

खाद्य संरक्षा एवं औषधि प्रशासन, उत्तराखण्ड के अन्तर्गत औषधि निरीक्षक ग्रेड-II पद पर चयन हेतु स्क्रीनिंग परीक्षा (वस्तुनिष्ठ प्रकार) का पाठ्यक्रम

1. स्क्रीनिंग परीक्षा (वस्तुनिष्ठ प्रकार)

क्र.सं.	विषय	प्रश्नों की संख्या	अधिकतम अंक	समयावधि
1	PHARMACEUTICAL SCIENCES	200	200	03 घण्टा

नोट:—उक्त वस्तुनिष्ठ प्रकृति की परीक्षा में ऋणात्मक मूल्यांकन (Negative marking) पद्धति अपनाई जायेगी। अभ्यर्थी द्वारा प्रत्येक प्रश्न के लिए दिये गये गलत उत्तर के लिए या अभ्यर्थी द्वारा एक ही प्रश्न के एक से अधिक उत्तर देने के लिए (चाहे दिये गये उत्तर में से एक सही ही क्यों न हो), उस प्रश्न के लिए निर्धारित अंकों का एक चौथाई (1/4) दण्ड के रूप में काटा जायेगा।

SYLLABUS FOR DRUG INSPECTOR
"PHARMACEUTICAL SCIENCES"

1. Forensic Pharmacy & Drug Regulatory Affairs

- Drugs and Cosmetic Act-1940
- Pharmacy Act-1948
- Drugs and Magic Remedy Act- 1954
- Medical and Toilet Preparation Act-1955
- Prevention of cruelty to Animal Act 1960
- Drug Price Control Order-1995
- Medical Termination of Pregnancy Act-1971
- Poison Act-1999 and Dangerous Drugs Act-1930
- Trademark Registration Act
- Pharmaceutical Ethics
- Narcotics and Psychotropic Substances Act, 1985
- Study of IP, BP, USP and National Formulary of India
- Brief study on Good Manufacturing Practices, Good Laboratory Practices, WHO Guidelines, USFDA, TGA, EuGMP, UKMHRA & ICH Guidelines.

2. Pharmaceuticals & Biopharmaceuticals

Classification, manufacturing & evaluation of following dosage forms

- Tablet,
- Capsule,
- Parenteral Preparation,
- Emulsion, suspension,
- Suppositories,
- Blood, Fluid and Electrolytes
- Surgical Dressing
- Biological Preparations (Sera, Vaccines and Anti-sera)
- External Preparations
- Ophthalmic Preparations
- **Pharmaceutical aerosols:** Propellants, containers, valves, formulation and evaluation of aerosols.
- **Cosmetics:** Manufacturing and Quality Control of cosmetic preparations.

3. Pharmaceutical Analysis

- Limit Test
- Bio-Assay
- Sterility Test
- Pyrogen Test
- Theory & Application of UV Visible Spectrophotometry, IR Spectrophotometry, GC, HPLC, Mass Spectroscopy
- Karl Fischer Titration
- Alcohol Determination
- Microbiological Assay of Vitamins & Antibiotics

4. Medicinal Chemistry

Structure, Storage and marketed preparation of the following-

- Steroids
- Antihistaminic Agents
- Sedatives and Hypnotics
- Psycho-therapeutic Agents
- Analgesics
- Cardiovascular Agents
- Antimicrobial & Chemotherapeutic Agents.
- Drugs for Metabolic disorders.

5. Pharmacognosy

Source, Chemical constituents, uses and adulteration of the following classes of natural drugs:

- Rauwolfia
- Ipecacuanha
- Belladonna
- Cinchona
- Senna

- Aloe
- Nuxvomica
- Cinnamon
- Digitalis
- Opium
- Kurchi
- Brahmi
- Tulsi
- Bael and Ephedra
- Herbal Cosmetics
- Identification & Analysis of Phytoconstituents (Terpenoids, Glycosides, Alkaloids & Resins)

6. Pharmacology Toxicology

- Routes of Administration
- Absorption, Distribution, Metabolism & Excretion of Drugs
- Bioavailability
- Introduction and General Principle Mode of Action
- Drug Receptor Interaction
- Drug dependence and addiction
- Adverse Drug Reaction, Drug Abuse, Drug Toxicity, Pharmacovigilance
- Biostatics & applications

