# OLD QUESTION PAPERS REGISTER



# **Department of Computer Science**

C.S.T.S. GOVT.KALASALA

JANGAREDDIGUDEM, ELURU DIST

2019-20 NOV 2019

# 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)

ime: 3 Hours

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

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.

[CB-BA521-A/CB-BS539, CB-BS525-Al

# SECTION - B

Answer All the questions.

 $(5 \times 10 = 50)$ 

Explain in detail about advantages and

disadvantages of DBMS.

(OR)

- Explain in detail about database architecture. b)
- What are the basic building blocks of ERM. a) 2.

(OR)

- What is relationship? Explain classification and Time: 3 Hours b) degrees of relationship.
- Explain advantages and disadvantages of relational a) 3. algebra.

(OR)

- Explain the concept of relational calculus. b)
- Explain in detail about DDL, DML and DCI a) commands.

(OR)

- Explain join and set operation with example. b)
- Explain the structure of PL/SQL program. 5. a)

(OR)

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)

Maximum: 75 Marks

**SECTION - A** 

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

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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CB-BA521-A/CB-BS539-A/ CB-BS525-A

# SECTION - B

Answer All the questions.

(5×10=50)

Explain in detail about advantages and

disadvantages of DBMS.

(OR)

Explain in detail about database architecture. b)

What are the basic building blocks of ERM. a)

(OR)

What is relationship? Explain classification and ime: 3 Hours b) degrees of relationship.

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

(OR)

Explain the concept of relational calculus.

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

(OR)

Explain join and set operation with example. b)

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

(OR)

What is trigger? Explain operations on triggers.

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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)

Maximum: 75 Marks

**SECTION - A** 

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

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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CB-BA521-A/CB-BS539-A/CB-BS559-A/CB-BS59-A/CB-BS59-A/CB-BS59-A/CB-BS59-A/CB-BS59-A/CB-BS59-A/CB-BS59-A/CB-BS59-A/CB-BS59-CB-BS525-Al

# SECTION - B

Answer All the questions.

(5×10=50)

Explain in detail about advantages and

disadvantages of DBMS.

(OR)

Explain in detail about database architecture.

What are the basic building blocks of ERM. a)

(OR)

What is relationship? Explain classification and ime: 3 Hours b)

degrees of relationship.

Explain advantages and disadvantages of relational 3. algebra.

(OR)

Explain the concept of relational calculus. b)

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

(OR)

Explain join and set operation with example. b)

Explain the structure of PL/SQL program. 5.

(OR)

What is trigger? Explain operations on triggers. b)

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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)

Maximum: 75 Marks

**SECTION - A** 

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

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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[CB-BA521-A/CB-BS539.4 CB-BS525-A

# SECTION

Answer All the questions.

(5×10=50)

Explain in detail about advantages and

disadvantages of DBMS.

(OR)

Explain in detail about database architecture. b)

What are the basic building blocks of ERM. a)

(OR)

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

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

(OR)

Explain the concept of relational calculus. b)

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

(OR)

Explain join and set operation with example. b)

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

(OR)

What is trigger? Explain operations on triggers b)

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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)

ime: 3 Hours

Maximum: 75 Marks

SECTION-A.

Answer any Five of the following.

 $(5 \times 5 = 25)$ 

Describe software project scheduling 1.

2. Explain the analysis process.

Write about cohesion and coupling. 3.

Write about user interface design. 4.

Describe integration and testing tool. 5.

Differentiate between waterfall model and spiral 6. model.

Write about quality metrics 7.

8. Describe software design.

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# [CB-BA 521-B/CB-BS 539, B/CB-BS 525.h]

# SECTION - B

I. Answer All the questions.

(5×10≈50

1. Answer All the questions of tware Engineering process paradigms with neat diagrams.

(OR)

b) Explain process and project metrics.
Explain Requirement Engineering process

2. a) Explain Requires

b) Explain about analysis model.

3. a) Explain software architecture.

(OR)

b) Explain Architecture design and procedum 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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[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.

 $(5 \times 5 = 2.5)$ 

- 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.

