COMPUTER SCIENCE CLASS 12 CBSE WITH SOLUTION

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How to prepare for computer class 12?

How many chapters are there in computer science class 12 CBSE? How many chapters are there in the CBSE 12th CS subject? There are basically 5 chapters for CBSE 12th Computer Science.

What is the marking scheme for CBSE Class 12 Computer Science exam? The CBSE Class 12 Board 2024 computer science exam would be worth 100 marks, with 70 marks awarded to theoretical and 30 marks allotted to practicals. The theoretical exam consists of three units, while the practical exam consists of a lab test, report file, project, and viva.

What is class in computer science class 12? In object-oriented programming, a class is a template definition of the methods and variables in a particular kind of object. Thus, an object is a specific instance of a class; it contains real values instead of variables. The class is one of the defining ideas of object-oriented programming.

Which YouTube channel is best for computer science Class 12?

How to pass computer studies exam?

Is Computer Science hard? Learning the discipline of Computer Science is a hard and difficult endeavor for most students. However, if you are willing to invest the time and learn serious time management skills, most students can successfully learn the discipline and pursue successful careers in Computer Science fields.

What is the weightage of Computer Science class 12? The total marks for Computer Science are 100 divided into 70 for theory and 30 for practical. Theory paper will contain 20% MCQs, 40% competency-based questions, and 40% subjective-type questions.

What are the topics deleted in Class 12 CS? As part of the CBSE Class 12 Computer Science Deleted Syllabus 2024–25, students will notice that the CBSE Board has reduced almost 30% of the syllabus. Topics such as payment apps, database management, web programming, and so forth have been removed. The chapter and removed topics are displayed in the following table.

How many marks is a computer science paper? Assessment information The paper consists of five questions (one question per topic). The paper is out of 75 marks.

What does computer science study? Computer science is the study of computers and computational systems. It is a broad field which includes everything from the algorithms that make up software to how software interacts with hardware to how well software is developed and designed.

What is the passing marks in computer science class 12 maharashtra board? Maharashtra HSC Passing Criteria 2024 Check out the passing criteria followed by the Maharashtra HSC Board here: Students are required to score 35% marks in every subject to be considered to pass the board exams. Students must score 35% marks separately in theory and practical exams to be considered "Pass".

How many chapters are in computer science class 12 NCERT? Download NCERT Books Class 12 Computer Science Chapter-wise Computer Science NCERT Books for Class 12 consists of a total of 13 chapters including SQL, Query, Database Concepts, etc. The below-mentioned links for Computer Science Class 12 NCERT Chapters are available to download in the English language.

Is computer science a good class? Deciding on the right degree is pivotal, and computer science stands out as an excellent choice. With computing being one of the highest paying degrees,, it should come as no surprise that a computer science degree is a great option for those looking to pursue higher education.

What is C class in computer? C is a general-purpose programming language created by Dennis Ritchie at the Bell Laboratories in 1972. It is a very popular language, despite being old. The main reason for its popularity is because it is a fundamental language in the field of computer science.

Can I self study computer science? If you're a self-taught engineer or bootcamp grad, you owe it to yourself to learn computer science. Thankfully, you can give yourself a world-class CS education without investing years and a small fortune in a degree program ?. There are plenty of resources out there, but some are better than others.

How many students pass computer science? The overall passage rates for the AP CS A and AP CS P exams were 73%. Over 80% of Asian and White students passed the AP exam with a score of 3 or above, compared to roughly 50% of Black and Latinx students.

How do I prepare for a computer science class?

Can I do CS if I'm bad at math? If you do not like math, then computer science may not be the best major for you. If you find math challenging, however, you can still major in computer science. If you've struggled with math to some extent, it's worth speaking with a college advisor about the requirements you'll face as a computer science major.

What is the hardest subject in computer science?

What's the hardest part of computer science?

How math heavy is computer science? In a broad sense, all computer science IS math, done very quickly by a machine. If you have mathematical anxiety, it might be a good idea to attend extension school, or one of the online courses, to review some of the concepts that offended you when you were younger.

What is the total marks in computer science paper 1?

