



# DRUG CONTROLLER OFFICER

## ONLINE TEST



**Package Fee**

**₹ 600**

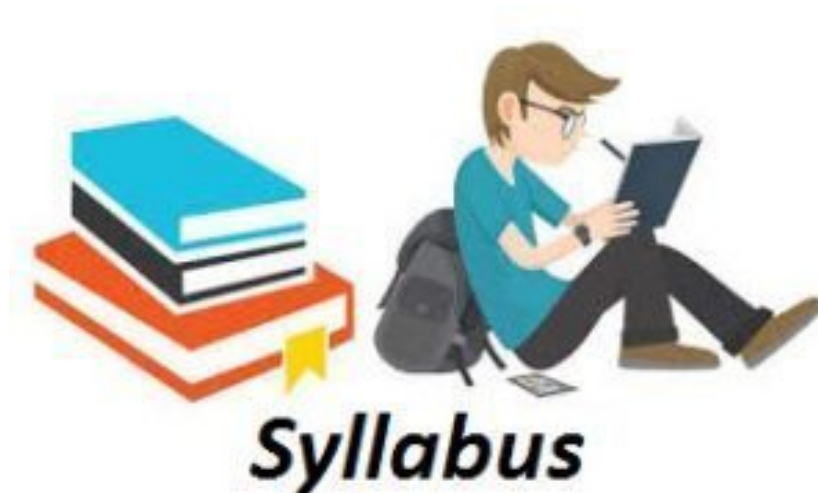
[www.gdconlinetest.in](http://www.gdconlinetest.in)

Help Line : 9770765680, 8602227444

# DRUG CONTROL OFFICER RECRUITMENT EXAMINATION

RAJASTHAN UNIVERSITY OF HEALTH SCIENCES, JAIPUR

DIRECT RECRUITMENT OF DRUG CONTROL OFFICER IN RAJASTHAN DRUG CONTROL ORGANIZATION



## 1. NATURAL PRODUCTS:

Pharmacognosy of Senna, Digitalis, Clove, Cinnamon, Rauwolfia, Ergot, Belladonna, Vinca, Ginseng, Opium and Gelatin. Chemical nature of the active constituents, tests and mode of action of these drugs.

**2. PHARMACEUTICS** (Technology of drug delivery system, Biopharmaceutics, Pharmaceutical legislation):

Technology of drug delivery system: Manufacture, Standards, labelling, packaging and storage of dosage forms like tablets, capsules, liquid orals, injectables, topical preparations, blood products and plasma substitutes, sustained release dosage forms and novel drug delivery systems.

**Sterilization:** Different methods of sterilization and sterility testing of pharmaceuticals.

Basics of pharmacokinetics and their importance in formulation, Bioavailability, Bioequivalence, Stability studies.

Drugs and Cosmetics Act and Rules, Pharmacy Act, Narcotic and Psychotropic Substances Act, Essential Commodities Act, Drugs (Price Control) Order.

### **3. PHARMACEUTICAL ANALYSIS:**

Principles and application of absorption spectroscopy, chromatography, potentiometry, complexometry, non-aqueous titrations with reference to drugs given in Indian Pharmacopoeia. Microbiological assays and biological standardization of antibiotics and vitamins as per I.P.

### **4. PHARMACOTHERAPEUTIC AGENTS AND CLINICAL PHARMACOLOGY**

Nomenclature, synthesis, uses, mechanism of action, SAR and metabolism of drugs belonging to the following categories which are official in Indian Pharmacopoeia.

Neuroleptics and tranquilisers, antihypertensives, antiarrhythmics, vasodilators, diuretics, antibiotics, sulphonamides, analgesics and anti-inflammatory drugs, antihistaminics, antineoplastics, antiamoebics, oral contraceptives, antituberculars and antileprotics, antimalarials, insulin and other antidiabetics, corticosteroids, antiulcer and antiasthmatics.

Clinical aspects of pharmacy and pharmacology, drug interactions, Basic concepts of drug metabolism.

Evaluation of drugs in human beings/ clinical trials.

Drug therapy in paediatrics, geriatrics and during pregnancy.

Radioisotopes in medical practice, Biological effects of radiation.

### **5. MICROBIOLOGY AND BIOTECHNOLOGY:**

Classification, cultivation, isolation, identification and nutritional needs of bacteria, viruses, protozoa and fungi, Microbial genetics and variations, Theoretical aspects of immunity, sources and mode of infection, general methods of preparation, standardization, preservation, storage and uses of Vaccines, Sera and diagnostic agents, Antigen - antibody reactions, Mycobacterium - Tuberculosis, Leprosy - Salmonella, Shigella, spirochetes, mycoplasma, diarrhoeal diseases, ELISA, Bacteriology of water, milk and food.

Drug sensitivity tests for Bacteria.

Fermentation technology: production of alcohol, acetic acid, citric acid, penicillin, tetracycline.

## **SCHEDULE OF ONLINE EXAMINATION**



### **IMPROVE YOUR PERFORMANE BY 15-20 %**

**GPAT Discussion Center** announces launch of DCO Online Test Series - India's most innovative online practice mock test series for DCO aspirants for exact simulation of the DCO exams. Boost your exam preparation with GDC to crack the exam.

