OLD QUESTION PAPERS

REGISTER

Department of Computer Science

C.S.T.S. GOVT.KALASALA

JANGAREDDIGUDEM, ELURU DIST

0909839

[Total No. of Printed Pages-2

[CB-BA521-A/CB-BS539-A/CB-BS525-A]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMPUTER APPLICATIONS-V(A)- DATA BASE MANAGEMENT SYSTEM

(COMMON FOR B.A(CA), B.Sc(CS), B.Sc(CA))

(From The Admitted Batch of 2015-16)

(CBCS PATTERN)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **FIVE** questions   (5×5=25)

Write about the drawbacks in file based system.

Write about entity clusters.

Write about CODD rules.

Write a brief note on aggregate functions.

Write about data types in PL/SQL.

Write about generalization.

What is a view? Write the procedure to create a view.

Write about sub query.

SECTION - B

Answer **All** the questions.   (5×10=50)

1. a) Explain in detail about advantages and disadvantages of DBMS.

    (OR)

    b) Explain in detail about database architecture.

2. a) What are the basic building blocks of ERM.

    (OR)

    b) What is relationship? Explain classification and degrees of relationship.

3. a) Explain advantages and disadvantages of relational algebra.

    (OR)

    b) Explain the concept of relational calculus.

4. a) Explain in detail about DDL, DML and DCL commands.

    (OR)

    b) Explain join and set operation with example.

5. a) Explain the structure of PL/SQL program.

    (OR)

    b) What is trigger? Explain operations on triggers.

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[CB-BA521-A/CB-BS539-A/CB-BS525-A]

AT THE END OF FIFTH SEMESTER

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COMPUTER APPLICATIONS-V(A)- DATA BASE MANAGEMENT SYSTEM

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[CB-BA521-A/CB-BS539-A/CB-BS525-A]

AT THE END OF FIFTH SEMESTER

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[CB-BA521-A/CB-BS539-A/CB-BS525-A]

AT THE END OF FIFTH SEMESTER

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(2) [CB-BA521-A/CB-BS539-A/
CB-BS525-A]

SECTION - B

Answer **All** the questions. (5×10=50)

1. a) Explain in detail about advantages and disadvantages of DBMS.

(OR)

b) Explain in detail about database architecture.

2. a) What are the basic building blocks of ERM.

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5. a) Explain the structure of PL/SQL program.

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b) What is trigger? Explain operations on triggers.

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SECTION - A

Answer any **Five** of the following. (5×5=25)

1. Describe software project scheduling

2. Explain the analysis process.

3. Write about cohesion and coupling.

4. Write about user interface design.

5. Describe integration and testing tool.

6. Differentiate between waterfall model and spiral model.

7. Write about quality metrics

8. Describe software design.

[Turn over

SECTION - B

II. Answer **All** the questions. (5×10=50)

1. a) Explain Software Engineering process paradigms with neat diagrams.

(OR)

b) Explain process and project metrics.

2. a) Explain Requirement Engineering process.

(OR)

b) Explain about analysis model.

3. a) Explain software architecture.

(OR)

b) Explain Architecture design and procedure design

4. a) Explain about interface design

(OR)

b) Describe human computer interaction

5. a) Explain Black-Box testing and path testing

(OR)

b) Write about control structures testing.

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me : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **Five** of the following.   (5×5=25)

1. Describe software project scheduling

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SECTION - B

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   (OR)

   b) Explain process and project metrics.

2. a) Explain Requirement Engineering proce

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4. a) Explain about interface design

   (OR)

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5. a) Explain Black-Box testing and path testi

   (OR)

   b) Write about control structures testing.

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[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMPUTER APPLICATIONS-V(B)

SOFTWARE ENGINEERING

(COMMON FOR B.A(CA),B.Sc(CS),B.Sc(CA))

(From the Admitted Batch of 2015-2016)

(CBCS PATTERN)

me : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **Five** of the following.   (5×5=25)

1. Describe software project scheduling

2. Explain the analysis process.

3. Write about cohesion and coupling.

4. Write about user interface design.

5. Describe integration and testing tool.

6. Differentiate between waterfall model and spiral
   model.

7. Write about quality metrics

8. Describe software design.

SECTION - B

II. Answer **All** the questions. (5×10=50)

1. a) Explain Software Engineering proces paradigms with neat diagrams.

