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 × 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.

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பகுதி இ — (3 × 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–8067

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 × 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.

D–8068

PART C — (3 × 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–8068

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 × 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.

D–8069

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–8196	Sub. Code
	10113

DISTANCE EDUCATION

B.C.A. DEGREE EXAMINATION, MAY 2025.

First Semester

C AND DATA STRUCTURE

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define an identifier in C.

2. What is the difference between break and continue?

3. Write a recursive function in C to find the nth Fibonacci number and print the series up to n terms.

4. What is a pointer in C?

5. How do you define a structure in C?

6. What are command-line parameters?

7. Define a stack in data structures.

8. List the applications of a queue.

9. Write a short note about a non-linear data structure.

10. Specify the purpose of hashing in data structures.

PART B — (5 × 5 = 25 marks)

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

11. (a) Differentiate between constants and variables in C.

Or

(b) Describe the role of input and output functions in C.

12. (a) Explain the use of macros and the C preprocessor in programming.

Or

(b) What are string handling functions? List some common functions used in C.

13. (a) What are bit fields in C? How are they used in structures?

Or

(b) Identify the difference between formatted and unformatted data files.

14. (a) Analyze the process of evaluating an expression using Polish notation.

Or

(b) Outline the advantages and disadvantages of a doubly linked list.

15. (a) What are the properties of a binary tree?

Or

(b) Discuss tree traversal techniques with examples.

D–8196

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16.   Explain the importance of control statements in programming with examples.

17.   Describe arrays, their characteristics, and different types with examples.

18.   Compare and contrast structures and unions.

19.   Explore queues in details with their types, operations and applications.

20.   Examine the insertion and deletion process in a binary search three with examples.

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D–8196

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 ஓரிரு 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 × 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 × 10 = 30 மதிப்பெண்கள்)

எவையேனும் மூன்று வினாக்களுக்கு கட்டுரை வடிவில் விடை தருக.

16. தேம்பாணி பாடல்கள் வழி அறியலாகும் கருத்துக்களை
     தொகுத்துரைக்க.

17. கம்பன் புறத்திணை நூல் உணர்த்தும் செய்தியினை கட்டுரைக்க.

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18. ஒற்றெழுத்து மிகலும் மிகாமையும் குறித்து வரைக.

19. புதுக்கவிதையின் தோற்றம் வளர்ச்சி குறித்து கட்டுரை வரைக.

20. கிறித்துவர்கள் தமிழுக்கு ஆற்றிய தொண்டினை தொகுத்துரைக்க.

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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 × 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.

2

PART C — (3 × 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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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 Westminister 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 × 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 Westminister 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.

2

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 cautions. 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.

3

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–8197	Sub. Code
	10123

DISTANCE EDUCATION

B.C.A. DEGREE EXAMINATION, MAY 2025.

Second 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 is the difference between basic data types and user-defined data types in C++

2. What is the structure of a basic C++ program?

3. Mention the purpose of static data members in C++.

4. What is a copy constructor?

5. Define an abstract class in C++.

6. What is the purpose of virtual functions in C++?

7. What function can be used to detect the end of a file in C++?

8. Identify the purpose of file pointers in C++.

9. What is a function template in C++?

10. What is the purpose of the 'throw' keyword in C++ exception handling?

PART B — (5 × 5 = 25 marks)

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

11. (a) Compare and contrast the basic concepts of procedural programming with object-oriented programming.

Or

(b) Explain the concept of dynamic initialization of variables with an example.

12. (a) Describe the steps involved in specifying a class in C++.

Or

(b) Explain the concept and uses of friendly functions in C++.

13. (a) What are virtual base classes and why are they used?

Or

(b) Discuss the different C++ stream classes and their roles in I/O operations.

14. (a) Describe the different file stream classes in C++ and their uses.

Or

(b) Compare and contrast sequential and random access file operations in C++.

15. (a) Explain user-defined templates with an example.

Or

(b) Explain the significance of handling uncaught exceptions in C++.

D–8197

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe function overloading in detail and provide examples.

17. Discuss the concept and implementation of multiple constructors within a class.

18. Examine the significance of multilevel inheritance and provide an example.

19. Enumerate the various file modes in C++ and their applications in real-world scenarios.

20. Analyze the role of exception handling in robust software development.

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D–8197

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 × 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.   பாடாண்திணை என்றால் என்ன?

