: Merits and demerits of intravenous route. (04)a) **(b)** Therapeutic index. (03)Thrombolytics. (03)c) Q. 3 Write briefly on: Levodopa. (04)a) Uses of Opioid drugs (03)b) Preanaesthetic medication. (03)c) Q. 4 Give pharmacological basis for the use of following (any five) (10)Lifelong, parenteral cyanocobalamin in pernicious anaemia. a) b) Sodium cromoglycate in bronchial asthma. Lithium in manic depression. c) Atropine with neostigmine in myasthenia gravis. \_ d) Timolol in glaucoma. e)

Ranitidine in peptic ulcer.

f)

# SARASWATI – II (NEW RULES) : JANUARY – 2004 SUBJECT : PHARMACOLOGY – II



Day Date	: :	Saturday 10/01/2004	Time: 2:00 P.M. to 4:00 P.M. Max. Marks: 40
N.B.	1) 2)	All questions are COMPULSORY Figures to the RIGHT indicate FUI	
Q.1		e pharmacotherapy of:	
	a) b)	Acute urinary tract infection.  Moderate hypertension.	[05] [05]
Q.2	Disc a) b) c)	uss briefly: Combinations of antimicrobial agent Metronidazole. Drug therapy of scabies.	[04] [03] [03]
Q.3	Writ a) b) c)	e short notes on : Oxytocics – uses and precautions w Simvastatin. Oral antidiabetic agents.	(04) [03] [03]
Q.4	Give a) b) c) d) e)	reasons for the following (any Five.) Primaquine is used with chloroquine Nicorandil is useful in angina pector Prolonged steroid therapy should no Mannitol is used in impending renal Gentamicin should be used cautious Pregnancy due to failure of oral con	ris. ot be abruptly stopped. failure.

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# SUBJECT: PHARMACOLOGY PAPER-I

Day: hednesday
Date: 8-1-2003

Time: 11.00 A.M. TO J.00 P.M. Max. Marks: 40.

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- 1) All questions are COMPULSORY.
- 2) Figures to the RIGHT indicate full marks.
- Q. 1 a) Describe clinical uses of adrenergic β blockers. (04)
  - b) Mention the adverse effects of atropine. Give reasons for the same. (03)
  - c) What are the advantages of combining adrenaline with local anaesthetics. (03)
- Q. 2 a) Define biotransformation. Enumerate factors which influence biotransformation of drugs., (05)
  - b) List various routes of drug administration. Describe the advantages and disadvantages of the oral route. (05)
- Q. 3 a) Describe the mechanism of action of benzodiazepines.

  List the uses of diazepam. (05)
  - Define drug dependence. List the drugs likely to produce drug dependence.
     Describe the withdrawal syndrome seen with morphine. (05)
- Q. 4 Explain the pharmacological basis for the use of (Any FIVE). (10)
  - a) Benzhexol in drug induced Parkinsonism.
  - b) Imipramine in endogenous depression.
  - c) Pentothal sodium for induction of anaesthesia.
  - d) Disodium chromoglycate in bronchial asthma.
  - e) Ethyl alcohol in methanol poisoning.
  - f) Aspirin in acute myocardial infarction.

SARASWATI - II (NEW RULES) - JANUARY \2003 SUBJECT : PHARMACOLOGY PAPER - II

Thursday Day Time: 11.00 a.m. to 1.00 p.n 9-1-2003 Date Marks: 40 N.B. 1. All questions are COMPULSORY. 2. Figures to the RIGHT indicate full marks. Q.1Write briefly on -Therapeutic uses and adverse effects of estrogens. (05)a) b) Pharmacotherapy of malaria. (05)Discuss briefly on -Q.2 Factors affecting choice of antimicribial agent in a patient. (04)a) b) (03)c) Adverse effects of aminoglycoside antibiotics. (03)Q.3 Write short notes on Enalapril (04)a) Methylergometrine b) (03)c) Mannitol (03)Give reasons for the following (10)Q.4 (any five) Sodium nitrite is used in cyanide poisoning. a) **b**) Simvastatin lowers blood cholesterol. Propylthiouracil is used in thyrotoxicosis. c) d) Frusemide is effective in pulmonary oedema. Sulphonamide is combined with trimethoprim. e) f) Verapamil should not be used in patients receiving digoxin.