U can join the Test any time as per the scheduled time of examination.

Visit:- [www.gdc4gpat.com](http://www.gdc4gpat.com), [www.gdconlinetest.in](http://www.gdconlinetest.in)

See the brochure for Syllabus and details

Helpline Numbers:- 8602227444, 9770765680

## **DCO All India Online Test Series**

**Visit:- [www.gdconlinetest.in](http://www.gdconlinetest.in)**

The test series is designed for the preparation of DCO and promises to deliver its finest in the exams.

**Test will be conducted till Exam**

**YOU MAY JOIN THE TEST SERIES ANY TIME AS PER THE EXAMINATION SCHEDULE, STUDENTS MAY ENQUIRE AT ANY TIME ABOUT THE COMPLETE DETAILS**

- Question In Topic wise, Mock test and previous year question.
- Day & Timing of Test: Any Time , Any Day or as per the schedule- Till DCO exam
- Negative Marking : 0.25 marks deduction on every wrong answer

- You can avail these papers any time as well as at anyplace in laptop, Desktop or in Mobile phones but we recommend it take it in Laptop or desktop.
- Result and secured Rank of test will be displayed after completion of the every test on the screen.
- If you have any query or confusion after TEST SERIES than you can ask with us BY *SENDING A MAIL TO US* on [gdcgpat037@gmail.com](mailto:gdcgpat037@gmail.com)

# TARGET DCO-2018

**According to Syllabus of Drug Controller Officer**

**IMPROVE YOUR PERFORMANCE BY 15-20 %**

The test series is designed for the preparation of DCO and promises to deliver its finest in the exams.

<b>Total 20 Test will be conducted</b>	
<b>SUBJECT WISE TEST</b>	<b>07</b>
<b>MOCK TEST</b>	<b>03</b>
<b>DI PRVIOUS YEAR PAPER</b>	<b>10</b>

## Syllabus of TARGET DCO Test Series

<b>Gpat Discussion Centre All India Test Series</b>				
Test	Test Type	Test Description	Topic	Number of Questions
<b>SUBJECT WISE TEST</b>				
<b>SUBJECT WISE TEST</b>		Test Number – 1 (8-04-2018)	<b>NATURAL PRODUCTS</b> Pharmacognosy of Senna, Digitalis, Clove, Cinnamon, Rauwolfia, Ergot, Belladonna, Vinca, Ginseng, Opium and Gelatin. Chemical nature of the active constituents, tests and mode of action of these drugs.	100
		Test Number-2 (12-04-2018)	<b>PHARMACEUTICS</b> (Technology of drug delivery system, Biopharmaceutics, Pharmaceutical legislation): Technology of drug delivery system: Manufacture, Standards, labelling, packaging and storage of dosage forms like tablets, capsules, liquid orals, injectables, topical preparations, blood products and plasma	100

	<p>substitutes, sustained release dosage forms and novel drug delivery systems.</p> <p><b>Sterilization:</b> Different methods of sterilization and sterility testing of pharmaceuticals.</p> <p>Basics of pharmacokinetics and their importance in formulation, Bioavailability, Bioequivalence, Stability studies.</p>	
Test Number -3 (15-04-2018)	Drugs and Cosmetics Act and Rules, Pharmacy Act, Narcotic and Psychotropic Substances Act, Essential Commodities Act, Drugs (Price Control) Order.	100
Test Number -4 (19-04-2018)	<p><b>PHARMACEUTICAL ANALYSIS</b></p> <p>Principles and application of absorption spectroscopy, chromatography, potentiometry, complexometry, non-aqueous titrations with reference to drugs given in Indian Pharmacopoeia. Microbiological assays and biological standardization of antibiotics and vitamins as per I.P.</p>	100
Test Number -5 (22-04-2018)	<p><b>PHARMACOTHERAPEUTIC AGENTS AND CLINICAL PHARMACOLOGY</b></p> <p>Nomenclature, synthesis, uses, mechanism of action, SAR and metabolism of drugs belonging to the following categories which are official in Indian Pharmacopoeia.</p> <p>Neuroleptics and tranquilisers, antihypertensives, antiarrhythmics, vasodilators, diuretics, analgesics and anti-inflammatory drugs, antihistaminics, antiulcer and antiasthmatics.</p>	100
Test Number -6 (26-04-2018)	<p><b>PHARMACOTHERAPEUTIC AGENTS AND CLINICAL PHARMACOLOGY</b></p> <p>Nomenclature, synthesis, uses, mechanism of action, SAR and metabolism of drugs belonging to the following categories which are official in Indian Pharmacopoeia.</p> <p>Antibiotics, sulphonamides, antineoplastics, antiamoebics, oral contraceptives, antituberculars and antileprotics, antimalarials, insulin and other antidiabetics, corticosteroids, Clinical aspects of pharmacy and pharmacology, drug interactions, Basic concepts of drug metabolism.</p> <p>Evaluation of drugs in human beings/ clinical trials.</p> <p>Drug therapy in paediatrics, geriatrics and during pregnancy.</p> <p>Radioisotopes in medical practice, Biological effects of radiation.</p>	100
Test Number -7 (29-04-2018)	<p><b>MICROBIOLOGY AND BIOTECHNOLOGY:</b></p> <p>Classification, cultivation, isolation, identification and nutritional needs of bacteria, viruses, protozoa and fungi, Microbial genetics and variations, Theoretical aspects of immunity, sources and mode of infection, general methods of preparation, standardization,</p>	100

