

38th bcs written exam book list bpsc

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38th BCS Written Exam Book List: A Comprehensive Guide

The Bangladesh Public Service Commission (BPSC) has announced the book list for the 38th Bangladesh Civil Service (BCS) written examination. This article aims to provide a clear understanding of the books prescribed for each subject and answer frequently asked questions.

Para 1: The book list for the 38th BCS written exam consists of two parts: Part A (Compulsory) and Part B (Optional). Part A includes books on Bangla, English, General Knowledge, and Mathematics. Candidates must choose two optional subjects from Part B, which offers a wide range of topics, including History, Economics, Political Science, and Sociology.

Para 2: For Bangla, the prescribed books include "Bangla Byakaran O Rachana" by Muhammad Shahidullah, "Bangla Sahitya Prabeshika" by Muhammad Abdul Hai, and "Bangla Sahityer Itihas" by Muhammad Abdul Aziz. For English, candidates should refer to "Essential English Grammar" by Raymond Murphy, "Objective English" by Hari Mohan Prasad, and "Oxford Guide to English Grammar" by John Eastwood.

Para 3: In General Knowledge, the book list includes "Banglapedia: National Encyclopedia of Bangladesh," "The World Factbook" by the Central Intelligence Agency, and "General Knowledge Digest" by BGS. For Mathematics, candidates should consult "Higher Algebra" by S.L. Loney, "Plane Trigonometry" by S.L. Loney, and "Co-ordinate Geometry" by S.L. Loney.

Para 4: In Part B (Optional), candidates can choose subjects such as History, Economics, Political Science, and Sociology. For History, the prescribed books

include "History of Bangladesh, Volume 1 and 2" by Sirajul Islam, "The Making of the Indian Nation" by Bipan Chandra, and "The Emergence of the Modern World" by Merriman, Gosher, and Burbank.

Para 5: Candidates can visit the BPSC website for the complete book list and sample questions. It is crucial to start preparing using these books as early as possible to ensure thorough coverage of the syllabus. By following the prescribed books and practicing regularly, candidates can enhance their chances of success in the 38th BCS written exam.

How do you solve an ER diagram?

What are the common mistakes in ER diagram?

How to find minimum number of tables required to represent an ER diagram?

The minimum number of tables is 1 in case of unary relationship and total participation of at least one entity. But in the case of partial participation of both entities, the minimum number of tables required is 2.

What are relationship examples in ER diagram? For example, 'Enrolled in' is a relationship type that exists between entity type Student and Course. In ER diagram, the relationship type is represented by a diamond and connecting the entities with lines.

How to draw an ER diagram step by step?

What are the main problems in an ER diagram? LIMITED ATTRIBUTE REPRESENTATION: ER models may not be able to represent all the attributes required for a particular problem domain. This can lead to either the loss of important data or the creation of a complex and unwieldy model.

How do I check if my ER diagram is correct? To review the ER model and ensure it accurately and completely represents the requirements, you can use criteria such as evaluating if it includes all relevant entities, attributes, and relationships of the domain, avoiding redundancy, inconsistency, and ambiguity in the data, and following naming conventions and ...

How do you analyze an ER diagram?

What are the five major components of ER diagram? An ER diagram typically consists of entities (represented as rectangles), attributes (listed within the entity rectangle), and relationships (represented as diamond shapes connecting entities). Additionally, cardinality and participation constraints are depicted using symbols like crow's feet and lines.

How to reduce an ER diagram? We can combine any two tables to minimize the er diagram. We can combine the student and enrollment table with the primary key as student id and other tables, of course. So, we can minimize it into two tables. So, in many to one cardinality, we require at least two tables.

How do you mark cardinality in an ER diagram? In an ER diagram, cardinality is represented as a crow's foot at the connector's ends. The three common cardinal relationships are one-to-one, one-to-many, and many-to-many.

How to convert er model into table?

Can 2 relationships be related in an ER diagram? Answer: Yes, two relationships in an ER diagram can be related through shared entities, linking tables, or generalization hierarchies. In traditional Entity-Relationship (ER) diagrams, relationships between entities are typically represented independently.

How to show foreign key in ER diagram? Denote Foreign Keys: Use parentheses notation to denote foreign keys within the ER diagram. For instance, in the Assignment entity, the vehicle_id and driver_id attributes are enclosed in parentheses to indicate their role as foreign keys referencing the Vehicle and Driver entities, respectively.

How to represent primary key in an ER diagram? It contains a Primary key represented by the underline symbol. It contains a Partial Key which is represented by a dashed underline symbol. The member of a strong entity set is called as dominant entity set.

What is a ER diagram with example? An Entity Relationship Diagram is a diagram that represents relationships among entities in a database. It is commonly known as an ER Diagram. An ER Diagram in DBMS plays a crucial role in designing the database. Today's business world previews all the requirements demanded by the

users in the form of an ER Diagram.

Can an entity have a relationship with itself? It is possible for an entity to have a relationship with itself; for example, an entity Staff could have a relationship with itself, as one member of staff could supervise other staff. This is known as a recursive or involute relationship, and would be represented in an entity-relationship diagram as shown below.

