

D-8067

Sub. Code

**11A/13711/
0111/0311A**

DISTANCE EDUCATION

**Common for B.A./B.Sc./B.B.A./B.B.A. (Banking)/B.C.A/M.B.A.
(5 Year Integrated) DEGREE EXAMINATION, MAY 2025.**

First Semester

Part I — TAMIL PAPER — I

**(CBCS 2018 – 2019 Academic Year Onwards/2021 Calender
Year Onwards)**

Time : Three hours

Maximum : 75 marks

பகுதி அ — (10 × 2 = 20 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் விடையளி.

1. கண்ணதாசன் எழுதிய நூல்கள் யாவை?
2. பட்டுக்கோட்டை கல்யாண சுந்தரம்-குறிப்பு வரைக.
3. பாரத மாதா திருப்பள்ளி எழுச்சி கவிதையின் கரு யாது?
4. 'நோயற்ற வாழ்வு' கவிதையின் நோக்கம் என்ன?
5. சர்ப்பயாகம் கவிதையை எழுதியவர் யார்?
6. சிலப்பதிகாரம் உணர்த்தும் மூன்று உண்மைகள் யாது?
7. சிலப்பதிகாரத்தின் முதன்மைக் கதை மாந்தர் யாவர்?
8. கம்பராமாயணம்-நூல் குறிப்பு வரைக.
9. சீறாப்புராணம்-நூல் சிறப்பு யாது?
10. தேம்பாவணி-விளக்கம் தருக.

பகுதி ஆ — ($5 \times 5 = 25$ மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடை தருக.

11. (அ) கண்ணனின் சிறப்புகளை கண்ணதாசனின் பாடல் வழி விளக்குக.

(அல்லது)

(ஆ) தொழிலின் மேன்மையினைப் பட்டுக்கோட்டையார் பாடல் உணர்த்தும் கருத்தினை எழுதுக.

12. (அ) உலகப்பன் பாடல் உணர்த்தும் கருத்தினை விளக்குக.

(அல்லது)

(ஆ) தோழர் மோசிகீரனார் கவிதை வழி அறியப்படும் கருத்தினை எழுதுக.

13. (அ) சிலப்பதிகாரம்-நூலின் சிறப்புகள் யாவை?

(அல்லது)

(ஆ) கம்பராமாயணம்-நூல் குறிப்பு வரைக.

14. (அ) சீறாப்புராணம்-நூலின் மேன்மையினை எழுதுக.

(அல்லது)

(ஆ) கண்ணகியின் வழக்குத்திறனை எழுதுக.

15. (அ) வீரமாமுனிவரின் தமிழ்ப்பணி யாது?

(அல்லது)

(ஆ) நபிகள் நாயகத்தின் மேன்மைகளைச் சுட்டுக.

பகுதி இ — ($3 \times 10 = 30$ மதிப்பெண்கள்)

எவையேனும் மூன்றனுக்கு கட்டுரை வடிவில் விடையளி.

16. பாரதமாத திருப்பள்ளி எழுச்சி பாடல் உணர்த்தும் கருத்தினை தொகுத்துரைக்க.
 17. வல்லிக் கண்ணனின் 'வெறும் புகழ்' கவிதை வழி அறியலாகும் செய்திகளைக் கட்டுரைக்க.
 18. வழக்குரை காதை வழி அறியப்படும் கருத்தினை விவரி.
 19. ஈத்தங்குலை வரவழைத்த படலம் கூறும் நபிகளின் மாண்பினைப் புலப்படுத்துக.
 20. தேம்பாவணி காட்சிப் படலம் உணர்த்தும் செய்திகளை கட்டுரை வடிவில் தருக.
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D-8068

Sub. Code

11B/0311B

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.B.A./
B.B.A.(Banking)/B.C.A./M.B.A.(5 Years Integrated) DEGREE
EXAMINATION, MAY 2025.**

First Semester

Part – I : COMMUNICATION SKILLS - I

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define communication.
2. State any two principles of effective communication.
3. Explain interpersonal communication.
4. Give an example for rising intonation.
5. Give two examples for a compound sentence.
6. Define “Topic sentence”.
7. Mention different types of report.
8. Give some examples for written communication.
9. Explain the importance of body language.
10. What is the objective of GD?

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) What are the advantages of group discussion?

Or

- (b) Explain the procedure involved in preparing a report.

12. (a) Mention some characteristics of an effective sentence.

Or

- (b) Write a paragraph on “My Dream”.

13. (a) Discuss different forms of oral communication.

Or

- (b) Prepare a report on the inauguration of library in your locality.

14. (a) Mention the steps involved in writing an essay.

Or

- (b) How will you participate in a group discussion?

15. (a) Explain the purpose of meetings.