# SARASWATI - II (NEW RULES) - APRIL / MAY - 2002 SUBJECT : PHARMACOLOGY PAPER - I

Day Date	: Friday : 11/01/2002	Time: 11.00 a.m. to 1.00 p.m. Marks: 40
N.B.	<ol> <li>All questions are COMPULSORY</li> <li>Figures to the RIGHT indicate full</li> </ol>	
Q.1	Write briefly on drug therapy of - a) Parkinsonism b) Bronchial asthma	(05) (05)
Q.2	Write on the following:  a) Uses and adverse effects of Subb) Merits and demerits of the oral c) Indications for parenteral iron	route of drug administration (03)
Q.3	Write briefly on  a) Phenytoin sodium  b) Drugs used in constipation.	(05) (05)
Q.4	Give pharmacological basis for the following a)  Ethanol to prevent bedsores  Physostigmine to treat bellador  Colchicine in acute gout  Dopamine in cardiogenic shoce  Chlorpromazine in schizophre  Dantrolene in malignant hyper	na poisoing. k nia

# SARASWATI - II (NEW RULES) - APRIL / MAY - 2002 SUBJECT : PHARMACOLOGY PAPER - II

Day. Date	Saturday : 12/01/2002	Time: 11.00 a.m. to 1.00 p.m. Marks: 40
N.B.	<ol> <li>All questions are COMPULSORY.</li> <li>Figures to the RIGHT indicate full marks.</li> </ol>	
	. 1	
Q.1	Write Pharmacotherapy of - a) Diabetic ketoacidosis. b) Multibacillary leprosy.	(05) (05)
Q.2	Discuss briefly  a) Antimicrobial resistance.  b) Urinary antisceptics.  c) Drug treatment of herpes simplex.	(04) (03) (03)
Q.3	Writge short notes on  a) Calcium channel blockers in hypertension	n. (05)
: .s	b',) Oral contraceptives.	(05)
C 2.4	Give reasons for the following  a) Chloroquine is effective in hepatic amoeb b) Potassium levels must be monitored in pa c) Single daily dose of prednisolone is prefe d) Radioactive iodine should not be used in e) Dopamine is used in carcdiogenic shock f) Ergometrine is not used for induction of 1	tients receiving digitalis and diuretics. rred in long term glucorticoid therapy. young patients.

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Friday Time: 11.00 A.M. To 1.00 P.M. 12/01/2001 Max. marks: 40 1) All questions are **COMPULSORY**. 2) Figures to the right indicate maximum marks. Write briefly on -Drug treatment of peptic ulcer. (5) Therapentic uses and adverse effects of propranolol (5) Ö) Describe how Age and Sex affect the dose of the drug to be a) administered **(4)** o) Explain the significance of protein binding of drugs. (3) Write short note on adrenergic alpha blockers. 3) (3)Discuss the indications and untoward effects of Aspirin therapy. (5)Describe the mechanisms of action of drugs used in the treatment of cough. (5)Explain the pharmacological basis for the use of (any five) (10)a) Neostigmine in myasthenia gravis ) Benztropine in drug induced parkinsonism

i) Vit K in coumarin induced bleeding
 i) Sodium valproate in epilepsy
 i) Aminophylline in bronchial asthma
 i) Phenobarbitone in kernicterus

#### SARASWATI - II (OLD COURSE) APRIL/MAY 2001 SUBJECT: PHARMACOLOGY

Day Date - Friday 20/04/2001

Edrophonium Pancuronium

Dobutamine

Radioactive iodine Lente Insulins

Fibrinolytic agents

Adverse effects of oral contraceptives

Write short notes on :-

c) d)

a)

**b**)

c)

d)

Q. 6

Time: 10 A.M. To 1 P.M.

Max. marks: 100

N.B.

- 1) All questions are COMPULSORY.
- 2) Figures to the RIGHT indicate FULL marks.
- 3) Answer to the Two Section must be written in Separate answerbooks.

	SECTION - I	
Q. 1	Discuss in brief the following: (Any THREE)  a) Semisynthetic Penicillins  b) Treatment of drug resistant tuberculosis  c) Therapeutic uses of fluroquinolones  d) Drugs used in Ascariasis	(18)
Q. 2	<ul> <li>Write short notes on the following:-</li> <li>a) Factors affecting Bioavailability of drugs</li> <li>b) Competitive autagonism</li> <li>c) Oral rehydration solution</li> <li>d) Vitamin E</li> </ul>	(16)
Q. 3	Give pharmacological basis for use of :- a) Glyceryl trinitrate in acute attack of angina pectoris b) Enalapril in hypertension c) Beclomethasone in bronchial asthma d) Dopamine in shock  SECTION - II	(16)
Q. 4	Write briefly on any THREE of the following:-  a) Neuroleptanalgesia  b) Uses and adverse effects of chlorpromazine  c) Sodium valproate  d) Therapeutic uses of aspirin	(18)
Q. 5	Write briefly on - a) Salbutamol b) Edrophonium	(16)

14)

**13**)

03)

(04)

(03)