		<p>preservation, storage and uses of Vaccines, Sera and diagnostic agents, Antigen - antibody reactions, Mycobacterium - Tuberculosis, Leprosy - Salmonella, Shigella, spirochetes, mycoplasma, diarrhoeal diseases, ELISA, Bacteriology of water, milk and food. Drug sensitivity tests for Bacteria. Fermentation technology: production of alcohol, acetic acid, citric acid, penicillin, tetracycline.</p>	
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**MOCK TEST**

<b>MOCK TEST</b>	Test Number-8 (2-05-2018)	Complete Syllabus	100
	Test Number -9 (6-05-2018)	Complete Syllabus	100
	Test Number -10 (9-05-2018)	Complete Syllabus	100
<b>PREVIOUS YEAR PAPER</b>	Test Number -11	Previous Year Qstn Paper	100
	Test Number -12	Previous Year Qstn Paper	100
	Test Number -13	Previous Year Qstn Paper	100
	Test Number -14	Previous Year Qstn Paper	100
	Test Number -15	Previous Year Qstn Paper	100
	Test Number -16	Previous Year Qstn Paper	100
	Test Number -17	Previous Year Qstn Paper	100
	Test Number -18	Previous Year Qstn Paper	100
	Test Number -19	Previous Year Qstn Paper	100
Test Number -20	Previous Year Qstn Paper	100	

# GENERAL INSTRUCTION TO JOIN THE TEST

1. Login to website [www.gdconlinetest.in](http://www.gdconlinetest.in)

India's Largest Test Series Portal

## Online Test Series Features

- Standard Exam Platform**  
Interface Similar to actual exam
- Real Exam Environment**  
Feel like you are attempting the real exam
- Based On Latest Pattern**  
Prepared by the team of experts based on latest pattern and syllabus
- Performance Analysis**  
Detailed analysis of your performance including score card, Time, Marks etc.

2. Click on **“View Detail”** to see the Drug Inspector Packages detail.

### Packages

Package Name	Starting Price	Test Types
GPAT-2017	Starts from Rs 500	Basic Level Tests, Advanced Level Tests, Topic wise Tests, Subject wise Tests, Mock Tests
NIPER-2017	Starts from Rs 400	Topic wise Tests, Subject wise Tests, Minor Tests, Major Tests, Previous year Qstns.
PHARMACIST	Starts from Rs 500	Topic wise Tests, Subject wise Tests, Reasoning, G.K & Math, Previous Year Qstns., Mock Tests
DRUG INSPECTOR	Starts from Rs 1000	Topic wise Tests, Subject wise Tests, Reasoning, G.K & Math, Previous Year Qstns., Mock Tests



3. Select the package according to your suitability and click on **"Purchase"** button to further process; u can see the Test detail by click on **"Read More"** button.

www.gdconlinetest.in/package/index?pcat\_id=3

Package Name	Total Tests	Price
KERELA DRUG INSPECTOR	30	Rs 1500
TARGET DRUG INSPECTOR	15	Rs 1000
CRACK DRUG INSPECTOR	25	Rs 1500
ACHIEVE DRUG INSPECTOR	40	Rs 2200

4. Place Order, If you have any **"COUPON CODE"** then place it for discount otherwise place order for proceed.

GPAT DISCUSSION CENTER

Admin Dashboard My Orders Profile Logout Cart(1)

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Latest News Download GDC App TARGET GPAT-2017 BROCHURE

### View Cart

#ID	Description	Amount
<a href="#">REMOVE</a> #1	KERELA DRUG INSPECTOR	Rs 1500
Coupon Code	Discount	Rs -0%

[APPLY COUPON](#)

Total: Rs 1500

[PLACE ORDER](#)