7. Hospital & Clinical Pharmacy

- Handling and Prescription
- Incompatibility
- Storage conditions of drugs
- Clinical Pharmacy
- Clinical Trials

8. Anatomy, physiology & Health Education

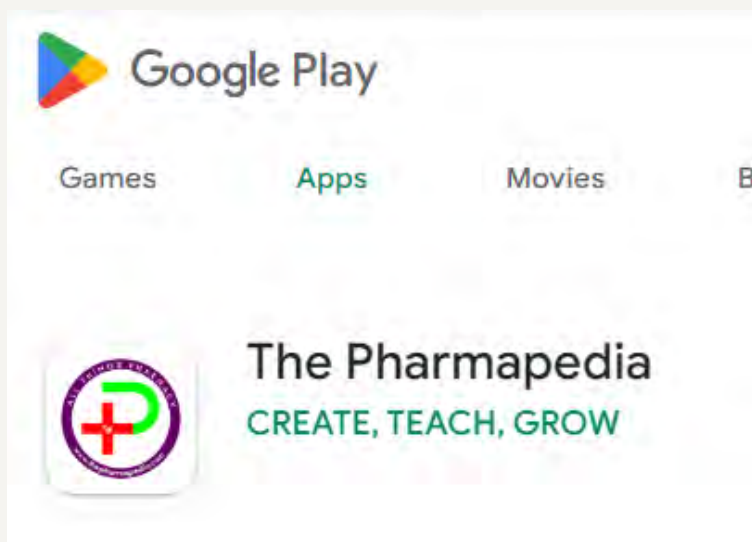
Basic knowledge of the following is required-

- Cardiovascular System
- Digestive System
- Nervous System
- Reproductive System
- Skeletal System
- Urinary System
- Respiratory System
- Special sense organs (Eye, Ear, skin, Tongue, Nose)
- Nutrition
- First Aid
- Population Control
- Communicable and Non-communicable disease

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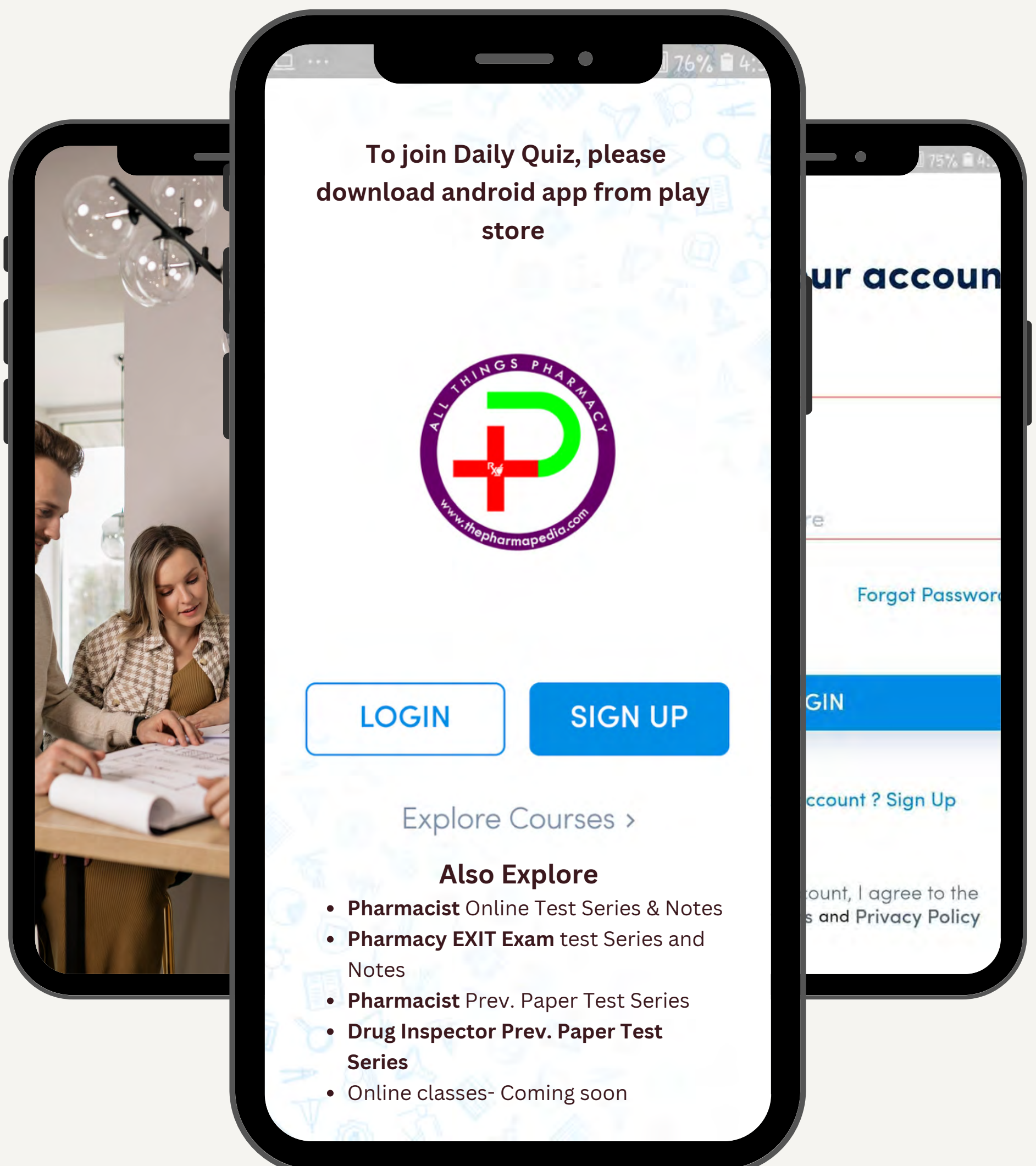