(03)

(10)

(16)

#### SARASWATI-II (NEW RULES): JANUARY 2001 SUBJECT: PHARMACOLOGY PAPER-II

33

Day : Saturday Time: 11.00 A.M. TO 1.00 P.M 13/01/2001 Date Max. Marks: 40. N.B. All questions are COMPULSORY. 1) 2) Figures to the **RIGHT** indicate full marks. Write briefly on -Q. 1 Drug therapy of leprosy. (05)a) Clinical uses of ACE-Inhibitors. b) (05)Q.2 Write on the following: Adverse effects of tetracyclines. (05)a) b) Mechanism of action and indications of cotrimoxazole. (05)Q. 3 Explain Pharmacological reasons for Drug/s of choice and route of administration to treat a) Diabetic coma. (04)b) Acute pulmonary edema. (03)c) Clonidine withdrawal hypertension. (03)Q. 4 Explain the Pharmacological basis for the use of (Any FIVE). (10)a) Magnesium sulphate in constipation. Bromocriptine in galactorrhoea. b)



Propranolol in thyrotoxicosis.

Clavulanic acid with amoxycillin.

Clomiphene citrate in infertility.

Folinic acid in methotrexate toxicity.

c)

d)

e)

f)

#### SARASWATI - II (NEW RULES) - JULY - 2001 SUBJECT : PHARMACOLOGY - II

Day Date Saturday

07/07/2001

Time: 11.00 A.M. To 1.00

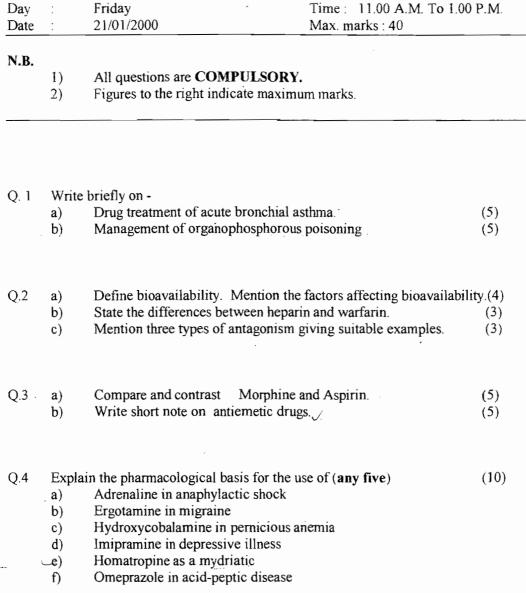
Max. marks: 40

#### N.B.

- 1) All questions are COMPULSORY.
- 2) Figures to the right indicate maximum marks.
- Q. 1 Write briefly on
  - a) Clinical uses and adverse effects of glucocorticoids. (5)
  - b) Short course chemotherapy of tuberculosis. (5)
- Q.2 Write on the following:
  - a) Mechanisms of action of antimicrobial agents. (4)
  - b) Broad spectrum antihelminthic agents. (3)
  - c) Immunostimulaut drugs. (3)
- Q.3 Write short notes on:
  - a) Thiazide diuretics. (4)
  - b) Human Insulin (3)
  - c) Mechanisms of action of oral contraceptives (3)
- Q.4 Give reasons for any **five** of the following:- (10)
  - a) Oxytocin is preferred to ergometrine to induce labour
  - b) Clonidine therapy in hypertension should not be stopped abruptly
  - c) Sulphamethoxazole is combined with trimethoprim
  - d) Propranolol is used in angina pectonis
  - e) Bromocriptine is used in galactorrhea
  - f) Vasodilators are used in congestive heart failure



#### SARASWATI - II (NEW RULES) - JANUARY - 2000 SUBJECT : PHARMACOLOGY - I





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#### SARASWATI - II (NEW RULES) - JULY - 2000 SUBJECT : PHARMACOLOGY - I

Time: 11.00 A.M. To 1.00 P. Day Friday 7/07/2000 Max. marks: 40 Date N.B. 1) All questions are COMPULSORY. 2) Figures to the right indicate maximum marks. Write briefly on -Q. 1 Principles of antiepileptic therapy (5) a) b) Drug treatment of glaucoma (5) Define biological half life and give its clinical significane (4)Q.2 a) Explain the significance of hepatic microsomal enzyme induction. b) (3) State the differences between oral and parenteral iron therapy. (3) c) Q.3 Describe the actions and uses of Benzodiazepines. (5) a) Mention the indications and contra indications for the use of b) Morphine. (5) (10)Explain the pharmacological basis for the use of (any five) Selegiline in parkinsonism a) Ranitidine in peptic ulcer b) Propranolol as an anxiolytic drug c) Promethazine in suppression of cough d) Aspirin in myocardial infarction e)