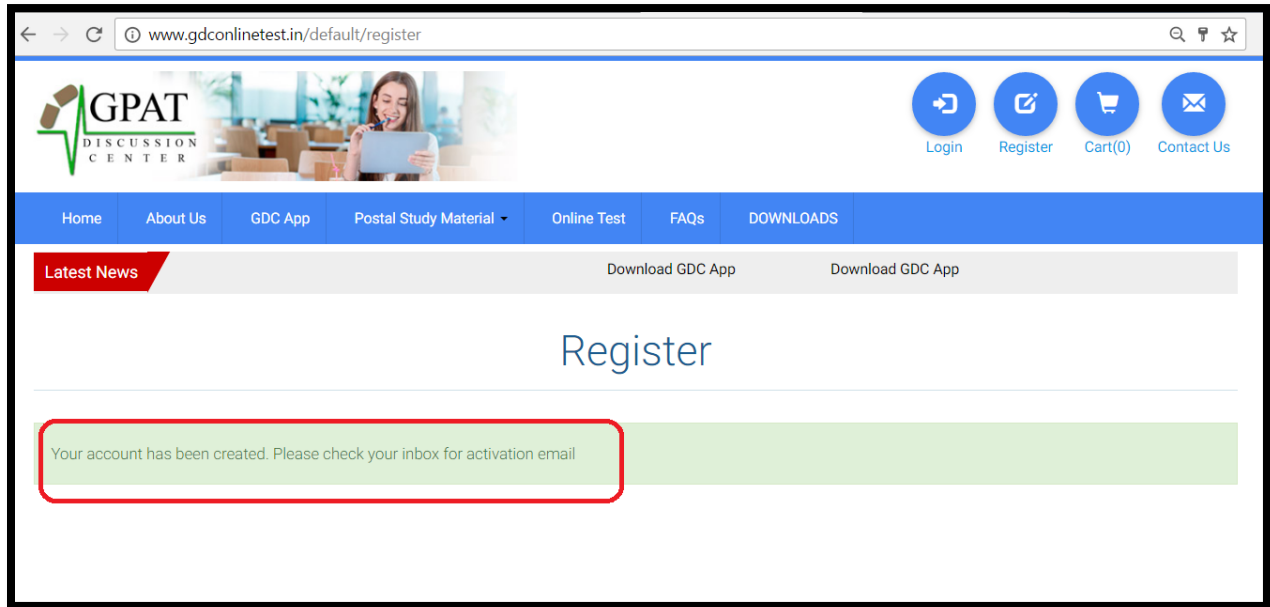
5. Register Now : New users click on the button "Registered Here"

The screenshot shows the website [www.gdconlinetest.in/default/login](http://www.gdconlinetest.in/default/login). The header includes the GPCAT Discussion Center logo and navigation links: Home, About Us, GDC App, Postal Study Material, Online Test, FAQs, DOWNLOADS, and GDC4GPAT.COM. A secondary navigation bar features 'Latest News' and links to 'Download GDC App', 'TARGET GPAT-2017 BROCHURE', and 'CRACK GPAT- 2017 BROCHURE'. The main content area is titled 'Login' and contains a large banner for the 'ONLINE TEST SERIES' with buttons for 'PHARMACIST', 'DRUG INSPECTOR', 'NIPER', and 'GPAT'. Below the banner is a 'Register Now' button. To the right is a login form with fields for 'Username' and 'Password', a 'LOGIN' button, and links for 'New User Register Here' (circled in red) and 'Forget Password? Reset Pas'. A red text overlay says 'New User Register here first' with a hand icon pointing to the 'Register Here' link.

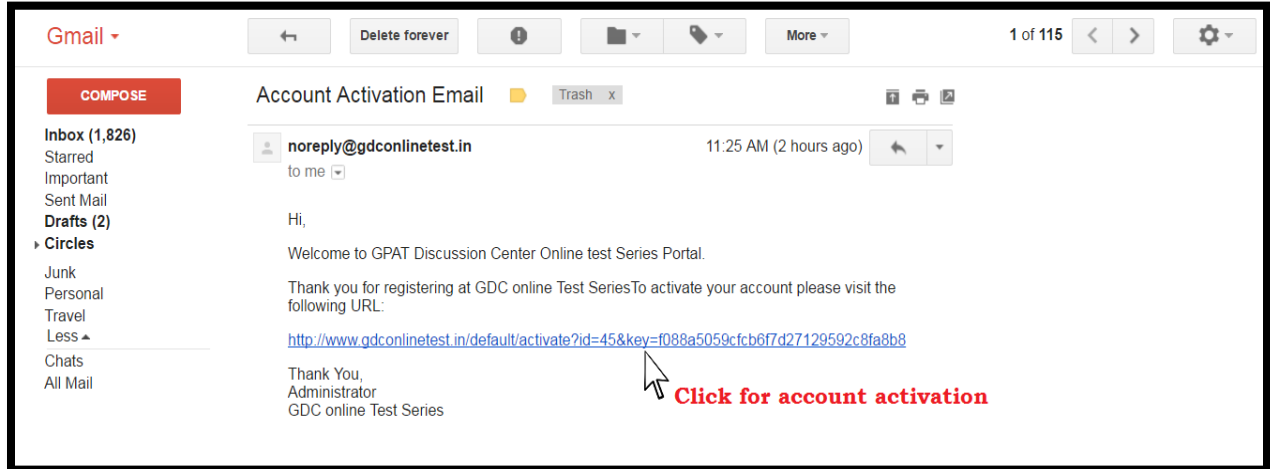
6. Register: Fill out the following fields to register

The screenshot shows the 'Register' page on the website. The page features a banner image of a student studying at a desk with books and a pen. To the right of the banner is a registration form with the following fields: 'Username', 'Email', 'Mobile', 'Password', 'Password Repeat', and a 'Captcha' field with a 'mobipuz' logo. Below the form are buttons for 'REFRESH CAPTCHA' and 'REGISTER'. A red text overlay at the bottom right says 'Click on Register button after filling the form' with a hand icon pointing to the 'REGISTER' button. At the bottom left, there is a link for 'Already Registered? Login'.