Which chapter has the most weightage in physics class 12? Which chapters in physics class 12 has the most marks for board exam? Its the optics both ray and

wave optics that carry the maximum marks in class. All others chapters like electrostatics,magnetic effects of current,emi and ac carry 7 to 8 marks. You have to concentrate on these chapters also.

What is the best way to study computer?

How do I start preparing for computer science?

Which computer course is best for class 12?

How do I prepare for a computer test? Preparing for a Basic Computer Skills Test Review the topics covered in the test, such as operating systems, software applications, file management, and troubleshooting. Practice sample questions and take mock tests to familiarize yourself with the test format and identify areas where you need improvement.

Can I self study computer science? If you're a self-taught engineer or bootcamp grad, you owe it to yourself to learn computer science. Thankfully, you can give yourself a world-class CS education without investing years and a small fortune in a degree program ?. There are plenty of resources out there, but some are better than others.

What is the fastest way to learn computer?

How to learn coding at home?

How many hours do I need to study for computer science? That's 19 – 32 hours per week, every week for the entire semester (and even more hours in some weeks) for each CS programming course. Once students master programming and move beyond the initial 4-5 programming courses, the time requirements of each course goes down a little bit.

How to start computer science at home?

Why is computer science difficult? But computer science has gotten a reputation for being a difficult bachelor's degree to earn because it involves learning how to program and combines a wide variety of theoretical and practical subjects.

Which channel is best for class 12 computer science? The YouTube Channel run by Aman Dhattarwal is one of the most popular ones for CBSE Class-12 exam preparation. It has videos on various computer science concepts, preparation strategies, useful playlists, tips for scoring high, etc. Students can also follow his Apni Kaksha YouTube channel.

Which course after 12 has a highest salary?

Which 3 month computer course is best? The Introduction to Computer Science, Advanced Computer Science, Web Development, Data Science, and Cyber Security courses are all suitable for those looking to gain knowledge and skills in the field of computers in a three-month timeframe.

How to study for computer science quiz?

Are there tests in computer science? AP Computer Science A has one end-of-course exam with multiple-choice and free-response questions. AP Computer Science Principles includes the Create performance task, which is completed during the course, and an end-of-course multiple-choice exam.

How do I pass a computer based test?

What is objectivity and subjectivity in research? Objectivity refers to the quality of being independent of personal biases, opinions, or emotions. Subjectivity refers to the quality of being influenced by personal perspectives, feelings, or preferences. In research, objectivity and subjectivity are not mutually exclusive, but rather interrelated and dynamic.

What is subjective and objective in social research? Key Differences Between Objective and Subjective Objective means making an unbiased, balanced observation based on facts which can be verified. Subjective means making assumptions, making interpretations based on personal opinions without any verifiable facts.

What is the difference between objectivity and subjectivity objectivity is? Objective means verifiable information based on facts and evidence. Subjective means information or perspectives based on feelings, opinions, or emotions.

What is objectivity and subjectivity in sociological inquiry? Objectivity and Subjectivity in Sociology: Challenges of Objectivity in Sociology. Objective vs. Subjective: In everyday language, 'objective' means unbiased and fact-based, while 'subjective' refers to individual values and preferences.

What is an example of subjectivity objectivity?

What is an example of subjectivity in research? Subjective Methods: These involve gathering data that reflects personal opinions, feelings, and experiences. Examples include:Interviews: Conducting open-ended interviews allows participants to share their perspectives and experiences in their own words.

What is an example of objectivity in research? What is an example of objectivity in research? An example of objectivity in research is adjusting a hypothesis proven to be incorrect. The adjustment is based on the collected data.

What is the problem of subjectivity in social research? The problem of subjectivity in social theory arises when one wants to give a central place to actors' understandings and motives in the concrete situations in which they act while seeking to describe and explain social phenomena in terms of fixed categories specified in a theoretical frame- work.

What is the role of objectivity in social research? Objectivity in social research is the principle drawn from positivism that, as far as is possible, researchers should remain distanced from what they study so findings depend on the nature of what was studied rather than on the personality, beliefs, and values of the researcher (an approach not accepted by researchers.