8.   'நெடுந்தொகை' என்று கூறப்படும் சங்க நூல்?

9. பழமொழிநானூற்றின் ஆசிரியர் யார்?

10. இராசராசனின் தமக்கை பெயரைக் கூறுக.

பகுதி ஆ — (5 × 5 = 25 மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு <u>ஒரு பக்க</u> 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.

2   D–8073

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

பின்வரும் வினாக்களில் <u>மூன்றனுக்குக் கட்டுரை</u> 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–8073

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 × 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.

2

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PART C — (3 × 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.

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D–8074

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 × 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.

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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.

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D–8075

D–8198	Sub. Code
	10133/12733

DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION, MAY 2025.

Third Semester

RELATIONAL DATABASE MANAGEMENT SYSTEM (RDBMS)

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1.   Define : Database.

2.   What are the characteristics of a primary key?

3.   Define : NULL values.

4.   Give a query to increase the size of an existing attribute of a table.

5.   State any four aggregate functions.

6.   What are the uses of Triggers in Database?

7.   Define : Parallel databases.

8.   State any two problems off redundancy.

9.   Define : RAID.

10. What are two uses of B-Tree indexing?

PART B — (5 × 5 = 25 marks)

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

11. (a) State any five differences of Database systems and file systems.

Or

(b) Explain the purposes of database systems.

12. (a) What are the types of integrity constraints? Explain.

Or

(b) Explain the differences between 3NF and BCNF.

13. (a) Discuss any five math functions with examples.

Or

(b) Explain the concept of nested queries with example.

14. (a) Write a note on parallel systems.

Or

(b) Explain the significances of distributed querying processing.

15. (a) Explain the concept of ACID property.

Or

(b) Explain the procedure to create a multiple key index.

D–8198

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the concept of views and operations on views with example queries.

17. Elaborate on various dependencies and normal forms with examples.

18. Illustrate the types of join operations with examples.

19. Explain various transaction control protocols in detail.

20. Discuss various indexing and hashing with examples.

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D–8198

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 × 5 = 25 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் <u>ஒரு பக்க</u> அளவில் விடை தருக.

11. (அ) சீர் குறித்து எழுதுக.

(அல்லது)

  (ஆ) வஞ்சிப்பா குறித்து எழுதுக.

12. (அ) அறத்தொடு நிற்றல் குறித்து விளக்குக.

(அல்லது)

  (ஆ) செவியறிவுறூஉ - 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 × 10 = 30 மதிப்பெண்கள்)

எவையேனும் <u>மூன்றனுக்கு</u> மட்டும் கட்டுரை வடிவில் விடை தருக.

16. பாவகைகளுள் வெண்பா பெறுமிடம் குறித்து விவரி.

17. ஐந்திணைக்குரிய கருப்பொருட்கள் குறித்து கட்டுரை வரைக.

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D–8076

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–8076

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 × 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 × 10 = 30 marks)

Answer any THREE questions.

16. Write an essay on human relational skills.

17. Discuss the importance of conceptual skills.

2   **D–8077**

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.

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D–8077

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.

2

PART C — (3 × 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.

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D–8078

D–8199	Sub. Code
	10143/12743

DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION, MAY 2025.

Fourth Semester

INTERNET AND 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. List the various Internet Service Providers (ISPs) available in India.

2. What do you mean by File Transfer Protocol?

3. Define data encapsulation with a suitable example.

4. Is Java capable of dynamically linking? Justify.

5. Compare method overriding with method overloading.

6. What are wrapper classes? Give an example for the same.

7. Write a Java program to illustrate multithreading.

8. How do applets differ from applications?

9. Define streams. What are the predefined streams supported in Java?

10. How will you create files in Java?

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain in detail about the Domain Name system with examples.

Or

(b) Briefly explain about telnet communication.

12. (a) Explain the benefits of Object Oriented Programming.

Or

(b) Write a Java program to implement the usage of various operators and expressions.

13. (a) Write a Java program for banking process using class and objects.

Or

(b) Write a Java program to implement the String class and its methods.

14. (a) Briefly explain the concept of inter-thread communication.