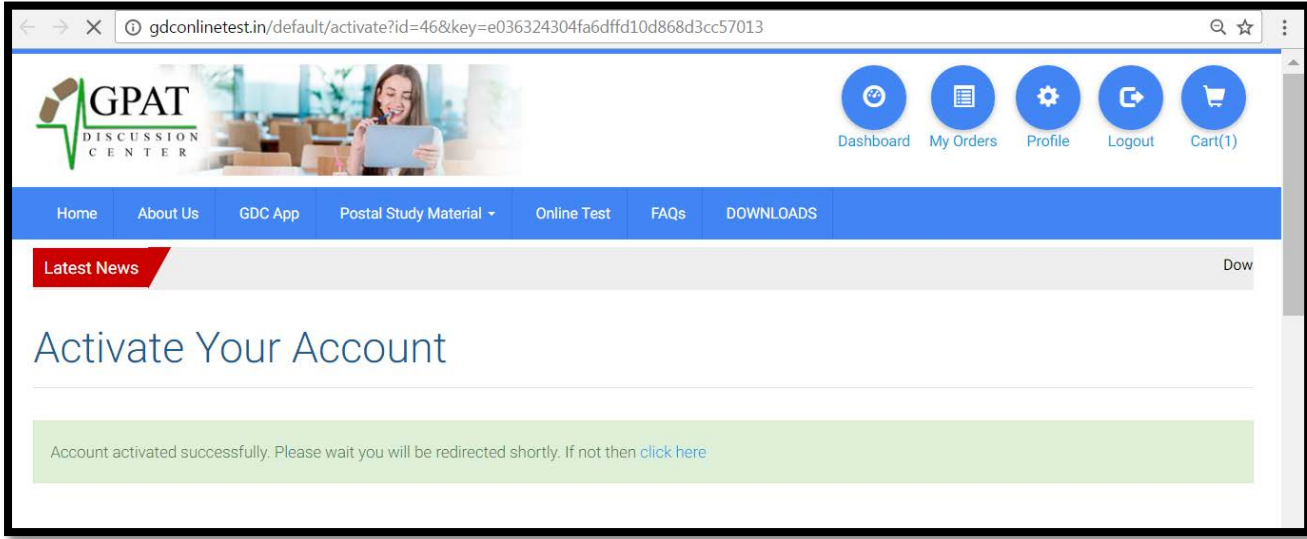
7. Now your account has been successfully created. Now check your registered mail ID for the activation



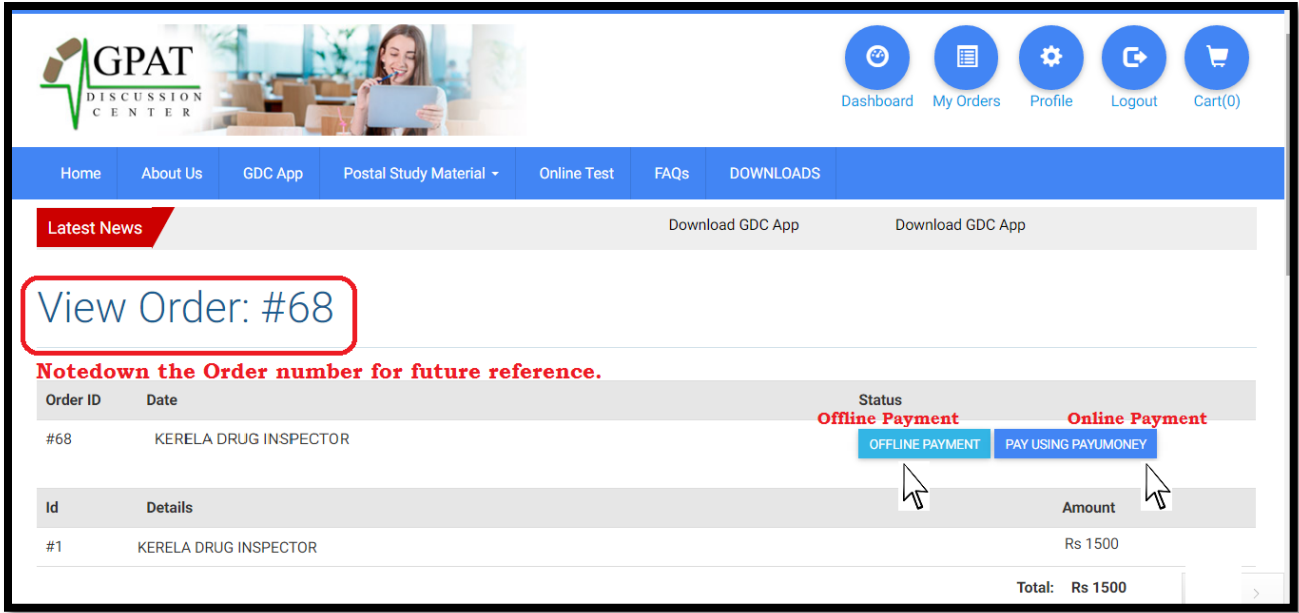
8. Account activation form your registered mail ID



