

DATA MINING AND DATA WARE HOUSE BASED COMPUTER MCQ PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

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Created By [Careericons](#) Team

Q1. Primary key is

- a) The result of the application of a theory or a rule in a specific case
 - b) One of several possible enters within a database table that is chosen by the designer as the primary means of accessing the data in the table
 - c) Discipline in statistics that studies ways to find the most interesting projections of multi-dimensional spaces.
 - d) None of these
-

Q2. Heterogeneous databases referred to

- a) A set of databases from different vendors, possibly using different database paradigms
 - b) An approach to a problem that is not guaranteed to work but performs well in most cases.
 - c) Information that is hidden in a database and that cannot be recovered by a simple SQL query.
 - d) None of these
-

Q3. Transparency

- a) The large set of candidate solutions possible for a problem
 - b) The information stored in a database that can be, retrieved with a single query.
 - c) Worth of the output of a machinelearning program that makes it understandable for humans
 - d) None of these
-

Q4. Binary attribute are

- a) This takes only two values. In general, these values will be 0 and 1 and they can be coded as one bit
- b) The natural environment of a certain species
- c) Systems that can be used without knowledge of internal operations
- d) None of these

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Q5. Hybrid learning is

- a) Machine-learning involving different techniques
- b) The learning algorithmic analyzes the examples on a systematic basis and makes incremental adjustments to the theory that is learned
- c) Learning by generalizing from examples
- d) None of these

Q6. Data dictionary is

- a) Large collection of data mostly stored in a computer system
- b) The removal of noise errors and incorrect input from a database
- c) The systematic description of the syntactic structure of a specific database. It describes the structure of the attributes the tables and foreign key relationships.
- d) None of these

Q7. Hybrid is

- a) Combining different types of method or information
- b) Approach to the design of learning algorithms that is structured along the lines of the theory of evolution.
- c) Decision support systems that contain an Information base filled with the knowledge of an expert formulated in terms of if-then rules.

d) None of these

Q8. Subject orientation

- a) The science of collecting, organizing, and applying numerical facts
 - b) Measure of the probability that a certain hypothesis is incorrect given certain observations.
 - c) One of the defining aspects of a data warehouse, which is specially built around all the existing applications of the operational data
 - d) None of these
-

Q9. Cache is

- a) It is a memory buffer that is used to store data that is needed frequently by an algorithm in order to minimize input/ output traffic
 - b) The number of different values that a given attribute can take
 - c) A mathematical conception of space where the location of a point is given by reference to its distance from two or three axes intersecting at right angles
 - d) None of these
-

Q10. Unsupervised algorithms

- a) It do not need the control of the human operator during their execution.
 - b) An arrow in a multi-dimensional space. It is a quantity usually characterized by an ordered set of scalars.
 - c) The validation of a theory on the basis of a finite number of examples.
 - d) None of these
-

Q11. A definition of a concept is——if it recognizes all the instances of that concept.

- a) Complete
- b) Consistent

- c) Constant
 - d) None of these
-

Q12. Classification task referred to

- a) A subdivision of a set of examples into a number of classes
- b) A measure of the accuracy, of the classification of a concept that is given by a certain theory
- c) The task of assigning a classification to a set of examples
- d) None of these

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Q13. DB/2 is

- a) A family of relational database management systems marketed by IBM
 - b) Interactive systems that enable decision makers to use databases and models on a computer in order to solve illstructured problems
 - c) It consists of nodes and branches starting from a single root node. Each node represents a test, or decision.
 - d) None of these
-

Q14. Background knowledge referred to

- a) Additional acquaintance used by a learning algorithm to facilitate the learning process
 - b) A neural network that makes use of a hidden layer.
 - c) It is a form of automatic learning.
 - d) None of these
-

Q15. Artificial intelligence is

- a) It uses machine-learning techniques. Here program can learn from past experience and adapt themselves to new situations
- b) Computational procedure that takes some value as input and produces some value as output.
- c) Science of making machines performs tasks that would require intelligence when performed by humans
- d) None of these

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Answers to the above questions :

Q1. Answer: (b)

Q2. Answer: (a)

Q3. Answer: (c)

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Q4. Answer: (a)

Q5. Answer: (a)

Q6. Answer: (c)

Q7. Answer: (a)

Q8. Answer: (c)

Q9. Answer: (a)

Q10. Answer: (a)

Q11. Answer: (a)

Q12. Answer: (c)

Q13. Answer: (a)

Q14. Answer: (a)

Q15. Answer: (c)

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