Or

(b) Explain the life cycle of an applet.

15. (a) What are Byte streams? Explain about byte stream classes with examples.

Or

(b) Briefly explain about file streams.

2

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. How will you connect with the Internet? Explain the various components required to connect Internet.

17. (a) Explain the various decision-making structures in Java. (6)

    (b) Write a Java program to find the sum of the N natural numbers. (4)

18. Explain in detail about various types of inheritance with suitable example.

19. Design a web page for movie ticket booking system using the features of applet programming

20. What is the use of Data streams? Explain about DataStream classes.

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D–8199

D–8200	Sub. Code
	10151/12751

DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION, MAY 2025.

Fifth Semester

ACCOUNTING FUNDAMENTALS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1.   Define accounting.

2.   Enumerate the internal and external users of accounting.

3.   Mention an example of non-financial transaction not included in accounting records.

4.   What is meant by management accounting?

5.   Mention some techniques used for cost reduction in accounting.

6.   What is meant by BEP?

7.   Explain the money measurement concept.

8.   What is GAAP?

9.   Mention the main characteristics required in IFRS financial statement.

10. What is suspense account?

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the functions of accounting.

Or

(b) Distinguish between cost and financial accounting.

12. (a) State the objectives of accounting standards.

Or

(b) List the exceptions to the Realisation concept.

13. (a) Describe the Golden rules of accounting.

Or

(b) What are the principle types of equalities?

14. (a) Journalize the following transactions.

(i) Ram started business with a capital of '10,000

(ii) He purchased furniture for cash '4,000

(iii) He purchased goods from Mohan on credit '2,000

(iv) He paid cash to Mohan '1,000.

Or

(b) List the uses of Ratio analysis.

15. (a) What are the features of single-entry system?

Or

(b) Examine the concept of errors and omissions in accounting.

2

D–8200

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the maintenance of Petty cash book.

17. Explain the subdivision of journal.

18. Based on the following information of the financial ratios prepare balance sheet of Star enterprises Ltd., as on December 31 2005. Explain your working and assumptions:

Current Ratio	2.5
Liquidity Ratio	1.5
Net working capital	6,00,000
Stock turnover radio	5
Ratio of gross profit to sales	20%
Turnover ratio to net fixed assets	2
Average debt collection period	2.4 months
Fixed assets to net worth	0.80
Long-term debt to capital and reserve	7/25

19. Explain double entry system of accounting.

20. Explain the advantages and disadvantages of incomplete records.

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DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION, MAY 2025.

Fifth Semester

COMPUTER GRAPHICS

(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 pixel? Give example.

2. What is resolution in computer graphics?

3. Differentiate between reflection and rotation.

4. What is viewport in clipping?

5. What is a polygon surface?

6. Give two examples of quadric surface. Draw.

7. What happens if all scaling factors in 3D transformation are equal to 1?

8. What is the difference between parallel and perspective projection?

9. Distinguish between image-space and object-space methods.

10. What are the two main types of computer animation?

PART B — (5 × 5 = 25 marks)

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

11. (a)   Summarize the applications of computer graphics.

Or

(b)   Elucidate about region filling algorithms with neat diagram.

12. (a)   Explain in detail about window to viewport coordinate transformation.

Or

(b)   Write short note on : Cyrus-beck line clipping algorithm.

13. (a)   Explain the importance of polygon rendering methods in computer graphics.

Or

(b)   Where are Hermite curves used in real-world applications?

14. (a)   Explain the 3D viewing pipeline with its stages.

Or

(b)   Briefly explain about 3D reflection transformation.

15. (a)   What is visible surface detection? Explain its importance and common techniques.

Or

(b)   What are animation languages? Give examples.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss in detail about various types of input devices with neat diagrams.

17. Write the following basic two-dimensional geometric transformations with neat diagram.

18. Explain Bezier curves in detail with diagram, including their mathematical formulation, properties and applications.

19. Explain parallel and perspective projection with neat diagram, types, examples and equations.

20. Explain the process of designing an animation sequence in computer animation.

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D–8201

D–8202	Sub. Code
	10153/12753

DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) 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. Define an operating system and its primary functions.

