

Syllabus Completion

(1)

⇒ DLD

- ⇒ Rbr videos
- ⇒ Some missing topics like full subtractor can be covered from geeksfor geeks. (whenever missing topics questⁿ encountered).

⇒ CN

- ⇒ Rbr video
- ↳ topics that was taught wrong by Rbr
- ↳ TCP congestion control (Plz clear this topic from gate applied)
- ⇒ Missing topics from GfG like (RIP and OSPF NAT)
- ⇒ Do PYQs Properly.

⇒ TOC

- ⇒ Rbr video
- ⇒ Pumping lemma (GfG)
- ⇒ Undecidability, closure property of every language noted down from GfG ✓
- ⇒ Arden theorem (GfG)
- ⇒ Maintain pages of undecidability as whenever if u come across any questⁿ of it just noted down to those pages. (useful at end)
- ⇒ for countable and uncountable set too.

⇒ Compiler Design

- ⇒ Rbr video
- ⇒ Do PYQs properly (As some new topics will be covered only at that time so write them down to Notes)

DBMS:

(2)

- ⇒ Rbr video
- ⇒ Conversion of ER diagram to relational Model (from gate applied)
- ⇒ Do PYQ properly
- ⇒ SQL is outdated in Rbr video but still do it from there and later verify from w3school or from more platform.
- ⇒ Some new topic will be encountered while doing PYQ note them to copy and do SQL from PYQs again n again if u find any difficulty and predict the future SQL questⁿ.

OS:

- ⇒ Rbr video
- ⇒ Rbr EMAT formula is wrong ☹
- ⇒ Do fork questⁿ and numerical from Gate Smasher youtube channel
- ⇒ Do disk questⁿ from PYQs properly
- ⇒ u may find difficulty in process synchronization part so practice nd practice and make it in such a way if easy questⁿ comes then don't leave it and to improve this section please refer gate applied.

DS: Rbr video

- ⇒ Make Notes of C programming as per the source where u read in your semester exam.

Algorithm :-

- ⇒ Rbr video
- ⇒ DO PYQs Carefully

Mathematics

- ⇒ Set, Relation, funcⁿ
- ⇒ Poset, lattice, Hame
- ⇒ Group theory
- ⇒ Graph theory
- ⇒ Probability (specially random variable)
- ⇒ Linear algebra
- ⇒ Calculus

Rbr video

- ⇒ Propositional logic
- ⇒ first order logic
- ⇒ Combination

Gate Applied

- ⇒ Do PYQs properly specially Discrete Mathematics
- ⇒ have Made-easy Mathematics All-branches PYQs book (do it - 2-3 times)
- ⇒ do practice math daily (1 hr until ^{attempting} mock)

- + Cache Memory - (Rbr videos)
- Pipelining (gatebook by Kiran sir on utube)
- Rest of syllabus (either from gate applied or from vishwdeep gothi sir on utube)
- solve PYQs carefully
- do some dma numericals from Rbr videos

PYQ

- ⇒ have offline or online copy of GO pdf of PYQs of 2017 or before that.
- ⇒ Don't even touch PYQs of 2017 and after that as last 4-5 year PYQs paper is to be done at last as real paper - 3-hrs at the end of preparation
- ⇒ while attempting PYQ's
 - ⇒ in one go attempt all, Mark those questⁿ which you don't solve be able to solve.
 - ⇒ in 2nd go, attempt those marked questⁿ
 - ⇒ write it down all new concept which you come across while solving PYQs in notes and google them for more detailing
- ⇒ Make smart use of gate overflow.

Test-series

(5)

⇒ Textbook :

- ⇒ complete this test-series as early as possible before Diwali after that leave it as it is
- ⇒ this will give or memorised all pyqs to your memory and give slightly idea how pyqs are modified.
- ⇒ Note each and every New concept in new copy.

⇒ Gate Applied :

- ⇒ Most important test-series, it will make you that how to handle new concept in exam
- ⇒ Make wise use of each and every test
- ⇒ Note down every ^{new} concept in this.

⇒ Made-Easy :

- ⇒ Another important test-series, only to see where u are standing in the crowd.
- ⇒ Just improve your rank in this
- ⇒ little bit Mathematics oriented
- ⇒ if you are not scoring in this test-series then go back and attempt pyqs again of relevant topics

Attempting test-series.

(6)

- ⇒ Just complete topic wise test ~~before~~ ~~or~~ after completing PYQ's of relevant topic.
- ⇒ After that give 2017-2021 PYQ papers as full length test.
- ⇒ After that start giving full-length Mock per day in dec-or jan and if you have not done or scored great marks in PYQs and topic wise test then atleast give 45+ full length test and do analysis properly as in last 2 month } have time table like this have
 - 8 hrs sleep
 - 1 - full-length Mock test in ^{your} actual examination slot
 - 2-hr break
 - 2-hr analysis
 - 3-hr gap filling (As filling gaps where u are committing mistakes in test series)
 - 3-hr - revision
 - 2-hr - family time
 - 3-hr entertainment
 - Repeat till 10 days before exam and until 50+ mocks

⇒ Just maintain a copy of silly mistake, write it down each and every silly mistake in that from ^{start} beginning and read it just before going to bed.