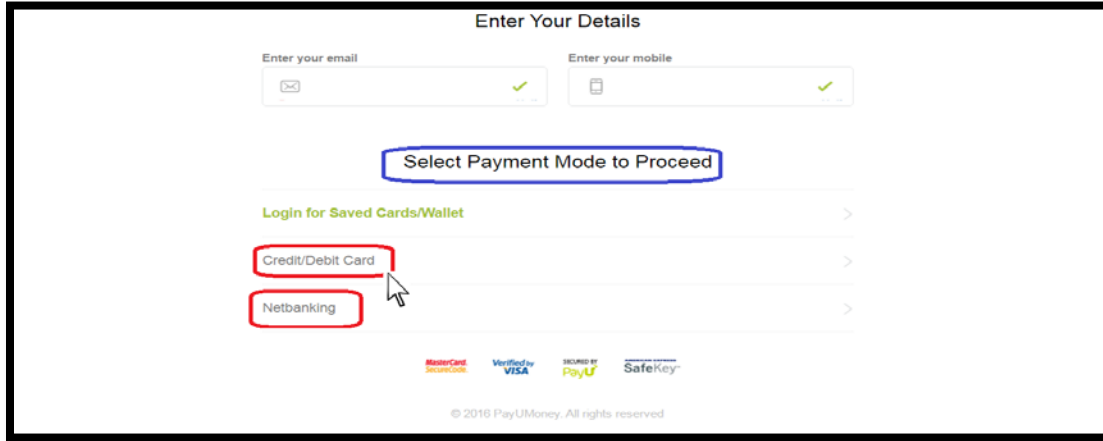
9. Your account has been activated successfully. Please wait..... for some time it will be redirected shortly



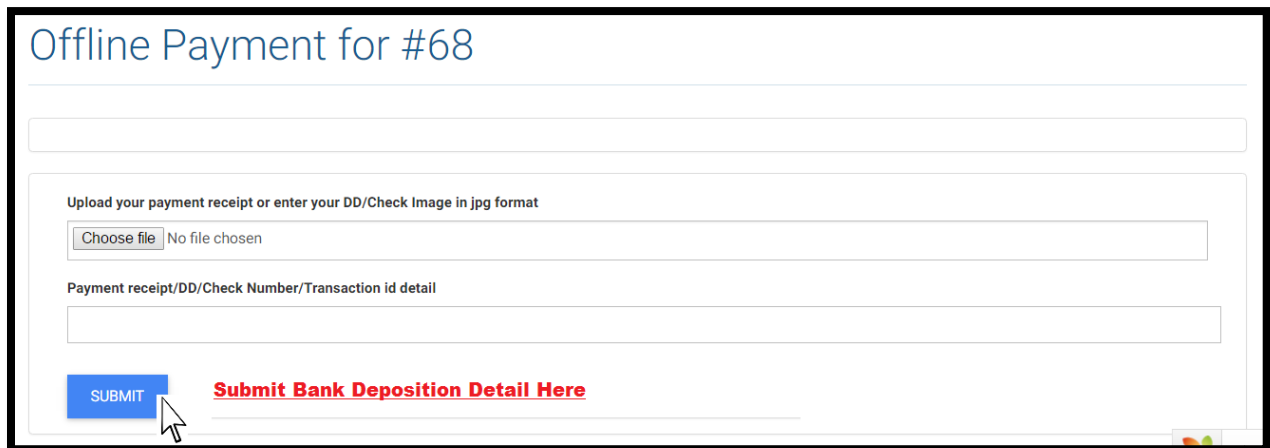
10. Two options for payment are available: one is offline payment and the other is online payment by Debit or Credit Card.



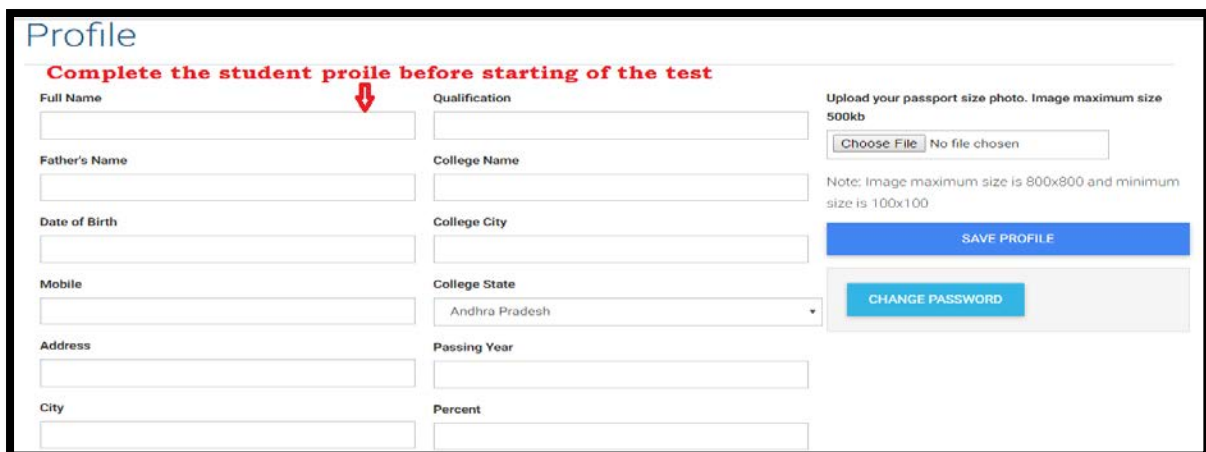
11. Enter your Detail for online Payment  
Click on Debit/Credit Card or Netbanking for payment of Course fee.