Dopamine in cardiogenic shock

f)

#### SARASWATI - II (NEW RULES) - JULY - 2000 **SUBJECT: PHARMACOLOGY-II**

Time: 11.00 A.M. To 1.00 P. Day Saturday 8/07/2000 Max. marks: 40 Date N.B. 1) All questions are COMPULSORY. 2) Figures to the right indicate maximum marks. Q. 1 Write briefly on -Drug treatment of chloroquine resistant falciparum malaria. (5)a) b) Management of Hypertensive emergencies. (5) (05)Q.2 Write on the following:-05) Indications and toxic effects of Tetracyclines. (5) Topical and systemic therapy for superficial dermal fungal b) (5) infections (04)(03)(03)Discuss the precautions required during long term corticosteroid a) (4) b) Describe the uses of Frussemide (3)Discuss the mechanisms of centrally acting antihypertensive agents.(3) c) (04)(03)

(03)

(10)

(10)

Nitroglycerine in acute anginal attack d) Clavulanic acid with amoxicillin e)

Chloroquine in Hepatic amoebiasis

f)

Mannitol in cerebral oedema

b)

c)

Gentamycin by parenteral route only

Explain the pharmacological basis for the use of :- (any five)

Ergometrine in control of post partum haemorrhage

# SARASWATI-II (OLD COURSE) OCT./NOV. 1999 SUBJECT: PHARMACOLOGY

$D_{\mathbf{a}y}$	PHA	RMACOLOGY 1999
Dota	Wednesday 20/10/1999	
N.B.	-0, 10, 1999	Time: 11.00 A.M. To 2.00 P.M. Max. marks: 100
1)	All questions are COMPULSOI	Marks. 100
2) 3)	Figures to the RIGHT indicate I	RY.

Figures to the RIGHT indicate FULL marks.

Answer to the Two Section must be written in Separate answerbooks.



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SECTION-I	
Q. 1 a) Discuss drug therapy of acute urinary tract infection.	
THE DIETLY ON ANY TUDER	(06)
a) Metronidazole b) Doxycycline c) Beta-lactamase inhibitors d) Griseofulvin	(12)
Q. 2 Write short notes on the following:-	
1. STATISTICO PENETICO	(16)
Methods to prolong days agric	(16)

Methods to prolong drug action c)

Omeprazole

d) Therapeutic Index

Q. 3 Give pharmacological basis for use of :-Spironolactone with thiazide diuretics b) (16)

Nitrites in angina pectoris c)

Amlodipine in hypertension

Ketotifen in asthma d)

# SECTION - II

7	Write	briefly on any Trees	
	a)	briefly on any THREE of the following:-	
	b)	Therapeutic uses of Benzodiazepines  Dissociative anaesthesia	(18)
		Contrainchications 6	(-0)

Contrainchications for use of morphine d)

Drug treatment of Parkinsonism

# Write briefly on -

Uses of prostaglandins a) b)

Drug treatment of organophosphorous poisoning c)

Cardioselective betablockers

d) Succinylcholine

# Write short notes on :-

a) Mechanisms of action of antithyroid drugs b) Uses of prednisolone

Chlorpropamide

Parenteral iron therapy

# SARASWATI-II (OLD COURSE) APRIL/MAY 1999 SUBJECT: PHARMACOLOGY

Day Time: 11.00 A.M. To 2.00 P.M. Friday Date Max. marks: 100 23/4/1999 N.B. 1) All questions are COMPULSORY. 2) Figures to the RIGHT indicate FULL marks. 3) Answer to the Two Section must be written in Separate answerbooks. SECTION - I Discuss in brief the following (any THREE) (18)Third generation cephalosporins. Uses a foxicity of Aminoglycoside antibiotics. b) ns of antimicrobial action of drugs. c) Antifun agents. Write short notes on the following:-(16)a) Drug synergism / b) Enzyme induction/ 8) Domperidone ~ Disadvantages of oral route. Give pharmacological basis for use of :-Disodium chromoglycate in asthma. (16)Furosemide in acute left ventricular failure Nifedipine in hypertension Propranolol in angina pectoris SECTION - II Wiefly or any THREE of the following:-Indications and complications of spinal anaesthesia (18)a) Pharmacological actions and adverse effects of Aspirin b) Tricyclic antidepressants c) Principles of antiepileptic therapy d) Write briefly on :-Uses of antihistaminics (16)Atropine substitutes b) Phenylephrine ~ Labetalol Write short notes on -Tocolytic agents a) Adverse effects of glucocorticoids b) Drug treatment of megaloblastic at c) Human insulin preparations d)