UGC NET Computer Science Notes and Study Material: Download Free PDF

Candidates aspiring for lectureships in colleges across the country and also to become Junior Research Fellow (JRF) should mandatorily take up the UGC NET which is a National level eligibility examination conducted by the National Testing Agency (NTA). Candidates aiming to clear the UGC NET must never fail to give their 100% preparation for the examination. UGC NET Paper 2 is chosen by the candidates out of their choice of preferred area of interest. In this article, we help candidates who chose Computer Science as their Paper 2 subject. Candidates might find it difficult and time-consuming to find proper and relevant notes for UGC NET Computer Science. Here, candidates can get the best UGC NET Computer Science Notes and utilize them for the UGC NET Examination. The subject of their choice can be a scoring area for many candidates, therefore candidates can make use of this opportunity effectively to excel in their UGC NET examination. In this article,

- Candidates can get and access effective UGC NET Computer Science Notes to enhance and boost their preparation strategy.
- Candidates can get syllabus-related topic-wise important notes and can also download them for free to use them for further preparation.

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Appropriate UGC NET Computer Science online study material can help candidates prepare for the UGC NET Examination efficiently without much hassle. So, download UGC NET Computer Science study material pdf free download below.

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13.	Measures for Information and Mutual Information	Access through Testbook Super Coaching
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18.	Predicate Logic	Access through Testbook Super Coaching

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21.	Representation of Integers	Access through Testbook Super Coaching
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30.	Data Structures	Access through Testbook Super Coaching
31.	File Structures	Access through Testbook Super Coaching

32.	Network Fundamentals	Access through Testbook Super Coaching
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42.	Top Down Parsers	Access through Testbook Super Coaching
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UGC NET Computer Science Syllabus

Candidates must be aware of the UGC NET syllabus for Computer Science to choose the UGC NET computer science study material in relevance to the syllabus prescribed for the candidates. Candidates can check out the UGC NET CSE Syllabus below:

Subject: UGC NET Computer Science	
Unit	Syllabus
Unit - I	Discrete Structures
Unit - II	Computer Arithmetic
Unit - III	Programming in C and C++
Unit - IV	Relational Database Design and SQL
Unit - V	Data and File Structures
Unit - VI	Computer Networks
Unit - VII	System Software and Compilers
Unit - VIII	Operating Systems (With case study of Unix)
Unit - IX	Software Engineering
Unit - X	Current Trends and Technologies

Important Topics of UGC NET Computer Science Notes

1. **Discrete Structures**- Pigeonhole Principle, Inclusion-Exclusion Principle, Computability, Graphs, and Groups.
2. **Computer Arithmetics**- Propositional Logic, Logic Families, and Representation of Integers.
3. **Programming in C and C++** - Programming in C, O-O Programming, and C++ Programming.
4. **Relational Database Design and SQL**- E-R Diagrams and their transformation to relational design, and SQL.

5. **Data and File Structures**- Data, Information, Definition of Data Structure, and File Structures.
6. **Computer Networks**- Network fundamentals, Reference models, data communication, Internetworking, Routing, and Network Security.
7. **System Software and Compilers**- Assembly Language fundamentals, Compilation and Interpretation, Top Down Parsers.
8. **Operating Systems (With case study of Unix)** - Memory management, concurrent processing, scheduling, the Unix system, system calls, filters and commands.
9. **Software Engineering**- System Development Life Cycle (SDLC), Software metrics, software design, coding and testing.
10. **Current Trends and Technologies**- Parallel computing, mobile computing, E-technologies, windows programming, advanced windows programming.

Benefits of UGC NET Computer Science Notes

The UGC NET Computer Science Notes provided above will help the students to understand the concept better, revise the concepts in a more widespread manner, and will help the students in knowing the unknown in an easy manner. There are so many advantages to these UGC NET Computer notes

- These free UGC NET computer science notes are created by expert professionals who have wide subject knowledge and experience.
- The study material for UGC NET Computer Science PDF is free of cost and students can access it at any time they want
- The UGC NET Computer Science Notes will help the candidates in last minute revisions
- Most of the important notes given are taken from the best UGC NET Computer Science Study Material Books which will be an advantage to the students.

Candidates can check out the [UGC NET Eligibility Criteria](#) here!

UGC NET Computer Science Sample MCQs

Getting a preview of the questions asked in the examination is an added advantage to the candidates. To get an idea of the question trends from the previous exam cycles refer to the sample questions mentioned below.

Q1: Other than Binary Digits what else is the name for the 0 and 1 in the binary number system?

1. Bits
2. Bytes
3. Kilobytes
4. Decimal Bytes

Answer: A

Q2: _____ is the Language used by a browser typically to interpret display information from the World Wide Web.

1. Machine code
2. HTML
3. C++
4. Assembly language

Answer: B

Q3: _____ is known as low-level languages.

1. Assembly language
2. Machine language
3. Both of the above
4. None of the above

Answer: C

Q4: Which of the following is used to write the code for a web page?