Or

- (b) Explain the steps involved in preparing curriculum vitae.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Prepare an application for the post of Assistant Professor of English in a reputed college. Attach your curriculum vitae.
 17. Prepare a GD on the topic “Merits and Demerits of cashless economy”.
 18. Draft an essay on “Impact of Social Networking sites”.
 19. Describe non-verbal communication with examples.
 20. Discuss the various steps involved in preparing a speech.
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D-8069

Sub. Code

12/13712/ 0112/0312

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.B.A./B.B.A. (Banking)/
B.C.A./M.B.A. (5 Year Integrated) DEGREE EXAMINATION,
MAY 2025.**

First Semester

Part II — ENGLISH PAPER - I

**(CBCS 2018 – 2019 Academic Year Onwards/
2021 Calendar Years Onwards)**

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. How does water help in the formation of fertile lands?
2. Why did Mrs. Packletide wish to kill a tiger?
3. Write a short note on “The Cats” being a persuasive essay.
4. Brief a note on the concept of “Survival of the fittest”.
5. Which period was considered the most fruitful years of Mahatma’s life in Africa?
6. List some of the cheapest energy sources as pointed out by J.B.S. Haldane.
7. What is an indefinite article?
8. What is an exclamatory sentence?

9. What is meant by developing hints?
10. Name the different elements of a paragraph.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) How does C.V. Raman show that water is the real elixir of life?

Or

- (b) What are some of the character traits of Mrs. Packletide?

12. (a) What did Gandhi do in his probation year in India?

Or

- (b) "Haldane agrees and disagrees with the proposition that man is a machine" - Discuss briefly.

13. (a) Why are people often not able to see the harmful effects of drugs?

Or

- (b) Briefly discuss the defects of modern civilization as per Joad.

14. (a) Briefly discuss "Modals".

Or

- (b) What are the rules applied to transformation of sentences when a change in the degree is required?

15. (a) Enumerate on the different types of paragraph.

Or

- (b) Explain the brevity in letter writing.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Bring out the significance of water according to Sir. C.V. Raman.
 17. Explain the social and cultural values of the time in Saki's "Mrs. Packletide's Tiger".
 18. Evolution is a process. Do you agree? Give reasons.
 19. Explain the uses of different types of prepositions with examples.
 20. Discuss the paragraph writing process in detail.
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D-8186

Sub. Code

13013

DISTANCE EDUCATION

**B.Sc.(Computer Science) DEGREE EXAMINATION,
MAY 2025.**

First Semester

PROGRAMMING IN C

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What are the basic types of constants?
2. What is bitwise operator?
3. Give the use of `getchar()` and `putchar()` functions.
4. What is meant by nested loop? Give example.
5. Define multi dimension Array.
6. How pass by reference is used in function?
7. What does `*` and `&` indicates in pointer?
8. Define structure.
9. List out the various modes of file can be opened.
10. What are the purpose of `feof()` function?

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Explain keywords, identifier and constant with example.

Or

- (b) Describe the basic structure of c program.

12. (a) What is the purpose of scanf() and printf() function?

Or

- (b) Explain the for loop structure with example.

13. (a) How to declare and initialize Array in C?

Or

- (b) Discuss any two string handling functions.

14. (a) Explain how pointer variable are initialized.

Or

- (b) Explain the following :

(i) getc()

(ii) putc()

(iii) getw()

(iv) putw()

15. (a) Explain the I/O operations on file.

Or

- (b) Describe error handling during I/O operations.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Classify the various operators in C.
 17. Explain the various conditional statements in C.
 18. Describe the different types of argument passing.
 19. Explain the following :
 - (a) Array of pointer
 - (b) Pointer to pointer.
 20. Explain how opening and closing of files in C.
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D-8070

Sub. Code

21A/0321A

DISTANCE EDUCATION

COMMON FOR B.A./B.Sc./B.B.A./B.B.A.

**(Banking)/B.C.A./M.B.A. (5 Year Integrated) DEGREE
EXAMINATION, MAY 2025.**

Second Semester

Part I — TAMIL PAPER – II

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

பகுதி அ — (10 × 2 = 20 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் ஒரேரு வரிகளில் விடையளி.

1. தேம்பாவணி – குறிப்பு வரைக.
2. வீரமாமுனிவர் இயற்பெயர் என்ன?
3. சிறுகதை என்றால் என்ன?
4. 'கம்பன் புறத்திணை' நூலின் ஆசிரியர் யார்?
5. முதலெழுத்துகள் யாவை?
6. மொழிக்கு முதலில் வரும் மெய்யெழுத்துகள் யாவை?
7. அஃறிணைக்குரிய பால்களின் பெயரினை எழுதுக.
8. வினா வகைகள் யாவை?
9. தமிழில் தோன்றிய முதல் சிறுகதை யாது?
10. திருமுறை என்றால் என்ன? அவை எத்தனை?

பகுதி ஆ — ($5 \times 5 = 25$ மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடை தருக.

11. (அ) தேம்பாவணி காட்சிப் படலம் உணர்த்தும் கருத்தினைச் சுட்டுக.

(அல்லது)

(ஆ) தேம்பாவணி நூலின் சிறப்புகளைப் பட்டியலிடுக.

12. (அ) 'வானவீதியில்' கதையின் போக்கினை எழுதுக.

(அல்லது)

(ஆ) மொழி முதலெழுத்துகள் பற்றி விளக்குக.

13. (அ) விடை என்றால் என்ன? அதன் வகைகளை விளக்குக.

(அல்லது)

(ஆ) திணை குறித்தும் அதன் வகைகள் பற்றியும் எழுதுக.

14. (அ) ஆகுபெயர் குறித்து எழுதுக.