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	(2) [CB-BA 521-B/CB-B]  SECTION - B
٠, إ	SECTION - B
11.	Answer All the questions.  1. a) Explain Software Engineering praradigms with neat diagrams.  (OR)
	Explain process and project mest

b)

Explain Requirement Engineering Prop a) 2. (OR)

Explain about analysis model. b)

Explain software architecture. a) 3. (OR)

> Explain Architecture design and process b) design

Explain about interface design a)

(OR)

Describe human computer interaction b)

Explain Black-Box testing and path test a) (OR)

> Write about control structures testing. b)

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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.

 $(5 \times 5 = 25)$ 

Describe software project scheduling

Explain the analysis process. 2.

Write about cohesion and coupling. 3.

Write about user interface design. 4.

5. Describe integration and testing tool.

Differentiate between waterfall model and spiral 6. model.

Write about quality metrics 7.

Describe software design. 8.

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# (2) [CB-BA 521-B/CB-BS 539, B/CB-BS 525-b]

#### SECTION - B

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

Answer All the quantum Answer All the quantum

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 procedu

design

Explain about interface design

(OR)
b) Describe human computer interaction

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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[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)

ime: 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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[CB-BA521-A/CB-BS539-A CB-BS525-A

#### SECTION - B

Answer All the questions.

(5×10=50)

Explain in detail about advantages and disadvantages of DBMS.

(OR)

- Explain in detail about database architecture. b)
- What are the basic building blocks of ERM. a) 2.

(OR)

- What is relationship? Explain classification anme: 3 Hours degrees of relationship.
- Explain advantages and disadvantages of relations 3. algebra.

(OR)

- Explain the concept of relational calculus.
- Explain in detail about DDL, DML and DO a) commands.

(OR)

- Explain join and set operation with example. b)
- Explain the structure of PL/SQL program. 5. a)

(OR)

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)

Maximum: 75 Marks

SECTION - A

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

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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# [CB-BA521-A/CB-BSS3] CB-BSSIS

#### SECTION - B

Answer All the questions.

(5×10≈5

Explain in detail about advantages disadvantages of DBMS. 1.

#### (OR)

- Explain in detail about database architecture b)
- What are the basic building blocks of ERM a) 2.

· (OR)

- What is relationship? Explain classification me: 3 Hours b) degrees of relationship.
- Explain advantages and disadvantages of relation a) 3. algebra.

#### (OR)

- Explain the concept of relational calculus. b)
- Explain in detail about DDL, DML and D a) commands.

#### (OR)

- Explain join and set operation with example b)
- 5. a) Explain the structure of PL/SQL program.

#### (OR)

What is trigger? Explain operations on trigger

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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)

Maximum: 75 Marks

#### SECTION - A

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

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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[CB-BA521-A/CB-BS539, CB-BS525.

#### SECTION - B

Answer All the questions.

(5×10≈50

Explain in detail about advantages 1. disadvantages of DBMS.

#### (OR)

- Explain in detail about database architecture b)
- What are the basic building blocks of ERM. 2. a)

#### (OR)

What is relationship? Explain classification ame: 3 Hours b) degrees of relationship.

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

#### (OR)

- Explain the concept of relational calculus. b)
- Explain in detail about DDL, DML and D a) commands.

#### (OR)

- Explain join and set operation with example. b)
- 5. a) Explain the structure of PL/SQL program.

#### (OR)

b) What is trigger? Explain operations on triggers 0909813

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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)

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions

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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[CB-BA521-A/CB-B655] (2)**SECTION - B** 

1226023

[Total No. of Printed Pages-2

Answer All the questions.

(5×10) Explain in detail about advantages disadvantages of DBMS. 1.

(OR)

Explain in detail about database architecture b)

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

(OR)

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

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

(OR)

Explain the concept of relational calculus.

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

(OR)

Explain join and set operation with example b)

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

(OR)

What is trigger? Explain operations on trigg b)

[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)

ne: 3 Hours

Maximum: 75 Marks

SECTION - A

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

What are topologies? Write different topologies. 1.

What is a layer? 2.

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?

How to open a new window?

Turn over

00

#### (2) [CB-BC535/CB-BC6]

# SECTION -B

II Answer All the questions. (5×10=5

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

(OR)

h) What is a hyperlink? Write a Program in hyperlin

b) What is CSS? Write Different types of CSS?