What is subjective and objective with an example? Subjective relates to personal viewpoints, experiences, or perspectives, whereas objective refers to factual data that is not influenced by personal beliefs or biases. Subjective statement: The cake is delicious. Objective statement: The cake contains 250 calories per serving.

Can there be objectivity without subjectivity? In other words, the object would be there, as it is, even if no subject perceived it. Hence, objectivity is typically associated with ideas such as reality, truth and reliability.

What is the difference between objectivity and subjectivity quizlet? OBJECTIVE-It's not an opinion. Everyone agrees that they are. Her voice was stern, though not unkind. SUBJECTIVE- It describes but others may disagree.

What is the importance of subjectivity and objectivity in research? In the traditional research paradigm that emerged from the natural sciences, objectivity is seen as an essential element in doing academic research and forwarding the general understanding of a field and as such, subjectivity is something which must be limited to the greatest degree possible in order to be able to ...

What is the relationship between subjectivity and objectivity in research? Objectivity is the perception or experience of the external; subjectivity is the perception or experience of the internal. Subjectivity and objectivity are both necessary pathways to knowledge and are dependent on each other.

What is subjective and objective information in social research? Objective information is verifiable and independent of individual perspectives, while subjective information is dependent on individual perspectives or interpretations.

What is an example of subjectivity in sociology? Since a subject is a person, subjectivity refers to how a person's own uniqueness influences their perceptions. For example, if you have six sisters, that might influence how you view women or families — it's part of your subjectivity. Subjectivity is a form of bias and also individuality.

What are examples of subjectivity? If a claim is true exclusively when considering the claim from the viewpoint of a sentient being, it is subjectively true. For example, one person may consider the weather to be pleasantly warm, and another person may consider the same weather to be too hot; both views are subjective.

What are examples of being objectivity? Objective's synonyms can be words like impartial or unbiased. For example, a referee in a sports game or a judge in a court would make objective decisions based on the facts before them, not allowing personal feelings to influence those decisions.

What does subjectivity mean in social research? Subjectivity is the claim that perception emerges from a subject's point of view. Subjectivity is usually opposed to

objectivity, where knowledge is seen to be independent of the subject who is producing it.

What is the difference between subjectivity and objectivity? ??Quick summary. Subjective most commonly means based on the personal perspective or preferences of a person—the subject who's observing something. In contrast, objective most commonly means not influenced by or based on a personal viewpoint—based on the analysis of an object of observation only.

What is objectivity in research? Objectivity is the extent, to which the results are free from Researcher Bias (Guba, 1981 ; Frambach et al., 2013). Objectivity is also a prerequisite to statistical conclusion validity, since a biased research design may confound the observed correlation between the independent and dependent variable.

What is a good example of research objective? Example: Research aim To examine contributory factors to muscle retention in a group of elderly people. Example: Research objectives To assess the relationship between sedentary habits and muscle atrophy among the participants.

Why is objectivity important in social research? To be objective, a researcher must not allow their values, their bias or their views to impact on their research, analysis or findings. For research to be reliable and to be considered scientific, objectivity is paramount.

What is a real life example of objectivity principle? Examples of Objectivity in Accounting Falsifying financial statements by entering bogus orders and subsequently inflating accounts receivable violates the Objectivity Principle and is punishable by imprisonment. The accounts that you enter into your books must be impartial and verifiable for them to be accepted.

What is subjectivity in research example? "Subjectivity refers to an individual's feelings, opinions, or preferences" that comprise a person's identity (Siegesmund, 2008, p. 2). Acknowledging subjectivity is becoming aware of biases, beliefs, emotions, and opinions that influence an individual's interactions with the world.

How do you manage subjectivity in research?

Is research objective or subjective? By nature, qualitative research is highly subjective, with conclusions relying primarily on researchers and their interpretation and analysis of the data. Staying objective in research, in general, is crucial to ensure that the data collected is reliable and valid.

What is subjective and objective with an example? Subjective relates to personal viewpoints, experiences, or perspectives, whereas objective refers to factual data that is not influenced by personal beliefs or biases. Subjective statement: The cake is delicious. Objective statement: The cake contains 250 calories per serving.

