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No.	

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## Kamala College, Kolhapur

(Autonomous)

B.C.A. (Part-I) (Semester-II) (CBCS) Examination March/April, held in May, 2023. CC-308: Data Base Management System

Day and Date: Mon, 29/05/2023 Time: 08.00 a.m. to 11.00 a.m.

Instructions:

- 1. Que.1 and Que.8 are compulsory
- Attempt any three questions from Que. No.2 to Que. No. 7 2.
- Figures to the right indicate total marks. 3.

Q. 1 Multiple Choice Quest	tions (1 mark each)
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12

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Total Marks: 80

- 1. Which of the following is not a valid aggregate function?
- A) COUNT

B) SUM

C) COMPUTE

- D) MAX
- 2. Which type of data can be stored in the database?
- A) Image oriented data

B) Text, files containing data

C) Data in the form of audio or video D) All of the above

- 3.In which of the following formats in stored in the database management system?
- A) Image

- B) Text C) Table D) Graph
- 4. Which Schema is also known as physical schema?
- A) Internal

B) Conceptual

C) External

- D) None
- 5. What is present in server but not in client?
- A) Database

B) Application user

C) User

D) None

- 6. Which of the following is a function of the DBMS?
- A) Storing data

B) Providing multi-user access control

C) Data Integrity

D) All of the above

- 7. What is information about data called?
- A) Hyper data B) Tara data C) Meta data D) Relations

8.A table is in 3NF if it is in 2NF and i	if it has no	
A) Functional dependencies	B) Transitive Dependencies	
C) Trivial Functional dependencies		
9. What is the full form of SQL?		
A) Structured Query Language	B) Structured Query List	
C) Sample Query Language	D) None of these	
10. Which of the following is not a vali	d SQL type?	
A) FLAT	B) NUMBER	Marie Land
C) DECIMAL	D) CHARACTER	Krantiveer
Car advantage to the second	The state of the s	W.
11. How many primary keys can have in	n a table?	
A) Only 1	B) Only 2	LIBRARY
C) Depends on of columns	D) Depends on DBA	Krantiveer
12 Which of the following is not a DDI	L common do?	Grief + Visia
12. Which of the following is not a DDI A)TRUNCATE	L commands!	MENY + KIBIO
	D) HEILK	
C) CREATE	D) UPDATE	
Q.2 What is DBMS, Explain advantage	es and dis-advantages of DBMS.	16
Q.3 Explain features od DBMS, & arch	nitecture of DBMS.	16
Q.4 What is normalization? explain ex-	ample of normalization	16
O S a) What is database and dall E	1. 1. 1. 1.	
Q.5 a) What is database model? Explain b) What is DFD? Draw Library masses		16
The second second	in which was an amballe a tending	
Q.6 a) Explain keys in DBMS.		16
b) Explain aggregate functions in I	DBMS	
Q.7 a) Explain types of database system	n. To no ton the same of a broke of the	16
b) What is file? Explain types of fi		10
Q.8 Short Notes (Any 4)		20
a) Schema subschema	h) Data diationam	20
c) DDL command	b) Data dictionary	
e) DML command	d) Record based model. f) Order by clause	
c) Divid command	1) Order by clause	

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