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[CB-BA521-A/CB-BS539-A/CB-BS525-A]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMPUTER APPLICATIONS-V(A)- DATA BASE MANAGEMENT SYSTEM

(COMMON FOR B.A(CA), B.Sc(CS), B.Sc(CA))

(From The Admitted Batch of 2015-16)

(CBCS PATTERN)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **FIVE** questions (5×5=25)

Write about the drawbacks in file based system.

Write about entity clusters.

Write about CODD rules.

Write a brief note on aggregate functions.

Write about data types in PL/SQL.

Write about generalization.

What is a view? Write the procedure to create a view.

Write about sub query.

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(2)   [CB-BA521-A/CB-BS539-A/
CB-BS525-A]

SECTION - B

Answer **All** the questions.   (5×10=50)

1. a) Explain in detail about advantages and disadvantages of DBMS.

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   b) Explain in detail about database architecture.

2. a) What are the basic building blocks of ERM.

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(OR)

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(OR)

   b) Explain join and set operation with example.

5. a) Explain the structure of PL/SQL program.

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   b) What is trigger? Explain operations on triggers.

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[CB-BA521-A/CB-BS539-A/CB-BS525-A]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMPUTER APPLICATIONS-V(A)- DATA BASE MANAGEMENT SYSTEM

(COMMON FOR B.A(CA), B.Sc(CS), B.Sc(CA))

(From The Admitted Batch of 2015-16)

(CBCS PATTERN)

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SECTION - B

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AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMPUTER APPLICATIONS-V(A)- DATABASE
MANAGEMENT SYSTEM

(COMMON FOR B.A(CA), B.Sc(CS), B.Sc(CA))

(From The Admitted Batch of 2015-16)

(CBCS PATTERN)

Time : 3 Hours

Maximum : 75 Marks

SECTION - A

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[Turn over

SECTION - B

Answer **All** the questions.   (5×10=50

1. a) Explain in detail about advantages a disadvantages of DBMS.

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[CB-BA521-A/CB-BS539-A/CB-BS525-A]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMPUTER APPLICATIONS-V(A)- DATA BASE MANAGEMENT SYSTEM

(COMMON FOR B.A(CA), B.Sc(CS), B.Sc(CA))

(From The Admitted Batch of 2015-16)

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What is a view? Write the procedure to create a view.

Write about sub query.

[Turn over

[CB-BC535/CB-BC547]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

WEB TECHNOLOGY

(COMMON FOR B.COM (GENERAL), B.COM (VOCATIONAL))

(From The Admitted Batch of 2015-2016)

(CBCS PATTERN)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **FIVE** questions   (5×5=25)

1. What are topologies? Write different topologies.
2. What is a layer?
3. What is DHTML?
4. What is java script?
5. What is frame?
6. What is HTML document heading?
7. What is event in java script?
8. How to open a new window?

[Turn over

SECTION - B

Answer **All** the questions.   (5×10=

1. a) Explain in detail about advantages disadvantages of DBMS.

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2. a) What are the basic building blocks of ERM.

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4. a) Explain in detail about DDL, DML and commands.

   (OR)

   b) Explain join and set operation with example.

5. a) Explain the structure of PL/SQL program.

   (OR)

   b) What is trigger? Explain operations on trigger.

(2)   [CB-BC535/CB-BC5

SECTION - B

II   Answer **All** the questions.   (5×10=5

1. a)   What is difference between HTML and XML?

(OR)

b)   What is a hyperlink? Write a Program in hyperli

2. a)   What is CSS? Write Different types of CSS?

(OR)

b)   Explain different types properties in CSS?

3. a)   Write objects in java script?

(OR)

b)   What are the operators in java script?

4. a)   Write exception handling in java script?

(OR)

b)   Write regular expressions in java script?

5. a)   What are Form validations in java script?