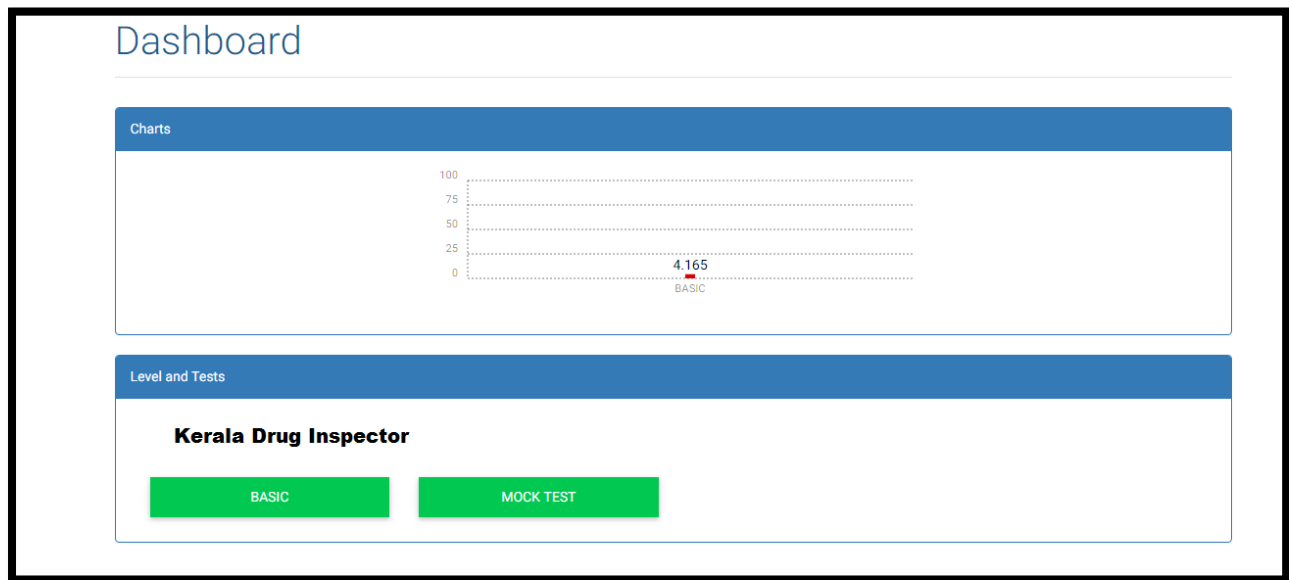
12. In case of Offline Payment, After submit send all the detail to [gdcgpat037@gmail.com](mailto:gdcgpat037@gmail.com)



13. After successful approval now time to login to attempt the test.  
Login you account by your approved user name and password



## 14. Attempt Test



## 15. Read all instruction before start of the test

Test Number- 5			
Test Name	Duration	Total Marks	Questions
Test Number- 5	180 Mins	500	125

Description

Welcome to the GDC Online Test series Portal

Read the following Description carefully

- This online test containing 125 Questions.
- Marking Scheme)
- For each correct answer, you will be awarded 4(four) marks
- For each wrong answer, you will be deducted 1(one) marks
- For each un-attempted question, you will be awarded 0(Zero) marks.
- You are requested to check internet and electric connection before starting the exam.

Instructions

These instructions should be followed by candidates while appearing in the Online Mode examination. This will familiarise candidates with the pattern / procedure of the examination.

**General Instructions:**

Please read the instructions carefully:-

- The duration of the examination is 180 minutes.
- The clock will be set at the server. The countdown timer in the top right corner of screen will display the remaining time available for you to complete the examination. When the timer reaches zero examination will end by itself. You will not be required to end or submit your examination.

## Frequently Asked Question(FAQ)

### **Ques. Why should I Purchase GDC Online Test**

**Ans: 1. Feel the RealExam Environment through our testseries.**

**Our all test containing everything which you are expected to face in exam**

**Exact Exam Pattern based questions**

**Test Series has been designed by the Highly Experience Subject Experts.**

**2. Review and enhance your performance**

**Check Your Score Card and rank Status**

**Performance Analysis**

**Detailed Solution of important question, Mail and Phone Support 24 X 7**

**Ques. Is there any free demo test**

**Ans. Yes, you can attempt one free demo test after that you decide to buy the online test.**

**Ques. How can I join Online Test Series?**

**Ans:** You need to perform the following steps to join the GDC Online Test Series:

Select the Package you want to purchase, then register into GDC Test Series Portal (for new user), fill the complete form and proceed for the Online Payment.

**(a)** then place the order by selecting any one payment option given below -

1. Online Payment- By **debit card, credit card or by net banking**
2. By **direct** transfer the amount in our GPAT Discussion Center Account.