How to show one-to-many relationship in an ER diagram?

What is a common mistake in ER diagram? One of the most common mistakes when drawing ERDs is using inconsistent naming for entities, attributes, and relationships. This can create confusion, ambiguity, and inconsistency in your data model.

How can I improve my ER diagram? Add Attributes to Each Entity Each entity should have at least one attribute – a group of data that belongs to the entity. Sometimes, attributes are listed below the entity name within the same rectangle, but to make the structure clearer, we'll represent attributes by drawing and labeling each one inside its own oval.

What is the main purpose of an ER diagram? ER diagrams are used to model and design relational databases, in terms of logic and business rules (in a logical data model) and in terms of the specific technology to be implemented (in a physical data model.)

How do you find the ER diagram?

How do you solve a diagram in reading? Answering strategy: Look at the diagram and think which parts of it you can label. Check your assumptions by looking back at underlined terms and label the parts you're sure of. If there are some unlabeled parts left, check the diagram for key words. Then, scan the text for the right answer.

How to interpret an ER diagram? By recognizing subtype and supertype entities in an ER diagram, you can identify hierarchical relationships and understand how specialized entities inherit attributes and relationships from their parent entities. These concepts are essential to consider when learning how to read an ER diagram.

How do you convert an ER diagram?

The Geometry of Multivariate Statistics by Thomas D. Wickens

Q: What is the central concept of Wickens' work on the geometry of multivariate statistics?

A: Wickens' key concept is the use of geometric representations to visualize and understand the complex relationships between multiple variables in multivariate data. By transforming data into geometric forms, such as points, vectors, and planes, he demonstrates how these relationships can be visually analyzed and interpreted.

Q: How does Wickens' geometric approach benefit the interpretation of multivariate data?

A: By representing data geometrically, Wickens' approach enables researchers to:

- **Visualize the overall structure of the data:** By plotting data points in a multidimensional space, patterns and outliers become more apparent.
- **Identify relationships between variables:** The angles and distances between data points reveal correlations and dependencies among variables.
- **Determine the dimensionality of the data:** Geometric representations can help identify the number of meaningful dimensions in the data and reduce its complexity.

Q: What are some specific geometric techniques used by Wickens?

A: Wickens employs a range of geometric techniques, including:

- **Principal component analysis (PCA):** Projects data onto a smaller number of dimensions that account for the most variance.
- **Factor analysis:** Identifies underlying latent variables that explain the relationships between observed variables.
- **Canonical correlation analysis:** Examines the relationships between two sets of variables.

- **Cluster analysis:** Groups similar data points together based on their geometric proximity.

Q: How does Wickens' geometric approach compare to other methods of multivariate analysis?

A: Wickens' approach complements other multivariate techniques by providing a visual and intuitive way to understand complex data structures. In comparison to purely statistical methods, geometric representations offer:

- **Enhanced interpretability:** Visualizations make it easier to draw inferences and identify patterns that might be less apparent from numerical data.
- **Improved communication:** Geometric representations can be easily presented and understood by non-statisticians, facilitating communication and collaboration.

Q: What are the practical applications of Wickens' geometric approach?

A: Wickens' geometric techniques have found applications in various fields, including:

- **Data exploration:** Identifying patterns, outliers, and relationships in large datasets.
- **Dimensionality reduction:** Simplifying data for further analysis and visualization.
- **Data classification:** Grouping data into meaningful categories or clusters.
- **Predictive modeling:** Developing predictive models based on geometric representations of data.

How do you cite Davis's drug guide in APA?

How to cite a drug label in APA 7? Name of Medicine [package insert]. Place of publication : Publisher; Year of publication/revision. For example: Risperdal (risperidone) [package insert].

When was Davis drug Guide 17th Edition published?

How do you cite drugs.com in APA? Page Title; Copyright; [Date page last updated; Date of citation]. URL. For Example: Drugs.com [Internet].

How do you cite in-text APA? For every in-text citation in your paper, there must be a corresponding entry in your reference list. APA in-text citation style uses the author's last name and the year of publication, for example: (Field, 2005). For direct quotations, include the page number as well, for example: (Field, 2005, p. 14).

How to cite a textbook in APA 7?

How do you cite APA 7th edition example? An APA in-text citation consists of the author's last name and the year of publication (also known as the author-date system). If you're citing a specific part of a source, you should also include a locator such as a page number or timestamp. For example: (Smith, 2020, p. 170).

How are APA 7 references listed? A reference list is arranged alphabetically by author last name. Each reference appears on a new line.

How do you cite a name in APA 7th edition? Author Names That is, an author citation will start with the family name or surname or last name, followed by the initials. Hillary Rodham Clinton ---> Clinton, H. R. Thomas Harris ---> Harris, T. Hugo Carrington III ---> Carrington, H., III.

What is Davis drug guide? Davis's Drug Guide includes regularly updated drug monographs for thousands of trade names and generic drugs. Administer drugs with confidence using the detailed entries, pill pictures, and integrated dosing calculators.

When was Brunner and Suddarth 12th edition published?