(அல்லது)

(ஆ) மரபு கவிதை கவிஞர்களின் பணிகள் குறித்து எழுதுக.

15. (அ) புதினம் என்றால் என்ன? அதன் வகைகள் குறித்து எழுதுக.

(அல்லது)

(ஆ) பெரியபுராணம் நூலின் சிறப்புகளை எழுதுக.

பகுதி இ — ($3 \times 10 = 30$ மதிப்பெண்கள்)

எவையேனும் மூன்று வினாக்களுக்கு கட்டுரை வடிவில் விடை தருக.

16. தேம்பாணி பாடல்கள் வழி அறியலாகும் கருத்துக்களை தொகுத்துரைக்க.

17. கம்பன் புறத்திணை நூல் உணர்த்தும் செய்தியினை கட்டுரைக்க.

18. ஒற்றெழுத்து மிகலும் மிகாமையும் குறித்து வரைக.
 19. புதுக்கவிதையின் தோற்றம் வளர்ச்சி குறித்து கட்டுரை வரைக.
 20. கிறித்துவர்கள் தமிழுக்கு ஆற்றிய தொண்டினை தொகுத்துரைக்க.
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D-8071

Sub. Code

21B/0321B

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.B.A./ B.B.A. (Banking)/
B.C.A./M.B.A. (5 Years Integrated) DEGREE EXAMINATION,
MAY 2025.**

Second Semester

Part I — COMMUNICATION SKILLS - II

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Why is feedback an important part of communication?
2. Name the various methods used for communication.
3. Why is focus on target group important in communication?
4. Write a short note on word power.
5. What are the different types of soft skills?
6. Write a short note on idioms and phrases.
7. What are business presentations?
8. What is publishing?

9. Mention the essentials of a good resume.
10. Write a short note on newsletters.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) List the skills required in oral and written communication.

Or

- (b) Analyze the effectiveness of oral communication.

12. (a) What are the essential guidelines for effective speaking?

Or

- (b) Explain the two approaches used for teaching pronunciation with examples.

13. (a) Analyze the significance of language.

Or

- (b) What are the guidelines for effective presentation?

14. (a) Describe technical writing process.

Or

- (b) Explain the guidelines for conducting effective interviews.

15. (a) Discuss self-evaluation of creative writing.

Or

- (b) Discuss the advantages and disadvantages of press releases.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain the stimulus and response mechanism in communication with examples.
 17. Discuss various stages involved in the process of making presentations.
 18. Discuss the advantages of written communication over oral communication.
 19. Describe the format, characteristics and types of proposals.
 20. Analyze the significance of phonetics and pronunciation in professional communication.
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D-8072

Sub. Code

22/13722/ 0122/0322

DISTANCE EDUCATION

COMMON FOR

**B.A./B.Sc./B.B.A./B.B.A.(Banking)/B.C.A./M.B.A.(5 Year
Integrated) DEGREE EXAMINATION, MAY 2025.**

Second Semester

Part II — ENGLISH PAPER - II

**(CBCS 2018 – 2019 Academic Year Onwards/
2021 Calendar Year onwards)**

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. How does Wordsworth look upon the sun in 'Upon Westminster Bridge'?
2. What does the speaker refer to the urn?
3. What do the two roads represent in 'The Road not Taken'?
4. Who are the persons between whom the strange meeting takes place?
5. In what sense are the fishermen 'The sons of the sea'?
6. Where does the train reach at night?
7. Why did Shylock hate Antonio?
8. What was the condition in the will of Portia's father?

9. What happens to the property of shylock at the end?
10. Mention the characteristics of good notes.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL the questions, choosing either (a) or (b).

11. (a) Describe the mood and tone of Shakespeare's 'Sonnet XVIII'.

Or

- (b) How does Wordsworth describe London's beauty from 'Upon Westminster Bridge'?

12. (a) Draft the character of Andrea del Santo.

Or

- (b) How does Robert Frost feel about his decision at the end in 'The Road not Taken'?

13. (a) Bring out the significance of the title of the poem, 'Where the Mind is Without Fear'.

Or

- (b) How does Sarojini Naidu bring out the adventurous spirit of the fishermen's lives?

14. (a) Write a note on Antonio's friendship.

Or

- (b) Write a note on The Prince of Morocco.

15. (a) Write a paragraph on the following topic : Pleasure of writing.

Or

- (b) Write a report for The School Magazine.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write a critical appreciation of the poem, 'Ode on a Grecian Urn'.
17. Discuss - how does Owen portray death in his poem 'Strange meeting'.
18. Provide a critical analysis of Stephen Spender's 'The Express'.
19. Justify 'The Merchant of Venice' as a romantic comedy.
20. Read the passages and answer the questions given below:

To avoid the various foolish opinions to which mankind is prone, no superhuman genius is required.

A few simple rules will keep you out from silly error. If the matter is one that can be selected by observation, make the observation yourself. Aristotle could have avoided the mistake of thinking that women have fewer teeth than men, by the simple device of asking Mrs. Aristotle to keep her mouth open while he counted. He did not do so because he thought he knew. Thinking that you know when in fact you don't is a fatal mistake, to which we are all prone. I believe myself that hedgehogs eat black beetles, because I have been told that they do; but if were writing a book on the habits of hedgehogs, I should not commit myself until I had seen one enjoying this unappetizing diet. Aristotle, however, was less cautious. Ancient and medieval authors knew all about unicorns and salamanders; not one of them thought it necessary to avoid dogmatic statements about them because he had never seen one of them.