Bank Name: ICICI Bank

Name of the Account holder: GPAT Discussion Center

Account Type: Current

Account Number: 242605500015

IFSC Code: ICIC0002426

**(b)** Fill the details and submit it.

**(e)** You will get a **account activation mail before the online payment click on that mail activate it.**

**(c)** Click on **Purchase Now** button of selected exam and make payment.

**(f)** In case of direct deposition in our account candidate should scan the counter slip of cash deposited in the ICICI Bank & attach it in offline payment option. You will get information regarding your pack activation by mail or SMS within 24 hours.

**(g)** After Login you can edit your Profile, Change your Password any time.

**(h)** Now go to **Online Test Series**, and start your Online Test.

**Ques. How can I make payment to buy any study packages**

**Ans.** You can pay via debit card, credit card, net banking. If you have not any of above service then you can deposit directly in our bank account. For more details call us : 9770765680, 8602227444.

**Ques. After purchasing the package,when my package will be activated?**

**Ans:-** After successful payment done online, then study package will be activated immediately. Now click on the packages and start your practice.

**Ques. My Transaction failed but money deducted from my account. What should i do**

**Ans:--** Nothing to worry,Just send us a email at [gdcgpat037@mail.com](mailto:gdcgpat037@mail.com) with the proper detail of your transaction, and we will do the best solution for you. Your money is safe.

**Ques. If I have paid two times or money deducted two times for a single product, now what should i do ?**

**Ans:** Don't worry ! Your one of the transaction amount gets refunded. Incase this does not happen, you can contact us at 9770765680, 8602227444 or mail us at [gdcgpat037@gmail.com](mailto:gdcgpat037@gmail.com). we will track your payment to get it refunded.

**Ques. Can I download the test papers?**

**Ans.** Test papers cannot be downloaded, but it is possible to refer the test papers/solutions whenever you like.

**Ques. Will there be any fixed time schedule within which I have to take the exam?**

**Ans.** There is no fixed time to appear for tests. Tests will be uploaded as per the given time table of institute and tests will be available up to Feb, 2019. You can appear for the tests as per your convenience within this time period.

**Ques. Will I get the solutions to the questions asked in the online test?**

**Ans.** Yes you will get answer of the every question after completion of the test.

**Ques. What are the types of questions asked in GPAT/NIPER 2017?**

**Ans.** Multiple Choice Questions will be asked in DCO, and these types of questions are also included in DCO Online Test Series.

**Ques. What is the last date to enroll for Online Test Series?**

**Ans.** U can enrol for the test any time.

**Ques. Is there is any test center or can I give the test from anywhere?**

**Ans.** No, test centers are not available for online test. You can appear for tests anytime, anywhere where internet facility is available. For classroom test series visit our website [www.gdc4gpat.com](http://www.gdc4gpat.com)

**Ques. What if I accidentally close the exam window?**

**Ans.** Your test will be resumed and you can start from the point where you had stopped.

**Ques. Can I restart my test?**

**Ans.** Yes, resume facility is available.

**Ques. How can I get my rank?**

**Ans.** All India Rank will be generated based on your performance in that particular test. By this a candidate can compare his performance with topper.

**Ques. How many times a candidate can appear for the particular test?**

**Ans.** A student can appear in any particular test only once.

**Ques. Is there any fee refund process?**

**Ans.** No, the fee is non refundable.

**Ques. Do I need special Software to access tests?**

**Ans.** No, you do not require any other software. You require system (Desktop, Laptop, Mobile) with proper internet connectivity.

**Ques. How candidate's All India Rank is generated?**



**Ans.** Candidate's Rank will be generated on a regular basis. It will be generated test-wise and the same will be updated automatically after submission of every test paper. Example :During the first month if 1000 students have appeared in paper-1, then candidate's rank will be generated among 1000 students. During the second month if 5000 candidates have appeared in paper-1, then candidate's rank will be generated among 5000 students.

**Ques. Is it possible to refer the questions/solutions of test paper-1 which I had appeared 2 months back?**

**Ans.** Questions along with the solutions will be available up to the last day. Whenever you want to refer, you can log in and refer the questions/solutions of the test which you had appeared.

**Ques. Can I pay the fee through NET banking?**

**Ans.** Yes, we offer NET banking facility by which you directly transfer the amount in our Account.

Bank Name: ICICI Bank  
Name of the Account holder: GPAT Discussion Center  
Account Type: Current  
Account Number: 242605500015  
IFSC Code: ICIC0002426

**Ques. The test is taking too much time to upload and also my system is not working properly?**

**Ans.** We have deployed the best tested server to provide high speed and connectivity, kindly check your system and internet for speed/connectivity related issues.

**Ques. I forgot my password?**

**Ans.** Enter into login page and click on forgot password; automatically password will be mailed to your registered E-mail ID.

**Ques. Can I cancel or change my purchased Products or Services such as Online Test Series and in the case of cancellation will you refund my payment?**

**Ans:** We do not provide any option for cancellation or change in your purchased Products or Services. Once a Product or Service has been purchased by you, we can not provide any refund. We suggest that you should first go through the Free Trial Tests and free to use the contents, Products or Services before making payment.

**Wishing You All The Best For The Tests**

**TEAM GDC**