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List of Drug Inspector Solved Papers with Answer Key (8500+ MCQs)-Available with our App

S. No.	Organization/Conducting body	Year
1	UPSC Drug Inspector Paper-Aug 2023	2023
2	Junior Analyst (Pharmaceutics) Paper (Drug Testing Laboratory) TNPSC 2023	2023
3	Senior Scientific Officer (Drug) Gujarat Drugs Service 2023	2023
4	Assistant Commissioner (Drug) Paper FDA MPSC 2023 Maharashtra	2023
5	Drug Inspector (Jurisprudence) Paper 2023 BPSC Biha	2023
6	JPSC Drug Inspector Paper (Microbiology)2023- Jharkhand	2023
7	Drug Inspector (HAP) Paper 2023 BPSC Bihar	2023
8	BPSC Drug Inspector Paper-2 (Pharmacognosy) 2023	2023
9	BPSC Drug Inspector (Pharmaceutical Analysis) Paper Paper 2023 Bihar	2023
10	BPSC Drug Inspector (Microbiology) Paper -2023 Bihar	2023
11	BPSC Drug Inspector (Pharmacology and Toxicology) Paper -2023 Bihar	2023
12	Sen. Drug Inspector GPSC Paper 2022-Gujarat	2022
13	Drug Inspector Paper HPSSC 2021 Himachal Pradesh	2021
14	GPSC Senior Drugs Inspector Exam Paper 2020-21	2021
15	HPPSC Drug Inspector Paper 2020-Himachal Pradesh	2020
16	GPSC Assistant Commissioner -FDA Drug paper 2020- Gujrat	2020
17	GPSC Joint Commissioner (Drug) Paper 2020 -FDA Gujrat	2020
18	Deputy Commissioner (Drug) FDA Paper 2020 GPSC Gujarat	2020
19	HPSSC Drug Inspector Prev. Paper 2020 Himachal Pradesh	2020
20	Drug Inspector Paper SPSC 2020 Sikkim	2020
21	Drug Inspector Paper 2020 GPSC- GOA PUBLIC SERVICE COMMISSION	2020
22	TNPSC Drug Inspector (Microbiology) Paper 2019	2019
23	TNPSC Drug Inspector (Pharmacy/Pharmaceutical Science) Paper 2019	2019
24	TNPSC Drug Inspector (Pharmaceutical Chemistry) Paper 2019	2019
25	TNPSC Drug Inspector (Pharmacology) Paper 2019	2019
26	Junior Analyst (Pharmaceutical Chemistry) Paper (Drug Testing Laboratory) TNPSC 2018	2018
27	KPSC Drug Inspector Paper 2018 Karnataka	2018
28	Junior Analyst (Pharmacy/Pharmaceutical) Paper 2018 TNPSC Drug Testing laboratory Tamil Nadu	2018
29	CGPSC Drug Inspector Prev. Papers 2015 Chhattisgarh	2015
30	UPSC Drug Inspector Paper 2015	2015
31	Assistant Commissioner (Drug) FDA Paper 2014- MPSC Maharashtra	2014
32	Assistant Commissioner [Drugs], HOD, Professor, Associate Professor and Assistant Professor- Pharmacy Online Examination-2014	2014
33	JPSC Drug Inspector Paper (Jurisprudence) 2013- Jharkhand	2013
34	JPSC Drug Inspector Paper (Pharmacology) 2013- Jharkhand	2013
35	OPSC Drug Inspector Paper 2012-Odisha	2012
36	APPSC Drug Inspector Paper 2012-ANDHRA PRADESH	2012
37	Drug Inspector Paper 2012-RUHS Rajasthan	2012
38	TNPSC Drug Inspector Paper 2012 Tamil Nadu	2012
39	Drug Inspector PEBMP Paper 2012 MP	2012
40	UPSC Drug Inspector Paper-2011	2011