Questions :

- (a) What was the foolish opinion Aristotle had regarding women?
 - (b) What could he have done to avoid this foolish opinion?
 - (c) Why didn't Aristotle try to do that?
 - (d) What were the mistakes committed by Ancient writers while they wrote about unicorns?
 - (e) What would the writer do if he were to write a book on Hedgehogs? Why does he say so?
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D-8187

Sub. Code

13023

DISTANCE EDUCATION

**B.Sc.(Computer Science) DEGREE EXAMINATION,
MAY 2025.**

Second Semester

OBJECT ORIENTED PROGRAMMING AND C++

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is meant by encapsulation?
2. Define object.
3. Define class. Give its syntax.
4. How can you access member function?
5. What do you meant by array of object?
6. Define inheritance.
7. Why virtual function is needed?
8. List out the benefits of class template.
9. Write short note on exception.
10. How do you handle exception in inheritance tree?

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) What are the features of object oriented programming?

Or

- (b) Describe unformatted I/O operations.

12. (a) Explain the different ways to define member functions of a class.

Or

- (b) Discuss about copy constructors.

13. (a) How the OOPs supports multiple inheritance? Explain.

Or

- (b) Narrate pure virtual functions with suitable example.

14. (a) Explain briefly class templates with multiple arguments.

Or

- (b) Describe the concept of sequential access to a file.

15. (a) List out the mechanisms to handle an exception.

Or

- (b) Explain short note on function templates.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Discuss in detail about the basic concepts of OOP.
 17. Explain about *call by reference* and *return by reference*.
 18. Narrate about binary operator overloading.
 19. Describe the class templates with multiple arguments.
 20. Why do we need Exception Handling in C++? Explain.
-

D-8073

Sub. Code

**31A/13731/
0131**

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
MAY 2025.**

Third Semester

Part I : TAMIL PAPER – III

**(CBCS 2018 – 2019 Academic Year Onwards/2021 Calendar
Year Onwards)**

Time : Three hours

Maximum : 75 marks

பகுதி அ — ($10 \times 2 = 20$ மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் விடையளிக்க.

1. பத்துப்பாட்டிலுள்ள புற இலக்கியங்களைச் சுட்டுக.
2. வாய்ப்புள் - பொருள் தருக.
3. ஐங்குறுநூற்றின் பாலைத்திணைப் பாடல்களைப் பாடியவர்?
4. மஞ்ஞைப் பத்து - சிறு குறிப்பு வரைக.
5. குறுந்தொகையில் எத்தனைப் பாடல்கள் உள்ளன?
6. நற்றிணையின் கடவுள் வாழ்த்தைப் பாடியவர்?
7. பாடாணித்திணை என்றால் என்ன?
8. 'நெடுந்தொகை' என்று கூறப்படும் சங்க நூல்?

9. பழமொழிநானூற்றின் ஆசிரியர் யார்?
10. இராசராசனின் தமக்கை பெயரைக் கூறுக.

பகுதி ஆ — ($5 \times 5 = 25$ மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடை தருக.

11. (அ) ஐங்குறுநூற்றின் அமைப்பு முறையை உணர்த்துக.
(அல்லது)
(ஆ) பரணரின் புலமைத்திறத்தைச் சான்றுகள் தந்து விவரிக்க.
12. (அ) குறிஞ்சித்திணைக்குரிய முப்பொருட்களைப் பட்டியலிடுக.
(அல்லது)
(ஆ) வரைவு நீடித்த வழித் தலைவி தோழிக்குரைத்த குறுந்தொகைப் பாடலை விளக்குக.
13. (அ) பருவம் கண்டு வருந்திய தலைவியின் புலம்பலை நற்றிணை வழி விவரிக்க.
(அல்லது)
(ஆ) அகநானூற்றின் நூல் பகுப்பை விளக்கி வரைக.
14. (அ) அறிவுடைமை குறித்த வள்ளுவரின் கருத்துக்களைத் தொகுத்துரைக்க.
(அல்லது)
(ஆ) நல்லோர் பிறக்கும் குடியை விளம்பிநாகனார் எங்ஙனம் பாடுகிறார்?
15. (அ) நாடகக் கதைப் கோப்பைச் சான்றுகளுடன் விளக்குக.
(அல்லது)
(ஆ) சுவடுகள் நாவலின் கதைச்சுருக்கத்தை எழுதுக.

பகுதி இ — ($3 \times 10 = 30$ மதிப்பெண்கள்)

பின்வரும் வினாக்களில் மூன்றனுக்குக் கட்டுரை வடிவில் விடை தருக.