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?

b) What are the operators in juva sorret.

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?

1226024

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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)

me: 3 Hours

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

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?

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# (2) [CB-BC535/CB-BC

# SECTION - B

Answer All the questions. (5×10× What is difference between HTML and XML? II (OR) a) 1. What is a hyperlink? Write a Program in hyper What is CSS? Write Different types of CSS? b) a) 2. (OR) Explain different types properties in CSS? Write objects in java script? b) a) 3. (OR)

b) What are the operators in java script?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

1226025

[Total No. of Printed Pages-2

#### [CB-BC535/CB-BC547]

AT THE END OF FIFTH SEMESTER
DEGREE EXAMINATIONS
COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

WEBTECHNOLOGY

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

(From The Admitted Batch of 2015-2016)

(CBCS PATTERN)

ne: 3 Hours

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

- 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?

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#### [CB-BC535/CR-k (2)

# SECTION - B

Answer All the questions. (5×11 What is difference between HTML and XM II (OR) 1. What is a hyperlink? Write a Program in hyper What is CSS? Write Different types of CSS? b) a) (OR) 2. Explain different types properties in CSS Write objects in java script? b) a) 3. (OR)

What are the operators in java script? b)

Write exception handling in java script? ne: 3 Hours a) 4. (OR)

Write regular expressions in java script? b)

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

(OR)

Write a java script program moving inage

1226026

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#### [CB-BC535/CB-BC547]

#### AT THE END OF FIFTH SEMESTER DEGREE EXAMINATIONS

COMMERCE

ELECTIVE - COMPUTER APPLICATIONS

WEBTECHNOLOGY

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

(From The Admitted Batch of 2015-2016)

(CBCS PATTERN)

Maximum: 75 Marks

#### SECTION - A

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

- 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?

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(2)	[CB-BC535/CB-Br
(-)	- n. R(

Answer All the questions. (5×10 What is difference between HTML and XMJ II (OR) a) 1. What is a hyperlink? Write a Program in hyper What is CSS? Write Different types of CSS? b) . a) (OR) 2. Explain different types properties in CSS? Write objects in java script? b) 3. a) (OR) What are the operators in java script? Write exception handling in java script? b) 4. a) (OR) Write regular expressions in java script? b) What are Form validations in java script? a) 5. (OR) Write a java script program moving image b)

1226027

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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)

ne: 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

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# (2) [CB-BC535/CB,BC

# SECTION - B

Answer All the questions. (5×10) What is difference between HTML and XML II (OR) a) 1. What is a hyperlink? Write a Program in hyper What is CSS? Write Different types of CSS? b) a) 2. (OR) Explain different types properties in CSS? b) Write objects in java script? a) 3. (OR) What are the operators in java script? b) Write exception handling in java script? a) (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 image

1226028

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#### [CB-BC535/CB-BC547]

# ATTHE 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)

ne: 3 Hours

00

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

- 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?

# (2) [CB-BC535/CB-BC

#### **SECTION - B**

Answer All the questions. What is difference between HTML and XML II a) 1., (OR) What is a hyperlink? Write a Program in hyper b) What is CSS? Write Different types of CSS? a) 2. (OR) Explain different types properties in CSS? b) Write objects in java script? 3. · a) (OR) What are the operators in java script? b)

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 image

1226029

[Total No. of Printed Pages-2

[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)

ne: 3 Hours

Maximum: 75 Marks

#### SECTION - A

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

- 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?

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# [CB-BC535/CB-BO

(5×10)

# SECTION - B Answer All the questions.

(OR)

What is difference between HTML and XML

What is a hyperlink? Write a Program in hyper What is CSS? Write Different types of CSS? b) a) (OR) 2. Explain different types properties in CSS? Write objects in java script? b) a) 3. (OR) What are the operators in java script? Write exception handling in java script? b) a) (OR) Write regular expressions in java script? b) What are Form validations in java script? a) 5. . (OR)

Write a java script program moving image

# 1226030

[Total No. of Printed Pages-2

# [CB-BC535/CB-BC547]

#### AT THE END OF FIFTH SEMESTER **DEGREE EXAMINATIONS**

#### **COMMERCE**

# **ELECTIVE - COMPUTER APPLICATIONS**

#### WEBTECHNOLOGY

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

(From The Admitted Batch of 2015-2016)

(CBCS PATTERN)

ne: 3 Hours

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions

- What are topologies? Write different topologies. 1.
- 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?