41	GPSC Drug Inspector Paper 2010- Gujrat	2010
42	HPPSC Drug Inspector Paper 2009 Himachal Pradesh	2009
43	CG PSC Drug Inspector Paper 2009 Chattisgadh	2009
44	BPSC Drug Inspector (Pharmacology) Paper 1998-Bihar	1998
45	Drug Inspector RPSC Paper 1996- Rajasthan	1996

List of Pharmacist Solved Papers with Answer Key (8500+ MCQs)-Available with our App

1	Organization/Conducting body	Year	No of MCQ
2	AIIMS Pharmacist Prev. Papers	AIIMS Delhi 2018	136
3		AIIMS Patna 2023	100
4		AIIMS Raipur 2023	100
5		AIIMS Bhubaneswar 2023	100
6		AIIMS Delhi 2023	
7		AIIMS 2020	100
8		AIIMS Pharmacist	100
9		DSSSB Delhi Pharmacist Prev. Papers	DSSSB 2015
10	DSSSB 2021		100
11	DSSSB 2016		100
12	DSSSB 2018		100
13	DSSSB 1 st Nov 2019		100
14	DSSSB 2 nd Nov 2029		100
15	VMCC Safdarjung Delhi 2020		100
16	Mohalla Clinic Delhi 2022		100
17	VMCC Safdarjung Delhi 2023		60
18	RRB/ Railway Pharmacist Prev. Papers	RRB Ammedabad 2015	100
19		RRB 2015-1 st paper	100
20		RRB 2015-2 nd paper	100
21		RRB 2019-1 st paper	100
22		RRB 2019-2 nd Paper	100
23		RRB 2015	50
24		RRB NWR Ajmer 2012	60
25		RRB Departmental exam 2019	100
26		RRB Gr-III Paper	100
27	ISRO Pharmacist Prev. Papers	ISRO 2017	80
28		ISRO 2021	80
29		ISRO 2018	100
30	CGHS Pharmacist Prev. Papers	CGHS Bangalore 2019	100
31		CGHS 2018	50 (Pharmacy