16. தலைவியின் துயரை முல்லைப்பாட்டு வழிப் புலப்படுத்துக.
 17. நற்றிணையிலுள்ள மணியான கருத்துக்களைத் தொகுத்துரைக்க.
 18. புறநானூற்றின் சிறப்புகளை நும் பாடப் பகுதியால் எடுத்துரைக்க.
 19. இராசராசசோழன் நாடகத்தில் கையாளப்பட்டுள்ள உத்திகளைக் கட்டுரைக்க.
 20. சுவடுகள் நாவலின் பாத்திரப் படைப்பை விரித்துரைக்க.
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D-8074

Sub. Code

31B

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
MAY 2025.**

Third Semester

Part - I : HUMAN SKILLS DEVELOPMENT - I

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define human skills.
2. What is an interpersonal relationship?
3. Write the benefits of personality development.
4. What do you mean by self-esteem?
5. Mention any four negotiating skills.
6. What is a decision-making skills?
7. Name the types of attitudes.
8. What is a leadership skill?
9. Give some examples for human relation skills.
10. What is anger management?

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Write a paragraph on human skills.

Or

- (b) Write a short note on interpersonal skills.

12. (a) Describe why thinking is important.

Or

- (b) Give some tips for personality development.

13. (a) Describe the different types of goal setting skills.

Or

- (b) Explain what are the steps used in decision making.

14. (a) Narrate the characteristics of attitudes.

Or

- (b) Write a paragraph on common leadership styles.

15. (a) Describe benefits of human relations skills.

Or

- (b) Highlight the techniques of stress management skills.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Elucidate mind and its functions.
 17. Elaborate self-concept and self-esteem in your own words.
 18. Write an essay on negotiating skills.
 19. Sum up the characteristics and importance of change.
 20. Summarize the styles and strategies of conflict management.
-

D-8075

Sub. Code

32/13732/0132

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
MAY 2025.**

Third Semester

PART - II : ENGLISH PAPER - III

**(CBCS 2018 – 2019 Academic Year Onwards/CBCS 2021
Calendar Year onwards)**

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Why did Swami's father want him to sleep alone?
2. Where was St. Peter's church located?
3. What did Natalya say about Guess?
4. How does uncle James threaten Philip?
5. How was Eddie Killed?
6. Where does the play "The Pie and the Tart" take place?
7. Who is Mark Tallis in "Reunion"?
8. Name the children of Sen Gupta in "The Refugee".
9. Define Pronoun with example.
10. State the importance of Minutes.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Sketch the character of Mrs. Loisel in “The Diamond Necklace”.

Or

- (b) How did the verger treat his gowns?

12. (a) Describe the episode of the breakfast in “The Boy Comes Home”.

Or

- (b) What are Mrs. Meldon’s views about war?

13. (a) Compare and contrast the characters of Jean and Pierrie in “The Pie and the Tart”.

Or

- (b) Explain the significance of the title “Reunion”.

14. (a) Explore the themes of “A Kind of Justice”.

Or

- (b) Briefly analyse the role of Yassin in “The Refugee”.

15. (a) Frame sentences with the following adverbs.

- (i) Carefully
- (ii) Never
- (iii) Always
- (iv) Unfortunately
- (v) Well.

Or

- (b) Describe one of your happiest memories in a paragraph.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Narrate how a coward boy Swami became a hero overnight.
 17. How is loneliness depicted in “The Postmaster”?
 18. Describe the character of Mrs. Pryde in “The Silver Idol”.
 19. Enumerate the types of noun with examples.
 20. As the Manager of a Nature Park, write a notice in about 50 words prohibiting visitors from consuming any food items or beverages in the premises and warning them against littering.
-

D-8188

Sub. Code

13033/13233

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(Lateral Entry) DEGREE
EXAMINATION, MAY 2025.**

Third Semester

DATA STRUCTURES AND ALGORITHMS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 2 = 20$ marks)

Answer ALL the questions.

1. State the purpose of array initialization.
2. Define “space complexity”.
3. Define stack.
4. What is the difference between queue and stack?
5. What is “leaf node” in a binary tree?
6. Define “collision” in hashing.
7. What is the best case time complexity of binary search?
8. Comment on binary search.
9. What is the role of the “pivot” element in Quick sort?
10. Define radix sorting.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Describe the characteristics of one-dimensional array.

Or

- (b) Describe the basic steps involved in analyzing the time complexity of an algorithm.

12. (a) Write a short note on circular queue.

Or

- (b) Explain the difference between singly linked list and doubly linked list.

13. (a) Explain the three main ways to traverse a binary tree.

Or

- (b) Write pseudocode to find the minimum value in binary search tree.

14. (a) Compare the space complexity of linear search.

Or

- (b) Elaborate note on binary search.

15. (a) Describe the selection sort algorithm in detail.

Or

- (b) Illustrate the general steps taken to sort a list of numbers using tree sort.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain in detail the Big O notation.
 17. Describe the different types of linked lists.
 18. Discuss about different types of binary trees with examples.
 19. Explain the difference between searching in sorted and unsorted array.
 20. Elucidate the partitioning process in quick sort.
-

D-8076

Sub. Code

**41A/13741/
0141**

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
MAY 2025.**

Fourth Semester

Part I : TAMIL PAPER - IV

**(CBCS 2018 – 2019 Academic Year Onwards/ 2021
Calendar Year onwards)**

Time : Three hours

Maximum : 75 marks

பகுதி அ — (10 × 2 = 20 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் ஓரிரு வரிகளில் விடை தருக.