1. Winzip
2. A fifth-generation language
3. Peripheral devices
4. Hypertext Markup Language

Answer: D

Q5: The limitation of a high-level language is___

1. Lower efficiency
2. Machine level coding
3. Machine dependence
4. None of the above

Answer: A

UGC NET Computer Science Study Material & Notes

Aspirants aiming to clear the UGC NET Computer Science Exam must have all the proper study materials for their learning and preparation purpose. Candidates can ask for expert advice before planning out their preparation strategy for the UGC NET exam. Students must set their strategy as a beginning step before buying the study materials as it is the only best way to practice for the exam. Testbook provides you with all the UGC NET Computer Science study material pdf free download, which will be of great use to the candidates.

Candidates can make use of study materials like

- UGC NET Previous Years Papers- Computer Science
- UGC NET Test series- Computer Science
- UGC NET Notes- Computer Science
- UGC NET Computer Science Books
- UGC NET Computer Science Preparation tips and strategies

Candidates can make use of all these UGC NET Computer Science Study material to achieve in their upcoming UGC NET examination.

UGC NET Computer Science Study Material: Online Coaching

Testbook is a great online source for all competitive exams. We provide you with all the necessary study materials with which students can crack the exam in one attempt. The UGC NET Computer Science notes will help the candidates in revising for the exam and will help them in clearing their doubts. In the same way, students can go for Online UGC NET Online coaching which will help the candidates in a more useful way to crack the exam. Testbook offers you clear-cut coaching of the whole portions of UGC NET Computer Science paper 2. There are unit-wise videos that the students can download and study at their own convenience. The highlights of Testbook online coaching are:

- The trainers are super talented and experienced in subject matters.
- The UGC NET Online coaching has weekly classes.
- Students will also get doubt-solving sessions which they might find useful.

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Testbook live series is the multiple study materials offered by Testbook for the candidates to score more marks on the UGC NET Exams. Candidates applying for the UGC NET Computer Science Exam will definitely require an enormous amount of coaching and study materials to crack the exam in a single attempt. Testbook offers the candidates with super coaching which is online coaching in which students will get video notes for all the units in the UGC NET Computer Science Syllabus. The Testbook super coaching will also include doubt-clearing sessions which is yet another advantage for the candidates. Moreover, Testbook has also got all the required UGC NET Computer Science Study Materials such as Previous year question papers, Mock tests, and Test series, UGC NET Computer Science Notes, list of books required for UGC NET Computer Science Exam and much more. With all these vibrant Study materials candidates can score more and get good results.

UGC NET Computer Science Study Material: Previous Years Papers

Passing with a good score in the UGC NET Computer Science exam will give the candidates a wide range of opportunities hence, candidates appearing for the UGC NET Computer Science Exam must have the practice of solving previous years papers which will give them an exposure to the questions asked in the exam, their types and patterns. Candidates can get an overall idea to score more marks in the exam by attempting these previous years' papers. Moreover, candidates are advised to take up at least 4 mock tests in a week while they practice for the UGC NET Computer Science Exam. Students who have completed studying the UGC NET Computer Science Notes can go for regular practice question papers. Solving these will help the candidates in time management, and improvement of accuracy and this gives the students a pre-attempt at the exam which will be very much useful for them. Candidates can make use of the UGC NET Computer Science Previous Year's Papers available on the Testbook website to make their preparation at a higher level.

UGC NET Computer Science Study Material: Test Series

The UGC NET Computer Science is a bit tougher compared to other subjects since it involves technicalities. Candidates practicing for UGC NET CS Exam must have a rigid study pattern which will help them to score more marks in the examination. Practising Previous Years' Papers and more mock tests will help the candidates revise the portions from the start and will give them a deeper understanding of concepts in a clear way. The Testbook offers the candidates UGC NET Computer Science Test Series which has more than 234 test papers that will help the candidates in a greater span to score high. Candidates can avail of these UGC NET Computer Science UGC NET Test Series from the Testbook website directly.

Best Books for UGC NET Computer Science

Candidates preparing for the UGC NET Computer Science exam have to rely on the best sources of books in order to clear the exam in a single attempt. Students can always go for expert or professional advice when they choose the UGC NET CS Study Material. Students must always look out for books that are preferred by a wider group of candidates. Candidates must always check for the author, his other books, their popularity, and the language used by the author and most importantly candidates must check the latest syllabus before buying the books. Though books are the greatest source of study materials, candidates must also refer to the subject in notes of UGC NET Computer Science Notes, the previous years' papers, and several mock tests which all together will improve their total score at a higher rate. Here is a list of recommended books by experts which will help the candidates to choose the right fit for their preparation.

1. Introduction to Automata Theory, Languages and Computation by Pearson publication
2. Graph theory with application to Engineering and Computer Science by Narsingh Deo
3. Computer Arithmetic, Digital Knowledge and Computer Design by Morris Mano
4. Object Oriented Programming with C++ by Balaguruswamy
5. Computer Networks by Andrew S Tenenbeum

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We hope that information about the UGC NET Computer Science Notes was delivered to the candidates. Candidates can take up the UGC NET Coaching to bring out their best in the UGC NET examination. For more content and information on the same exam and other competitive exams, candidates can always refer by downloading and making use of our Testbook App for all types of competitive exam updates, live quizzes, test series, and mock tests.