(OR)

b)   Write a java script program moving images?

_____

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me : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **FIVE** questions   (5×5=25)

1.   What are topologies? Write different topologies.

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[Turn over

SECTION - B

II   Answer **All** the questions.   (5×10=50)

1. a)   What is difference between HTML and XML?

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[CB-BC535/CB-BC547]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

WEB TECHNOLOGY

(COMMON FOR B.COM (GENERAL), B.COM (VOCATIONAL))

(From The Admitted Batch of 2015-2016)

(CBCS PATTERN)

Time : 3 Hours   Maximum : 75 Marks

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(2) [CB-BC535/CB-BC

SECTION - B

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[CB-BC535/CB-BC547]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

WEB TECHNOLOGY

(COMMON FOR B.COM (GENERAL), B.COM (VOCATIONAL))

(From The Admitted Batch of 2015-2016)

(CBCS PATTERN)

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(2)   [CB-BC535/CB-BC

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[CB-BC535/CB-BC547]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

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(COMMON FOR B.COM (GENERAL), B.COM (VOCATIONAL))

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(2)   [CB-BC535/CB-BC

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[Total No. of Printed Pages-2

[CB-BC535/CB-BC547]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

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(COMMON FOR B.COM (GENERAL), B.COM (VOCATIONAL))

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(2)　　[CB-BC535/CB-BC

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(2)   [CB-BC535/CB-BC

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[CB-BC535/CB-BC547]

AT THE END OF FIFTH SEMESTER

DEGREE EXAMINATIONS

COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

WEB TECHNOLOGY

(COMMON FOR B.COM (GENERAL), B.COM (VOCATIONAL))

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5. a)   What are Form validations in java script?

(OR)

b)   Write a java script program moving images

[CB-BA521-A/CB-BS539-A/CB-BS525-A]

THE END OF FIFTH SEMESTER (CBCS PATTERN)
DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(A)

DATABASE MANAGEMENT SYSTEM

(Common For B.A.(CA),/B.Sc.(CS),/B.Sc.(CA))

(From The Admitted Batch of 2015-16)

e : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any FIVE questions.   (5×5=25)

1.   Explain various components of DBMS with neat diagram.

2.   Explain different types of relationships.

3.   Domain Relational Calculus (DRC)

4.   Explain set operators in SQL.

5.   Explain various control structures in PL/SQL.

6.   Explain the Database Architecture.

7.   What is a key? Explain about various types of keys.

8.   Explain various data types in PI/SQL.

[Turn over

SECTION - B

II. **Answer All the questions.** (5×10=...)

9. a) What are the draw backs of file-b... system? Explain.

(OR)

b) What are the advantages DBMS? Exp...

10. a) What is ER-modelling? Write advan... and disadvantages of ER-Modelling.

(OR)

b) What is EER model? Explain generaliz... and specialization.

11. a) Explain about Codd's relational dat... rules.

(OR)

b) Explain in detail about relational alg...

12. a) Explain DDL and DML commands in... with syntax and example.

(OR)

b) Explain different types of Joins in S... detail.

[CB-BA521-A/CB-BS539-A/CB-BS525-A]

THE END OF FIFTH SEMESTER (CBCS PATTERN) DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(A)

DATABASE MANAGEMENT SYSTEM

(Common For B.A.(CA),/B.Sc.(CS),/B.Sc.(CA))

(From The Admitted Batch of 2015-16)

...e : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any FIVE questions. (5×5=25)

1. Explain various components of DBMS with neat diagram.
2. Explain different types of relationships.
3. Domain Relational Calculus (DRC)
4. Explain set operators in SQL.
5. Explain various control structures in PL/SQL.
6. Explain the Database Architecture.
7. What is a key? Explain about various types of keys..
8. Explain various data types in PI/SQL.

[Turn over

SECTION - B

II. Answer All the questions.   (5×10...

9. a) What are the draw backs of file-b... system? Explain.