			section)
32		CGHS Delhi 2018	100
33		CGHS Hyderabad 2019	100
34		CGHS Nagpur 2018	120
35		CGHS 2018	40 (Pharm. Section)
36	ESIC Pharmacist Prev. Papers	ESIC 2019	125
37		ESIC March 2016	100
38		ESIC May 2016	100
39		ESIC paper-1 st 2014	70 (Pharmacy Section)
40		ESIC Paper-2 nd 2014	100
41	Rajasthan Pharmacist Prev. Papers	RUHS Paper 1 st 2012	80
42		RUHS Paper 2 nd 2012	80
43		RUHS Paper 3 rd 2012	80
44		RUHS Paper 4 th 2012	80
45		NHM-SIHFM 2016	100
46	Coalfield Pharmacist Prev. Papers	NCL (Northern Coalfield) 2020	70 (Pharmacy section)
47		BCCL (Bharat Coking Coal Limited) 2015	100
48		SECL(South Eastern Coalfields Limited) 2018	100
49		NCL (Northern Coalfield) 2016	65 (Pharmacy Section)
50		NTPC (National Thermal Power Corporation) 2020	50
51		Central Coalfield 2024	50 (Pharmacy Section)
52	Kerala Pharmacist Prev. Papers	Pharmacist Gr-II 1 st Paper 2015	100
53		Pharmacist Gr-II 2 nd Paper 2015	100
54		Assistant Pharmacist 2015	60
55		Pharmacist Gr-II 2018	80
56		Pharmacist Gr-II 2017	80
57		Pharmacist Gr-II 2019	100
58		Pharmacist Gr-II 2015	100
59		Pharmacist Gr-II 2020	100
60		Pharmacist Gr-II 2015	80
61		Pharmacist Gr-II 2022	100
62	Himachal Pradesh (HPSSB) Pharmacist Prev. Papers	HPSSB 1 st Paper 2016	100
63		HPSSB 2 nd Paper 2016	100
64		HPSSB Paper 2021	170 (Pharmacy Section)
65		HPSSB Paper 2018	170 (Pharmacy Section)
66		HPSSB Paper 2020	170 (Pharmacy Section)
67	Bihar Pharmacist Prev. Papers	BSSC 1 st paper 2018	100

68		BSSC 2 nd Paper 2018	100
69		BSSC Paper 2019	92 (Pharmacy Section)
70	Punjab (BFUHS) Pharmacy officer/Pharmacist Prev. Papers	BFUHS 2018	100
71		BFUHS 2022	100
72	Maharashtra (MPSC) Pharmacy Officer/Pharmacist Prev. Papers	Pharmacist DHS 2021	40 (Pharmacy Section)
73		Pharmacist MPSC 2012	100
74		Pharmacy Officer 2023	100
75	Odisha (OSSC) Pharmacist Prev. Papers	Pharmacist 2023	100
76		Pharmacist 2021	100
77		Pharmacist 2024	100
78	Madhya Pradesh (MPPEB) Pharmacist Prev. papers	PEB MP 2017	75 (Pharmacy Section)
79		PEB MP 1 st Paper 2020	75 (Pharmacy section)
80		PEB MP 2 nd paper 2020	75 (Pharmacy section)
81		Pharmacist 1 st paper 2023	100
82		Pharmacist 2 nd Paper 2023	100
83		Pharmacist NHM (UHWC) 2022	Publishing soon
84	Assam Pharmacist Prev. Papers	DHS Paper 2021	75
85	Chhattisgarh Pharmacist Prev. Papers	Pharmacist CG 2017	100
86		Pharmacist CG 2009	Publishing soon
87	Haryana (HSSC) Pharmacist Prev. papers	HSSC 2017	25 (Pharmacy Section)
88		HSSC 2021	Publishing soon
89	Gujarat (GSSSB)	AMC (Ahmedabad Municipal Corporation) 2022	75 (Pharmacy Section)
90		AMC (Ahmedabad Municipal Corporation) 2023	100
91		Senior Pharmacist GSSSB 2020	90
92		Junior Pharmacist GSSSB 2018	90
93		Junior Pharmacist GSSSB 2022	75 (Pharmacy Section)
94	UP Pharmacist Prev. Papers	Pharmacist NHM 2022	98 (Pharmacy Section)
95	Sepoy Pharma (Indian Army)	Sepoy Pharma 2023	42 (Memory Based)
96	Pharmacist Paper MRB TN	Pharmacist Paper-1st MRB (Medical Services Recruitment Board) Tamil Nadu	100
97		Pharmacist Paper-2nd MRB (Medical Services Recruitment Board) Tamil Nadu	100
98		Pharmacist Paper-3rd MRB (Medical Services Recruitment Board) Tamil Nadu	100
99		Pharmacist Paper-4th MRB (Medical Services Recruitment Board) Tamil Nadu	100
100	JKSSB Pharmascist (Jammu& Kashmir)	Pharmacist (Veterinary) Paper Feb 2024	120

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