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# (2) [CB-BC535/CB.Bo

#### **SECTION - B**

Answer All the questions. (5×10 II What is difference between HTML and XM a) 1. (OR) What is a hyperlink? Write a Program in hyper b) What is CSS? Write Different types of CSS a) 2. (OR) Explain different types properties in CSS b) Write objects in java script? a) 3. (OR) What are the operators in java script? b) Write exception handling in java script? a) 4. (OR) Write regular expressions in java script? b) What are Form validations in java script? a) 5.

(OR)

b)

Write a java script program moving image

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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 WEB TECHNOLOGY

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

(From The Admitted Batch of 2015-2016)

(CBCS PATTERN)

ie: 3 Hours

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions

 $(5 \times 5 = 25)$ 

- 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

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[CB-BC535/CB-] (2)

#### SECTION - B

Answer All the questions. What is difference between HTML and XMI THE END OF FIFTH SEMESTER (CBCS PATTERN) II a) 1. (OR) What is a hyperlink? Write a Program in hyperlink? b) What is CSS? Write Different types of CSS? a) 2. (OR) Explain different types properties in CSS b)

Write objects in java script? a) 3. . (OR)

What are the operators in java script? b)

Write exception handling in java script? a) · (OR)

Write regular expressions in java script? b)

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

(OR)

Write a java script program moving image b)

[Total No. of Printed Pages-3

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

**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.

 $(5 \times 5 = 25)$ 

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

II. Answer All the questions.

What are the draw backs of file, system? Explain. 9.

(OR)

- What are the advantages DBMS? Exh b)
- What is ER-modelling? Write advan 10. a) and disadvantages of ER-Modelling, e: 3 Hours

(OR)

- What is EER model? Explain generally b) and specialization.
- Explain about Codd's relational date a) 11. rules.

(OR)

- Explain in detail about relational algob)
- Explain DDL and DML commands in 6. 12. a) with syntax and example.

(OR)

Explain different types of Joins in § b) detail.

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

(5x10) 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)

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions.

 $(5 \times 5 = 25)$ 

- Explain various components of DBMS with neat diagram.
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- Explain set operators in SQL.
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What are the draw backs of file. system? Explain.

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What are the advantages DBMS? Expl b)

What is ER-modelling? Write advan 10. a) and disadvantages of ER-Modelling, le: 3 Hours

(OR)

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

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

(OR)

Explain in detail about relational alge b)

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

(OR)

Explain different types of Joins in § detail.

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

(5x10) 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)

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions.

 $(5 \times 5 = 25)$ 

Explain various components of DBMS with neat diagram.

Explain different types of relationships. 2.

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Explain set operators in SQL.

Explain various control structures in PL/SQL.

6. Explain the Database Architecture.

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

Explain various data types in PI/SQL.

Answer All the questions.

What are the draw backs of file system? Explain.

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What are the advantages DBMS? En b)

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#### (OR)

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

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

#### (OR)

Explain in detail about relational al b)

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

#### (OR)

Explain different types of Joins i 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)

Maximum: 75 Marks

#### **SECTION - A**

Answer any FIVE questions.

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- Explain set operators in SQL.
- Explain various control structures in PL/SQL.
- Explain the Database Architecture.
- 7. What is a key? Explain about various types of
- 8. Explain various data types in PI/SQL.

(2) [CB-BA521-A/CB-BS539-A/CB-bg

#### **SECTION - B**

II. Answer All the questions.

(5×10)

What are the draw backs of file. 9. system? Explain.

#### (OR)

- What are the advantages DBMS? Expl b)
- What is ER-modelling? Write advant 10. a) and disadvantages of ER-Modelling.

#### (OR)

- What is EER model? Explain generalize b) and specialization.
- Explain about Codd's relational data 11. a) rules.