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[CB-BA521-A/CB-BS539-A/CB-BS525-A]

THE END OF FIFTH SEMESTER (CBCS PATTERN) DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(A)

DATA BASE MANAGEMENT SYSTEM

(Common For B.A.(CA), /B.Sc.(CS), /B.Sc.(CA))

(From The Admitted Batch of 2015-16)

e : 3 Hours   **Maximum : 75 Marks**

SECTION - A

Answer any FIVE questions.   **(5×5=25)**

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2. Explain different types of relationships.

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[Turn over

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with syntax and example.

(OR)

b) Explain different types of Joins in
detail.

[CB-BA521-A/CB-BS539-A/CB-BS525-A]

THE END OF FIFTH SEMESTER (CBCS PATTERN) DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(A)

DATABASE MANAGEMENT SYSTEM

(Common For B.A.(CA),/B.Sc.(CS),/B.Sc.(CA))

(From The Admitted Batch of 2015-16)

e : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any FIVE questions.   **(5×5=25)**

1. Explain various components of DBMS with neat diagram.

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7. What is a key? Explain about various types of keys.

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[Turn over

SECTION - B

II. Answer All the questions. (5×10

9. a) What are the draw backs of file-b
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10. a) What is ER-modelling? Write advant
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11. a) Explain about Codd's relational data
rules.

(OR)

b) Explain in detail about relational alge

12. a) Explain DDL and DML commands in
with syntax and example.

(OR)

b) Explain different types of Joins in S
detail.

13. a) Explain about procedures and functions in
PI/SQL.

(OR)

b) What is a Trigger? Explain different types of
triggers in PL/SQL.

———

13. a) Explain about procedures and functions in PI/SQL.

(OR)

b) What is a Trigger? Explain different types of triggers in PL/SQL.

———

13. a) Explain about procedures and functions in PL/SQL.

(OR)

b) What is a Trigger? Explain different types of triggers in PL/SQL.

13. a) Explain about procedures and functions in PI/SQL.

(OR)

b) What is a Trigger? Explain different types of triggers in PL/SQL.

———————

[21-BS425-B]

AT THE END OF FOURTH SEMESTER - (CBCS PATTERN) DEGREE EXAMINATIONS COMPUTER SCIENCE IV(B) - OPERATING SYSTEMS UG PROGRAM (4 YEARS HONORS)
(w.e.f. Admitted Batch 2020-21)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

I.   Answer any FIVE questions.   (5×5=25)

1.   Define Operating system. Explain the brief history of Operating system.

2.   Briefly explain about system calls.

3.   Explain in detail about process state diagram.

4.   Discuss about Virtual memory.

5.   Write about Android Development Framework.

6.   Write about process Scheduling.

7.   Write about thread issues.

8.   Write about logical and physical addresses.

[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER
(CBCS PATTERN) DEGREE EXAMINATIONS
COMPUTER APPLICATIONS - V(B)
SOFTWARE ENGINEERING
(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))
(From The Admitted Batch of 2015-2016)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **Five** questions.   (5×5=25)

1. Briefly explain about linear sequential model.

2. Explain requirement elicitation and analysis.

3. Explain various decomposition techniques.

4. How a user interface design is evaluates?

5. Explain about software quality merits.

6. Explain the merits of software quality.

7. Explain about problems and solutions of requirements.

8. Explain function-oriented design.

[Turn over

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(2)   [21-BS425-B

SECTION - B

II.   Answer ALL the questions.   (5×10=50)

9. a) Explain objectives and functions of an operating system.

        (OR)

    b) Explain about various types of operating systems.

10. a) What is Thread? Explain about Threads and its types.

        (OR)

    b) Write about scheduling algorithms.

11. a) What is Deadlock? Explain methods for handling deadlocks.

        (OR)

    b) What is Process Synchronization? Explain Critical section problem.

12. a) Write about Continguous memory allocation

        (OR)

    b) Explain about paging concept.

13. a) Describe the file allocation methods.

        (OR)

    b) Discuss about Disk Scheduling algorithm

(2) [CB-BA521-B/CB-BS539-B/CB-BS52

SECTION - B

II. Answer **All** the questions. (5×10=5[

9. a) Explain about Agile process model. Al[explain its merits and limitations.