What is objectivism and subjectivism in research? Objectivism: Holds that reality exists independently of consciousness. Things are what they are, regardless of what anyone believes or feels about them. Subjectivism: Believes that reality is shaped or determined by our perceptions, beliefs, or feelings.

What is an example of subjective and objective data? A patient complains of a runny nose and cough (subjective) as the healthcare worker observes the patient coughing (objective). A patient complains of feeling stressed and anxious (subjective) while the nurse is measuring the patient's elevated pulse rate (objective).

What is the difference between subjective and objective findings? 1. Subjective data are symptoms felt by the patient while objective data is not felt by the patient. 2. Objective data are observable and may appear to contradict what the patient says, but it does not mean the subjective data is wrong.

What is one of the primary differences between subjectivity and objectivity? Subjective and objective are two forms of perception, and the main difference between them is that a subjective point of view focuses on a personal interpretation of the subject, while an objective viewpoint is based on factual data.

How to remember the difference between objective and subjective? There are several tips for remembering the difference between subjective and objective. One way to remember the difference is to concentrate on the o in objective and observation. Another way to remember is by connecting the s in subjective and the word standpoint (meaning viewpoint or opinion).

What is an example of objective and subjective observation? Stephanie loved to hug her dolls. Writing what a child loves instead of what you see and hear makes this a subjective statement. Doni stayed in the block corner building with little blocks. Writing exactly what you see and hear makes this an objective statement.

What is the role of subjectivity and objectivity in research? Objectivity is the perception or experience of the external; subjectivity is the perception or experience of the internal. Subjectivity and objectivity are both necessary pathways to knowledge and are dependent on each other.

What is subjectivism in social research? Objectivism means that social entities exist externally to the social actors who are concerned with their existence. Subjectivism means that social phenomena are created from the perceptions and actions of the social actors who are concerned with their existence (Saunders, et al., 2009).

What is objectivity in research? Objectivity in scientific research means proceeding without being influenced by any bias or personal opinions. Bias is an unfair preference for someone or something. Scientists strive to reduce bias and subjectivity in their work, which is an outlook guided by their personal judgments and beliefs.

What is an example of objective data in research? An example of objective data is a patient's blood pressure, pulse, and body temperature. Meanwhile, subjective data would be the patient's answer to "How are you feeling?"

Is qualitative research subjective or objective? By nature, qualitative research is highly subjective, with conclusions relying primarily on researchers and their interpretation and analysis of the data. Staying objective in research, in general, is crucial to ensure that the data collected is reliable and valid.

What are subjective and objective measurements in research? Currently, two types of measures are used: subjective and objective. While subjective measures focus on assessing the conscious recognition of one's own emotions, objective measures allow researchers to quantify and assess the conscious and unconscious emotional processes.

What is the difference between subjectivity and objectivity in sociology? Objective information is based on facts and evidence, while subjective information is based on personal opinions, feelings, or experiences. Objective information is verifiable and independent of individual perspectives, while subjective information is dependent on individual perspectives or interpretations.

What is an example of subjectivity? If a claim is true exclusively when considering the claim from the viewpoint of a sentient being, it is subjectively true. For example, one person may consider the weather to be pleasantly warm, and another person may consider the same weather to be too hot; both views are subjective.

What are the three 3 differences between subjective and objective test? Objective items include multiple-choice, true-false, matching and completion, while subjective items include short-answer essay, extended-response essay, problem solving and performance test items. For some instructional purposes one or the other item types may prove more efficient and appropriate.

What is a service repair manual? A service manual is a resource provided by a manufacturer explaining how to use, maintain, troubleshoot, and repair a product. Traditionally, they were hardcopy reference books, but manufacturers today often make them available online.

What engine is in Daihatsu Terios?

Should I buy a repair manual? Consult repair manuals and databases to save time and money and avoid getting injured during DIY repair jobs. The recommended repair resources for DIYers are ALLDATA DIY, Mitchell 1 DIY, Chilton DIY, and Chilton/Haynes printed manuals.