What are nursing implications? Nursing implications refer to the consequences or effects of nurses' actions, combining theoretical knowledge with the practical aspects of patient care.

How do you cite a medical website in APA 7? When citing a web document, list as many of the following elements as are available: author's name, publication date (or "n.d." if no date can be found), webpage/article title (usually in italics), website name, and URL.

What is the APA citation rule for website?

How do you cite a FDA in APA format?

How to cite a website with no author in APA? When you have a website in APA 7 with no author, you use the title, date, publisher, and URL. There is no period after the URL in the citation. Additionally, a website title is in italics.

How to reference in APA style? APA style uses the author/date method of citation in which the author's last name and the year of the publication are inserted in the actual text of the paper. It is the style recommended by the American Psychological Association and used in many of the social sciences.

What does APA citation look like? Basic Format: Author, A. A., & Author, B. B. (Year). Title of article. Title of Journal, volume number(issue number), page range.

How do you reference in text in APA 7th edition? For APA, you use the authors' surnames only and the year in text. If you are using a direct quote, you will also need to use a page number. Parenthetical citations: If an in-text citation has the authors' names in brackets use "&" between the authors' names : (Jones & Smith, 2020, p. 29).

How to reference APA 7th edition example?

How to reference correctly?

What is an example of APA reference? APA in-text citation style uses the author's last name and the year of publication, for example: (Field, 2005). For direct quotations, include the page number as well, for example: (Field, 2005, p. 14). For sources such as websites and e-books that have no page numbers, use a paragraph number.

What does an APA 7 reference list look like? Order: All references are listed by alphabetically by author, or title if there is no author; If there are two entries with identical authors but different dates, order them chronologically, earliest first. Space: Double-space the whole reference list.

What is reference with example? reference noun (MENTION) a mention of something: Knowing what had happened, I avoided making any reference to (= mentioning) weddings. formal I am writing with/in reference to (= in connection with) your letter of 15 March. Fewer examples. She made a veiled reference to her former employer.

Are APA 7 references single or double spaced? References page The page should be titled "References", and the title, which is a section label, not a section heading, should be centred and bolded (APA, 2020, p. 303). All references should be double spaced with a 0.5 in or 1.27 cm hanging indent (APA, 2020, p. 303):

Do you list all authors in APA 7 reference? In your reference list, you list all of the authors (up to 20).

How to indent APA 7 references? Order your reference list alphabetically by author. Apply a hanging indent to each reference list entry. This means that the first line of each entry is left aligned, while the second and subsequent lines are indented (the Publication Manual recommends 0.5" or 1.27cm—the default in Microsoft Word).

How do you cite Lippincott Advisor drugs in APA? Title of article/summary/resource. (Year of publication). Lippincott Advisor. Retrieved Month Day, Year, from <https://advisor-lww-com.bowvalley.idm.oclc.org/lna/home.do>.

How to cite Mosby's drug guide APA?

How do you cite a FDA in APA format?

How do you cite Micromedex drug interactions? Format for Citing Micromedex Drug Monograph Title. In: Specific Database Title [database on the Internet]. Greenwood Village (CO): IBM Corporation; publication year [cited date]. Available from: www.micromedexsolutions.com.

How to cite a website in APA 7th edition?

How do you cite Lippincott procedures? To cite the entire Lippincott Advisor or Lippincott Procedures product, the format would be: Lippincott procedures. (year). Retrieved from <http://procedures.lww.com>.

How to cite the who in APA 7th edition? In the first in-text citation for the source, write out the name of the organisation in full the first time you mention them, and give the abbreviation in square brackets, for example: ... clearly stated policy (World Health Organisation [WHO], 2018). The World Health Organisation [WHO] (2018, para.

How to cite Davis drug guide?

How to reference guidelines in APA 7?

How to cite the Sanford Guide to Antimicrobial Therapy APA?

How to cite a website with no author in APA? When you have a website in APA 7 with no author, you use the title, date, publisher, and URL. There is no period after the URL in the citation. Additionally, a website title is in italics.

How to cite a government website APA with no author or date? Website with no author and no date Bibliographic references are double-spaced and indented half an inch after the first line. If there is no author, the article title comes first. If there is no date, use the abbreviation n.d.

How to cite a document in APA 7? An APA in-text citation consists of the author's last name and the year of publication (also known as the author-date system). If you're citing a specific part of a source, you should also include a locator such as a page number or timestamp. For example: (Smith, 2020, p. 170).

How to cite Micromedex 2024? Merative Micromedex states that "when referencing a Micromedex product or database, you must include: (electronic version), Merative information, URL address (<https://www.micromedexsolutions.com/>) and the date accessed."

How do you cite DrugBank online in APA? When using DrugBank Content in an academic publication, DrugBank is to be cited as follows: Wishart DS, Knox C, Guo AC, Shrivastava S, Hassanali M, Stothard P, Chang Z, Woolsey J. Drugbank: a comprehensive resource for in silico drug discovery and exploration. *Nucleic Acids Res.*

What type of source is Micromedex? Micromedex is a reference database for evidence-based drug, disease, and toxicology information.

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