(OR)

b) Explain about system development life cy[

10. a) What is requirement engineering? Expl[various Requirement engineering tasks.

(OR)

b) Explain about software requirements analy[

11. a) What is software architecture? Why it is important? Explain structural partitioning[

(OR)

b) What is coupling? Explain various type[coupling.

12. a) What are the steps used in user interf[analysis? Write about user interface des[models and design process.

(OR)

b) Explain Human factors and Human comp[interface Design.

[5,000

[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER
(CBCS PATTERN) DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(B)

SOFTWARE ENGINEERING

(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))

(From The Admitted Batch of 2015-2016)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **Five** questions. (5×5=25)

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7. Explain about problems and solutions of requirements.

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[Turn over

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5,000

[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER (CBCS PATTERN) DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(B)

SOFTWARE ENGINEERING

(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))

(From The Admitted Batch of 2015-2016)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

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8. Explain function-oriented design.

[Turn over

[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER
(CBCS PATTERN) DEGREE EXAMINATIONS
COMPUTER APPLICATIONS - V(B)
SOFTWARE ENGINEERING

(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))
(From The Admitted Batch of 2015-2016)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

Answer any **Five** questions.   (5×5=25)

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[Turn over

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    (OR)

    b) Explain Human factors and Human comp... interface Design.

(2) [CB-BA521-B/CB-BS539-B/CB-BS52

SECTION - B

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15,000

[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER
(CBCS PATTERN) DEGREE EXAMINATIONS
COMPUTER APPLICATIONS - V(B)
SOFTWARE ENGINEERING

(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))

(From The Admitted Batch of 2015-2016)

Time : 3 Hours   Maximum : 75 Marks

SECTION - A

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    requirements.

8. Explain function-oriented design.

[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER

(CBCS PATTERN) DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(B)

SOFTWARE ENGINEERING

(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))

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6. Explain the merits of software quality.

7. Explain about problems and solutions of requirements.

8. Explain function-oriented design.

[Turn over

SECTION - B

II. Answer **All** the questions.   (5×10=50)

9. a) Explain about Agile process model. Also explain its merits and limitations.

(OR)

b) Explain about system development life cycle.

10. a) What is requirement engineering? Explain various Requirement engineering tasks.

(OR)

b) Explain about software requirements analysis.

11. a) What is software architecture? Why it is so important? Explain structural partitioning.

(OR)

b) What is coupling? Explain various types of coupling.

12. a) What are the steps used in user interface analysis? Write about user interface design models and design process.

(OR)

b) Explain Human factors and Human computer interface Design.

15,000

(2) [CB-BA521-B/CB-BS539-B/CB-BS525-B]

[CB-BA521-B/CB-BS539-B/CB-BS525-B]

SECTION - B

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15,000

AT THE END OF FIFTH SEMESTER (CBCS PATTERN) DEGREE EXAMINATIONS

COMPUTER APPLICATIONS - V(B)

SOFTWARE ENGINEERING

(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))

(From The Admitted Batch of 2015-2016)

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SECTION - A

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[CB-BA521-B/CB-BS539-B/CB-BS525-B]

AT THE END OF FIFTH SEMESTER
(CBCS PATTERN) DEGREE EXAMINATIONS
COMPUTER APPLICATIONS - V(B)
SOFTWARE ENGINEERING
(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))
(From The Admitted Batch of 2015-2016)

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15,000

[CB-BA521-B/CB-BS539-B/CB-BS525-B]
AT THE END OF FIFTH SEMESTER
(CBCS PATTERN) DEGREE EXAMINATIONS
COMPUTER APPLICATIONS - V(B)
SOFTWARE ENGINEERING
(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))
(From The Admitted Batch of 2015-2016)

Time : 3 Hours   Maximum : 75 Marks

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12. a) What are the steps used in user interface analysis? Write about user interface design models and design process.

        (OR)

    b) Explain Human factors and Human computer interface Design.

13. a) Explain software reverse and Re-engineering.

        (OR)

    b) Explain Black Box and White Box testing.

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