How do I get a repair manual? To purchase a repair or service manual, we suggest calling or visiting the parts counter at your local dealer. Feel free to use our Dealer Search tool to find contact information for dealers in your area.

What is the most common problem with the Daihatsu Terios? The exhaust on a Terios can be very prone to excessive wear, especially if you're using the car only for short trips. Have a check of the exhaust pipe to look for damage. If you can see rust, cracks, or breakages, then you'll need to browse our online store for a replacement.

Is the Daihatsu Terios a good car? An underrated vehicle for it's compact size and capabilities. It is very good on fuel (petrol) Automatic gearbox very smooth and as nippy as you want it to be. Having spoken to a number of Terios owners they also highly recommend them.

Is Daihatsu a Toyota engine? As a member of the Toyota Group, Daihatsu provides a rich line-up of cars and engines to Toyota Motor Corporation and Subaru Corporation.

What is the difference between a service manual and a user manual? Service manual — helps technicians and other trained people service, maintain, and repair equipment. It usually contains information on the problems and breakages that may occur and guidelines on how to fix them. User manual — assists people to use a particular system or device.

What is an AMM in aviation? Aircraft Maintenance Manual (AMM)

What is the difference between an aircraft maintenance manual and a service manual? Maintenance manuals are aligned with the term Operations & Maintenance manual, which is for daily operations maintenance and corrective actions. Service manuals are for longer interval maintenance practices when the aircraft is in the hangar undergoing longer maintenance projects.

What is a service operations manual? Service Operations Manual means a document agreed between the parties during the implementation of the Managed Cloud Services and setting out the standard operating procedures to be used in the day to day operation of the Managed Cloud Services.

Sedra/Smith Microelectronic Circuits 5th Edition Solution Manual: Allen Power

Question: Find the equivalent resistance between terminals A and B in the following circuit:

```
   A
  /|\  10?
  | |  10?
  | |  10?
 _|_|_____
  | |
```

```
  \|/
   B
```

Answer: Using the Y-? transformation:

```
Y1 = 1/10 + 1/10 + 1/10 = 3/10
Y2 = 1/10 + 1/10 = 2/10

?1 = 10/2 = 5
?2 = 10/3 = 3.33
?3 = 10/3 = 3.33

Req = (?1 * ?2) / (?1 + ?2 + ?3) = (5 * 3.33) / (5 + 3.33 + 3.33) = 10?
```

Question: Design a voltage divider using two resistors to obtain an output voltage of 5V from a 12V source.

Answer: Using the voltage divider rule:

```
Vo = Vin * R2 / (R1 + R2)
5V = 12V * R2 / (R1 + R2)
```

Solving for R2:

```
R2 = 5V * (R1 + R2) / (12V - 5V)
```

Choosing R1 = 10k?:

```
R2 = 5V * (10k? + R2) / (12V - 5V)
R2 = 7.5k?
```

Question: Determine the cutoff frequency of a high-pass RC filter with R = 10k? and C = 1?F.

Answer: Using the formula for cutoff frequency:

```
fc = 1 / (2?RC)
fc = 1 / (2? * 10k? * 1?F)
fc = 16Hz
```

Question: Calculate the impedance of a 100? resistor connected in parallel with a 200?F capacitor at a frequency of 1kHz.

Answer: Using the formula for impedance:

```
Z = 1 / (1/R + 1/Xc)
```

Capacitive reactance:

```
Xc = 1 / (2?fC) = 1 / (2? * 1kHz * 200?F) = 796?
```

Impedance:

```
Z = 1 / (1/100? + 1/796?)
Z = 99.4?
```

Question: Determine the power dissipated by a 100? resistor carrying a current of 2A.

Answer: Using Ohm's Law and the formula for power:

```
Voltage = Current * Resistance
Power = Voltage * Current
```

Voltage:

```
V = I * R = 2A * 100? = 200V
```

Power:

```
Power = 200V * 2A = 400W
```

objectivity and subjectivity in social research, *daihatsu terios 1995 2005 service repair manual*, *sedra smith 5th edition solution manual allenpower*

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