



RAN - 1811000501020001

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**M. Sc. (Comp. Application) 1st Semester Examination**

**March / April - 2019**

**Paper-102: Advanced DBMS (OLD & NEW COURSE)**

**Time: 3 Hours ]**

**[ Total Marks: 70**

**સૂચના : / Instructions**

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

M. Sc. (Comp. Application) 1st Semester

Name of the Subject :

Paper-102: Advanced DBMS

Subject Code No.: 1811000501020001

Seat No.:

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Student's Signature

**Q-1: Answer in any two.**

**14**

- Discuss the nested queries and complex queries with examples
- Define view. Discuss various types of views in details
- Explain pragma exception and user defined exception in detail

**Q-2: Do as Directed. (Any Two)**

**14**

- What do you mean by concurrent execution in details
- Explain with example how Atomicity and durability is implemented in database
- Explain various constraints that can be implemented in database

**Q-3: Do as Directed (Any Two)**

**14**

- Discuss the various Components of SGA area in detail
- Explain SHUTDOWN Immediate and SHUTDOWN Normal in detail
- List out the various process of oracle and explain the role of SMON and PMON process

**Q-4: Do as directed. (Any Two) 14**

- (a) Discuss the startup nomount, mount and open database command
- (b) Discuss the role of profiles in user configuration setup
- (c) Explain how to create tablespace in detail

**Q-5: Do As directed (Any Two) 14**

- (a) Write in brief about hot backup
  - (b) What is database failures. Discuss any one recovery methods in detail
  - (c) Write notes on dedicated and shared configurations
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