1. அசை எத்தனை வகைப்படும்? அவை யாவை?
2. சிந்து என்றால் என்ன?
3. முல்லைக்குரிய பெரும்பொழுது யாது?
4. புறப்பொருள் எத்தனை வகைப்படும்?
5. தற்குறிப்பேற்றம் என்றால் என்ன?
6. பிறிது மொழிதல் என்றால் என்ன?
7. தொல்காப்பியத்தின் ஆசிரியர் யார்?
8. பதினென் கீழ்கணக்கில் அறநூல்கள் எத்தனை? இரண்டினைக் கூறு.
9. சங்க இலக்கியத்தில் அகமும், புறமும் கலந்த நூல்கள் எத்தனை? அவை யாவை?
10. தளை எத்தனை வகைப்படும்?

பகுதி ஆ — ($5 \times 5 = 25$ மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் ஒரு பக்க அளவில் விடை தருக.

11. (அ) சீர் குறித்து எழுதுக.

(அல்லது)

(ஆ) வஞ்சிப்பா குறித்து எழுதுக.

12. (அ) அறத்தொடு நின்றல் குறித்து விளக்குக.

(அல்லது)

(ஆ) செவியறிவுறாஉ - விளக்குக.

13. (அ) உருவ அணியைச் சான்றுடன் விளக்குக.

(அல்லது)

(ஆ) சிலேடை அணியைச் சான்றுடன் விளக்குக.

14. (அ) எட்டுத்தொகை குறித்து எழுதுக.

(அல்லது)

(ஆ) பெரியபுராணம் குறித்து எழுதுக.

15. (அ) கம்பராமாயணம் குறித்து எழுதுக.

(அல்லது)

(ஆ) பாண்டியன் பரிசு குறித்து கட்டுரை வரைக.

பகுதி இ — ($3 \times 10 = 30$ மதிப்பெண்கள்)

எவையேனும் மூன்றனுக்கு மட்டும் கட்டுரை வடிவில் விடை தருக.

16. பாவகைகளுள் வெண்பா பெறுமிடம் குறித்து விவரி.

17. ஐந்திணைக்குரிய கருப்பொருட்கள் குறித்து கட்டுரை வரைக.

18. உவமை அணி குறித்து ஒரு கட்டுரை வரைக.
19. ஐம்பெரும் காப்பியங்கள் குறித்து ஒரு கட்டுரை வரைக.
20. பாஞ்சாலி சபதத்தில் பாரதியார் கூறும் கருத்துக்களைத் தொகுத்துரைக்க.
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D-8077

Sub. Code

41B

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
MAY 2025.**

Fourth Semester

Part – I : HUMAN SKILLS DEVELOPMENT - II

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define Guidance.
2. What are human relational skills?
3. State the importance of conceptual skills.
4. What are the techniques of delivering a presentation?
5. Give two examples for technical skills.
6. How far will visionary quality be helpful to a leader?
7. What is the difference between community and society?
8. Why are understanding skills important?
9. How do you define a problem?
10. What are the benefits of cooperative learning skills?

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Distinguish between guidance and counselling.

Or

- (b) Illustrate the need and importance of managerial skills.

12. (a) Write short notes on technical skills.

Or

- (b) Mention the basic qualities of a leader.

13. (a) Enumerate the steps to be followed in planning for a presentation.

Or

- (b) Explain the nature of organization skills.

14. (a) List out the ways to maintain relationship with others.

Or

- (b) Briefly explain understanding skills.

15. (a) Why is problem solving an important skill?

Or

- (b) How does an individual become socially responsible?

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Write an essay on human relational skills.

17. Discuss the importance of conceptual skills.

18. How do you manage multiple tasks simultaneously?
 19. Comment on the major interactions between individuals and groups.
 20. Bring out the benefits of cooperative learning skills.
-

D-8078

Sub. Code

42/13742/0142

DISTANCE EDUCATION

**COMMON FOR B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
MAY 2025.**

Fourth Semester

Part - II : ENGLISH PAPER - IV

**(CBCS 2018 – 2019 Academic Year Onwards/2021 Calendar
Year Onwards)**

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. How did Lalajee show his gratitude to Jim Corbett?
2. What were the things that Eliza bought for the poor people in the hut?
3. Why does Alfred Doolittle want to meet Higgins?
4. Why did Swami go to the headmaster's room?
5. How is Shylock punished at the end of the play?
6. What does the lead casket contain?
7. When was Martin Luther king awarded the Nobel Prize?
8. Where did Toynbee meet Nehru for the first time?
9. Define clause.
10. What is a proverb?

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Compare and contrast the characters of Elisha and Efim.

Or

- (b) Narrate the experience of Klaas with the fairies.

12. (a) Examine the role of Mrs. Pearce in “Pygmalion”.

Or

- (b) What were the reasons behind Swami’s argument with Ebenezer?

13. (a) Why does Shylock demand Antonio’s flesh instead of money?

Or

- (b) How did Friar help Juliet?

14. (a) Explain the hardships faced by Negroes in America.

Or

- (b) What was Nehru’s reaction when he saw the general?