#### (OR)

- Explain in detail about relational algebrash b)
- 12. a) Explain DDL and DML commands in with syntax and example.

#### (OR)

Explain different types of Joins in St detail.

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

13. a) Explain about procedures and functions in

#### (OR)

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

- (3) [CB-BA521-A/CB-BS539-A/CB-BS525-A]
- 13. a) Explain about procedures and functions in PI/SQL.

(OR)

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

# (3) ICE-PYLLI-PCE-BREIS-PCE-BREIS-VI

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

(OR)

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

- (3) [CB-BA521-A/CB-BS539-A/CB-BS525-A]
- 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.

 $(5 \times 5 = 25)$ 

- 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.

Answer ALL the questions.

 $(5 \times 10 = 50)$ 

Explain objectives and functions of operating system.

(OR)

Explain about various types of operatin b) systems.

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

(OR)

Write about scheduling algorithms. b)

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

(OR)

What is Process Synchronization? Expla Critical section problem.

Write about Continguous memory allocation 12. a) (OR)

Explain about paging concept. b)

Describe the file allocation methods. 13. a)

(OR)

Discuss about Disk Scheduling algorithm

# [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.

 $(5 \times 5 = 25)$ 

- 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.
- Explain the merits of software quality. 6.
- Explain about problems and solutions of 7. requirements.
- Explain function-oriented design. 8.

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

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# SECTION-B

Answer All the questions.

(5×10≈5

Explain about Agile process model, Al explain its merits and limitations. 9.

(OR)

Explain about system development life cyc b)

What is requirement engineering? Expla 10. a) various Requirement engineering tasks. Fime: 3 Hours

(OR)

Explain about software requirements analys b)

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

(OR)

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

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

(OR)

Explain Human factors and Human compl b) interface 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)) (From The Admitted Batch of 2015-2016)

Maximum: 75 Marks

#### **SECTION - A**

Answer any Five questions.

 $(5 \times 5 = 25)$ 

- Briefly explain about linear sequential model. 1.
- 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.

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# SECTION-B

(5×10=5

Answer All the questions. Explain about Agile process model. Al II.

explain its merits and limitations.

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Explain about system development life cyc b)

What is requirement engineering? Expli various Requirement engineering tasks. Time: 3 Hours 10. a)

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

(OR)

What is coupling? Explain various types b) coupling.

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

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Explain Human factors and Human comp b) interface 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)) (From The Admitted Batch of 2015-2016)

Maximum: 75 Marks

#### SECTION - A

Answer any Five questions.

 $(5 \times 5 = 25)$ 

- Briefly explain about linear sequential model. 1.
- Explain requirement elicitation and analysis. 2.
- Explain various decomposition techniques. 3.
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- Explain about software quality merits. 5.
- Explain the merits of software quality. 6.
- Explain about problems and solutions of 7. requirements.
- 8. Explain function-oriented design.

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II.

(5×10=

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(OR)

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What is requirement engineering? Expl various Requirement engineering tasks. Time: 3 Hours 10. a)

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

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- What is coupling? Explain various type b) coupling.
- What are the steps used in user inter 12. a) analysis? Write about user interface des models and design process.

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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)

Maximum: 75 Marks

#### SECTION - A

Answer any Five questions.

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- Briefly explain about linear sequential model. 1.
- 2. Explain requirement elicitation and analysis.
- Explain various decomposition techniques. 3.
- 4. How a user interface design is evaluates?
- 5. Explain about software quality merits.
- 6. Explain the merits of software quality.
- Explain about problems and solutions of 7. requirements.
- 8. Explain function-oriented design.

(2) [CB-BA521-B/CB-BS539-B/CB-BS52t

# SECTION-B

(5×10=5)

Answer All the questions. Explain about Agile process model. Al

explain its merits and limitations. 9.

(OR)

Explain about system development life cyc

What is requirement engineering? Expla b) various Requirement engineering tasks. Time: 3 Hours 10. a)

(OR)

Explain about software requirements analys b)

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

(OR)

What is coupling? Explain various types coupling.

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

(OR)

Explain Human factors and Human compl b) interface 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)) (From The Admitted Batch of 2015-2016)

Maximum: 75 Marks

**SECTION - A** 

Answer any Five questions.