⇒ Remember one thing along with ^{the} no of tests, or the analysis is more important AS

+ purchase an A4 sheet bundle of 500 pages
- just maintain a record of each topic wise test as how many marks you scored, date, time, silly mistake, Conceptual Mistake, Accuracy and write down the things that you have learned on A4 sheet paper

- write down the questⁿ that or new concept that you did wrong and left unattempted
- write down your silly mistake on silly mistake copy and remember one thing read that copy before sleep till the date of examination

⇒ if you are not getting marks in test-series that's very good as you are there to learn things or to fill gaps in your studies as if you are getting full marks or max. marks that's mean you have wasted your 3-hrs.

⇒ Remember, one thing Never ever give fee mock of other coaching institute,

⇒ if you have time Then go and purchase Are academy test-series and give full length mock test only

⇒ while giving full-length Mock, just write it down progress of every mock as marks, mistake, Accuracy, Aptitude technical total, +ve marks, -ve marks attempt, attempt, attempt, and obtained a graph and after attempting 6+ full length mock test.

⇒ and just observe the pattern as

→ How many marks are u getting in Apti
→ " " " technical
→ " " " "

⇒ " " silly mistake you are doing
→ " " -ve marking?

↙ ⇒ How many MSQ are you attempting?

try to see improvement in every field. if you are not able to see any improvement in your scores then

⇒ Just sit back with those A4 sheet test paper and try to observe the pattern in your mistakes

⇒ as doing mistake in o/p quest then do your basic good and just hand on practice on PYQs again.

⇒ as doing more -ve then attempt only those for which you are pretty sure

⇒ as doing silly mistake then be conscious while giving exam and just learn each and every silly mistake from that copy

Preparation journey

(9)

⇒ if possible prepare your subject along with semester's subject in same order.

⇒ Read all standard book before your semester exam atleast one time thoroughly

⇒ for MSQ, (Plz prepare specially for them)
for MSQ the game changer

→ Plz make wise use of gate applied test track

→ Read standard books plz

atleast for	CN	fourzan	must for MSQ the game changer
	for DBMS	Navathe	
	for OS	galvin	
	for DM	Rosen	
			plz

⇒ Do Pyqs after finishing topic

⇒ Enjoy the process.

⇒ try to solve other's doubt at telegram, what's app and other platform.

⇒ and make wise use of gateoverflow in solving

MIT assignment
Nptel assignment
] specially DS and algo subject
MIT assignment is also helpful for good quality MSQ.

Last Note's

(10)

(12)

- ⇒ Do Revision everyday, from the very 1st day of preparation to the last day of examination of atleast one hour before going to bed.
- ⇒ Give full-length test properly and analyze them
- ⇒ Do revision in sound-robin manner.
- ⇒ Just sit on weekends and revise each mistake that you committed in test
- ⇒ and if you will make your concept well prepared then last 2-3 month will be just cake-walk for u.
- ⇒ Revise - Revise - Revise everyday atleast one hr.
- ⇒ And after that Practice - Practice - Practice
- ⇒ Personally experienced, i am weak in certain topics so instead of leaving that topic i have done ^{a lot of} "practice quest" on that topic and later in examination i ^{have} even not done the calculations instead just ticked the correct answer.
- ⇒ Practice will ^{going to} ~~make~~ ^{be} a difference between iitian and Nitian so be smart and plan your journey as per your will.

Extra things to be done

(11)

⇒ just make a personal diary from very beginning and write it down that

for ex. Mine was

- 5:50 wake up
- 6-8 Pyqs 0.5
- 8-10 Ace books
- 10-12 exercise and other stuffs
- 12-2 LUNCH
- 2-6 test series and analysis
- 6-8 sport
- 8-10 family time / Dinner
- 10-11:30 Last 1 hr revision
- 11:30 to 5:50 sleep

~~just write down~~ and last i am best and i will do it and i will get AIR — in gate 2022 and i will improve in these — fields from tomorrow.

write down something like this in your diary daily whether u just waste your whole day or not daily along with date before going to bed and improve

⇒ this was mine don't leak it 😊 plz request plz.

⇒ Spend time with family and make good friends, remember they will be your motivation and X-factor in your preparation. if u feel demotivated then don't open youtube video

Just sit back look into your past, and spend time with family friends. No-one in the world will do it for u. as if they do so ~~then~~^{they} will be doing it for some person reason ^{benefits} SO Just be with your family only u and ur family is there and neglect everyone

→ Personally for me, My friend was X-factor for me they keep on pushing me and specially my roommates. they are expecting me to in under 100 but little bit fumbling but they are and they have played a vital role, keep guiding me till the last date of examination and still surprised that they are not preparing but still there fundae works in my preparation and don't blindly follow anyone even saula, gate applied or any teacher and even my preparation journey write or make it your own i will share it and i will do lamination of that and keep it.

→ and chill, relax study less but effectively and keep helping ur friends while there placements -

⇒ and ^{start} preparing for your D-day atleast 2-3 month before for ex:

- as just give pre-gate of coaching as centres and if not possible then give full length test on cyber cafe at most disturbing place
- give use of pad while giving full length mock
- smart use of drinking water and many more plan accordingly

→ as keep a window that if that will be your worst day then also you will

get this rank for ex. my window ⁽¹³⁾ was
(1-300) AIR and on that day, my exam was
not gone ^{well} according to me then my rank
was 164 so plan for your worst too so
that at last everything will be well.

⇒ and last, remember if you want to discuss
something then message me on whatsapp
'Need to talk' then i will call you whenever
i will be free

⇒ My login make best use of them
Gate applied

login - Pandey249@yahoo.com

password - [REDACTED]

only one login at a time so synchronize urself
with others

⇒ Best of Luck and make your own
preparation story and enjoy the process.

Ashish Pandey
- AIR 164
- Gate CS 2021

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