15. (a) Fill in the blanks with correct question tags :

- (i) We are late for the movies, _____?
- (ii) Please stop talking, _____?
- (iii) Rani never acts so rudely, _____?
- (iv) John will come tonight, _____?
- (v) They don’t like Chinese food, _____?

Or

- (b) Write a letter to the principal requesting for bonafide certificate for scholarship.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Justify the title of Tolstoy's "Little Girls Wiser than Men".
 17. Explore the transformation of Eliza in Shaw's Pygmalion.
 18. How does Shakespeare treat death in "Romeo and Juliet"?
 19. How does Toynbee describe the characteristics of Nehru?
 20. Write an essay on concord.
-

D-8189

Sub. Code

13043/13243

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(Lateral Entry) DEGREE
EXAMINATION, MAY 2025.**

Fourth Semester

JAVA PROGRAMMING

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define the term “applet”.
2. Explain the relationship between Java and World Wide Web.
3. Difference between prefix and postfix increment operators.
4. Explain the use of default case in a switch statement.
5. Mention the purpose of extends keyword.
6. Write down the concept of new keyword.
7. Define RuntimeException.
8. What is use of join() method?
9. How do you fill a shape in Graphics class?
10. What is the use paint() method.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Summarize the key features of Java.

Or

- (b) Compare pass by value and pass by reference.

12. (a) Write a java program to print the numbers 1 to 10 using while loop.

Or

- (b) Explain the use of break and continue statements in loops.

13. (a) Describe the advantages of object oriented programming.

Or

- (b) Explain how interfaces are used to achieve multiple inheritances in Java.

14. (a) Give a brief note on exception handling.

Or

- (b) Describe the thread synchronization in java and its importance.

15. (a) Describe how to draw arcs and polygons using the Graphics class.

Or

- (b) Explain the following start() and init() methods.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain the simple Java program, from compilation to output with example.
 17. Illustrate the while-loop and do-while loop.
 18. Describe the different types of arrays and their usage.
 19. Elaborate on packages in Java with example program.
 20. Write a Java applet program to draw a various shapes, colors and text.
-

D-8190

Sub. Code

13051/13251

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(LE) DEGREE
EXAMINATION, MAY 2025.**

Fifth Semester

OPERATING SYSTEMS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Identify the goals of operating system.
2. What do you mean by process?
3. Name the two types of semaphores.
4. Comment on Mutex.
5. Define the term Deadlock.
6. Name the three types of processor scheduling.
7. Compare paging and segmentation.
8. What is page size in memory allocation?
9. Differentiate file vs database.
10. What is rotational latency?

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Describe the major components of an operating system and their functions.

Or

- (b) What are interrupts? Explain the different types of interrupts.

12. (a) Explain the operations of P (wait) and V (signal) on semaphores.

Or

- (b) How a monitor can be used to solve a synchronization problem? Discuss.

13. (a) Evaluate on Dijkstra's Banker's Algorithm with suitable example.

Or

- (b) Illustrate the methods for deadlock detection.

14. (a) Give a brief note on FIFO page replacement algorithm.

Or

- (b) Elaborate on fixed partition multiprogramming with neat diagram.

15. (a) Examine the concept of LOOK and C-LOOK disk scheduling algorithms.

Or

- (b) Elaborate on different mechanism for file access control.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain the role of Process Control Block (PCB) with neat diagram.
 17. Describe Peterson's algorithm for achieving mutual exclusion and its advantages.
 18. Compare and contrast preemptive and non-preemptive scheduling. Provide examples.
 19. Analyze the concept of memory management in an operating system.
 20. Discuss the role of free space management in file system.
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D-8191

Sub. Code

13052/13252

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(L.E.) DEGREE
EXAMINATION, MAY 2025.**

Fifth Semester

RELATIONAL DATABASE MANAGEMENT SYSTEMS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define data independence.
2. Identify two data models used in database systems.
3. Write the concept of a foreign key constraint.
4. What is meant by a tuple in a database?
5. Define the First Normal Form (1NF).
6. Explain the concept of an outer join in SQL.
7. Define serializability in the context of database systems.
8. Explain the log-based protocol.
9. What is called secondary index?
10. Write short note on heap files in the context of databases.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Explain the role of a database administrator.

Or

- (b) Briefly explain the structure and function of the storage manager.

12. (a) Explain about the different types of integrity constraints.

Or

- (b) Explain the concept of relational algebra with an example.

13. (a) Write short note on nested queries in SQL with example.

Or

- (b) Discuss the use of aggregate functions in SQL.

14. (a) Compare and contrast different concurrency control protocols.

Or

- (b) Describe the log-based recovery mechanism.

15. (a) Discuss the concept of indexing in databases.

Or

- (b) Explain various file organization methods used in databases.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Describe the architecture of a Database Management System (DBMS).
 17. Explain the different types of join operations with examples.
 18. Illustrate the complex integrity constraints in SQL with examples.
 19. Enumerate the ACID properties of transactions with examples.
 20. Describe hash-based indexing and explain how it works.
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D-8192

Sub. Code

13053/13253

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(LE) DEGREE
EXAMINATION, MAY 2025.**

Fifth Semester

COMPUTER ARCHITECTURE

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Expand MIPS.
2. What is meant by instruction set?
3. Mention the two types of branch predication techniques.
4. What is meant by hardware speculation?
5. Bring out the limitations of VLIW.
6. Comment on Itanium processor.
7. Define memory latency.
8. List out the three types of buses.
9. What is thread?
10. Define synchronization.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Explain the various principles of quantitative computer design.