 $(5 \times 5 = 25)$ 

Briefly explain about linear sequential model. 1.

Explain requirement elicitation and analysis. 2.

Explain various decomposition techniques. 3.

How a user interface design is evaluates? 4.

Explain about software quality merits. 5. Explain the merits of software quality. 6.

Explain about problems and solutions of 7. requirements.

Explain function-oriented design. 8.

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

#### **SECTION-B**

Answer All the questions.

П.

(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? Explait various Requirement engineering tasks.

(OR)

- b) Explain about software requirements analysis
- 11. a) What is software architecture? Why it is software architecture?

. (OR)

- b) What is coupling? Explain various types coupling.
- 12. a) What are the steps used in user interfact analysis? Write about user interface design models and design process.

(OR)

b) Explain Human factors and Human compute interface Design.

[Total No. of Printed Pages-3

[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.

 $(5 \times 5 = 25)$ 

- 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) [CB-BA521-B/CB-BS539-B/CB-BS535]

## SECTION-B

II. Answer All the questions.

(5×10≥50

9. a) Explain about Agile process model. Als 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 important? Explain structural partitioning.

#### (OR)

b) What is coupling? Explain various types coupling.

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

#### (OR)

b) Explain Human factors and Human compute interface 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)) (From The Admitted Batch of 2015-2016)

Time: 3 Hours

Maximum: 75 Marks

#### SECTION - A

Answer any Five questions.

 $(5 \times 5 = 25)$ 

- 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.

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[Turn over

### SECTION-B

Answer All the questions.

(5×10≈5)

Explain about Agile process model. Al explain its merits and limitations.

(OR)

Explain about system development life cycl b)

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

(OR)

Explain about software requirements analys b)

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

(OR)

What is coupling? Explain various types b) coupling.

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

(OR)

Explain Human factors and Human comput b) interface Design.

[Total No. of Printed Pages-3 [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.

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- Briefly explain about linear sequential model. 1.
- Explain requirement elicitation and analysis. 2.
- Explain various decomposition techniques. 3.
- How a user interface design is evaluates? 4.
- Explain about software quality merits. 5.
- Explain the merits of software quality. 6.
- Explain about problems and solutions of 7. requirements.
- 8. Explain function-oriented design.

15,000

Turn over

#### SECTION-B

Answer All the questions.

П.

(5×10≈50

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

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

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b) What is coupling? Explain various types coupling.

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

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b) Explain Human factors and Human comput interface 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))
(From The Admitted Batch of 2015-2016)

Time: 3 Hours

Maximum: 75 Marks

[Total No. of Printed Pages-3

#### **SECTION - A**

Answer any Five questions.

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1. Briefly explain about linear sequential model.

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[Turn over

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

#### **SECTION-B**

II. Answer All the questions.

(5×10≈50)

Explain about Agile process model. Als 9. explain its merits and limitations.

(OR)

- Explain about system development life cycle b)
- What is requirement engineering? Explain 10. a) various Requirement engineering tasks.

(OR)

- Explain about software requirements analysi b)
- What is software architecture? Why it is s 11. a) important? Explain structural partitioning.

(OR)

- What is coupling? Explain various types b) coupling.
- 12. a) What are the steps used in user interface analysis? Write about user interface design models and design process.

(OR)

Explain Human factors and Human comput b) interface Design.

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

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

(OR)

Explain Black Box and White Box testing. b)

- (3) [CB-BA521-B/CB-BS539-B/CB-BS525-B]
- 13. a) Explain software reverse and Re-engineering.

  (OR)
  - b) Explain Black Box and White Box testing.

- (3) [CB-BA521-B/CB-BS539-B/CB-BS525-B]
- 13. a) Explain software reverse and Re-engineering.
  (OR)
  - b) Explain Black Box and White Box testing.

- (3) [CB-BA521-B/CB-BS539-B/CB-BS525-B]
- 13. a) Explain software reverse and Re-engineering.
  (OR)
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- (3) [CB-BA521-B/CB-BS539-B/CB-BS525-B]
- 13. a) Explain software reverse and Re-engineering.
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- 13. a) Explain software reverse and Re-engineering.
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