Or

- (b) Classify the types of program flow control instructions.

12. (a) Elucidate dynamic scheduling.

Or

- (b) Discuss the limitations of ILP.

13. (a) Give a brief note on compiler techniques for exposing ILP.

Or

- (b) Differentiate hardware versus software speculation mechanisms.

14. (a) Examine the concept of reducing cache miss penalty techniques.

Or

- (b) Describe the designing of I/O system.

15. (a) Examine the concept of thread level parallelism.

Or

- (b) Discuss the performance and synchronization issues of multiprocessor.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain the types of instruction sets.
 17. Discuss about IP6 micro architecture.
 18. Describe the software approaches of ILP.
 19. Illustrate the types of storage devices.
 20. Explain the architecture of distributed shared memory with neat diagram.
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D-8193

Sub. Code

13061/13261

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(L.E.) DEGREE
EXAMINATION, MAY 2025.**

Sixth Semester

COMPUTER NETWORK

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — ($10 \times 2 = 20$ marks)

Answer ALL the questions.

1. Define LAN.
2. Explain the concept of a digital signal.
3. Write short note on error correction techniques.
4. What does CSMA stand for?
5. Mention the need of a routing algorithm.
6. What is called virtual circuit?
7. Comment on FTP.
8. What is process-to-process delivery?
9. Define cryptography.
10. What does AES stand for?

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) What are the types of transmission media?

Or

- (b) Compare analog signals and digital signals.

12. (a) Explain about stop and wait protocol.

Or

- (b) Differentiate between CSMA/CD and CSMA/CA.

13. (a) Write a short note on packet switching.

Or

- (b) Briefly explain congestion control.

14. (a) Write short note on TCP.

Or

- (b) Write about the HTTP.

15. (a) Write about encryption and decryption process.

Or

- (b) Explain asymmetric key cryptography.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Discuss the different network topologies with diagrams.
17. Illustrate ARQ mechanism, including Go-Back-N ARQ and Selective Repeat ARQ.

18. Discuss the distance vector routing algorithm.
 19. Explain the structure of DNS, including domains, subdomains, and name servers.
 20. Analyze the symmetric key cryptography with example.
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D-8194

Sub. Code

13062/13262

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(L.E) DEGREE
EXAMINATION, MAY 2025.**

Sixth Semester

VISUAL BASIC PROGRAMMING

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Give short note on the steps to start and exit in VB.
2. Narrate on making EXE file.
3. List out the data types in VB.
4. What is subroutine?
5. What is recursive function?
6. Define sub main procedure.
7. Comment on MDI form.
8. What is menu? Give an examples.
9. How do you access MS-Access file?
10. Define OLEDB.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Narrate on Event and Event driven procedures.

Or

- (b) Describe about printouts.

12. (a) Describe decision control structure.

Or

- (b) Explain briefly operators in VB.

13. (a) Write short notes on event handling.

Or

- (b) Discuss about control arrays.

14. (a) Elucidate the steps to be followed for creating menu.

Or

- (b) Explain shortly writing the VB code to add children to MDI parent.

15. (a) How do you connect the database and retrieve the RecordSet?

Or

- (b) Explain in detail about Parameterized Query.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain in detail about working with projects using tool box.
17. Elucidate the intrinsic VB controls List Box and combo Box with methods.

18. Explain in detail about working with multiple forms.
 19. Describe about the steps to add codes to menus with examples.
 20. Discuss about step by step procedure to convert DAO code to ADO.
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D-8195

Sub. Code

13063/13263

DISTANCE EDUCATION

**B.Sc.(Computer Science)/B.Sc.(CS)(L.E.) DEGREE
EXAMINATION, MAY 2025.**

Sixth Semester

SOFTWARE ENGINEERING

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. List out the three types of software myths.
2. Name the two types of evolutionary process model.
3. Write down the four types of requirement analysis.
4. How to create a behavioral model in software engineering?
5. What are the principles of good design?
6. Comment on interface design.
7. Define the term testing.
8. Identify the three metrics of software engineering.
9. What is the role of SQA?
10. Point out the components of risk monitoring.

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

11. (a) Classify the different types of software myths.

Or

- (b) Illustrate the various stages of CMMI.

12. (a) Describe the techniques used for validating requirements in software engineering.

Or

- (b) Explain the purpose of building analysis model in software engineering.

13. (a) Discuss the importance of design quality in software engineering.

Or

- (b) Give a brief note on Golden rules of user Interface design.

14. (a) Point out the main objectives of unit testing.

Or

- (b) Differentiate black box and white box testing.

15. (a) Write a note on Risk projection and refinement.

Or

- (b) Describe the concept of project in the context of risk management.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Examine the basic concept of incremental process models with neat diagram.
 17. Describe various steps involved in creating flow-oriented models. Provide examples.
 18. Illustrate the components of design model in software engineering.
 19. Discuss the techniques used in validation testing. Provide examples.
 20. Elaborate on different statistical techniques used in SSQA.
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