2. What is the difference between monolithic and microkernel architectures?

3. Explain the purpose of system calls.

4. What are the different types of process scheduling?

5. Define mutual exclusion and its role in process synchronization.

6. List two common deadlock prevention techniques.

7. Differentiate between paging and segmentation.

8. What is the advantages of file system mounting?

9. Explain the concept of disk scheduling.

10. What are the key components of an I/O system?

PART B — $(5 \times 5 = 25 \text{ marks})$

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

11. (a) Explain the various types of operating systems with examples.

Or

(b) Describe the architecture of an operating system and it components.

12. (a) Explain the different types of scheduling algorithms with examples.

Or

(b) Compare preemptive and non-preemptive scheduling.

13. (a) Discuss the classic synchronization problems and their solutions.

Or

(b) Explain semaphores and monitors with examples.

14. (a) Describe the different memory management strategies in an operating system.

Or

(b) Explain the role of paging and segmentation in memory management.

15. (a) Discuss the structure and implementation of a file system.

Or

(b) Explain the various file allocation methods in an operating system.

2 **D–8202**

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the critical section problem and various solutions.

17. Discuss different types of deadlocks and methods to handle them.

18. Explain how disk scheduling algorithms work with examples.

19. Describe the role of virtual memory and its implementation techniques.

20. Discuss file protection mechanisms in an operating system.

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D–8203	**Sub. Code**
	10161/12761

DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION, MAY 2025.

Sixth Semester

MANAGEMENT PRINCIPLES AND TECHNIQUES

(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 three levels of management?

2. Define decision making.

3. What is meant by planning?

4. Write a note on informal organization.

5. What is operations research?

6. Define Linear programming.

7. Define strong duality.

8. What is the goal of maintenance scheduling?

9. What is the purpose of replacement theory?

10. What is the purpose of reliability engineering?

PART B — (5 × 5 = 25 marks)

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

11. (a) Briefly explain the role played by a manager in a business organization.

Or

(b) What are the functions of the top management?

12. (a) State the administrative problems of decision making.

Or

(b) What are the principles of communication?

13. (a) Briefly explain the concept of a model in quantitative techniques. List out the characteristics of a good model.

Or

(b) Bring down the different methods of sensitivity analysis.

14. (a) Define the concept of an optimal solution in a transportation problem. How is an optimal solution obtained?

Or

(b) Define the three types of time estimates used in PERT. What are the formula used to calculate the expected time?

15. (a) State the limitations of PERT in project management.

Or

(b) Write down the concept of "group replacement" in replacement theory. How is it used to minimize maintenance costs?

2   D–8203

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Analyze the various characteristics of management.

17. Enumerate the various nature of planning.

18. Explain the concept of critical path in PERT. Discuss the importance of critical path in project planning and control.

19. Discuss the concept of critical path in CPM and its significance in project management. Explain how to identify the critical path in a project network and discuss the implications of critical path on project scheduling and control.

20. Illustrate the factors that influence the choice of replacement policy. Explain how these factors affect the decision-making process.

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D–8203

D–8204

Sub. Code
10162/12762

DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION,
MAY 2025.

Sixth Semester

SYSTEM ANALYSIS AND DESIGN

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours   Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. List the basic three implications for the study of system concepts.

2. State the role of analyst as an investigator.

3. List the three stage model described by Bowman, Davis, and Wetherlae for MIS objective.

4. What is meant by payback method? Write the formula for calculating the payback period

5. Mention the points to be considered by the operator in input design, while entering the input data.

6. Illustrate and sketch coupling in structured design and states its need.

7. State the use of Warnier Orr diagram.

8. Outline the need for the database.

9. List the classification of software and mention its purpose.

10. State the objective of conversion and the steps involved.

PART B — (5 × 5 = 25 marks)

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

11. (a) Discuss the concepts of MIS and DSS. How are they related? How do they differ?

Or

(b) Does interpersonal and technical skill is necessary in system development? Justify.

12. (a) Sketch and explain the strategies for determining information requirements.

Or

(b) Write a note on the oral presentation of a system analyst.

13. (a) With appropriate diagram, explain logical and physical design.

Or

(b) List the various classification of forms and discuss about various requirement of the form design.

14. (a) Write a note on sequential and indexed sequential organization.

Or

(b) Write a note on system testing and special systems test.

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15. (a) Outline the various steps involved in hardware and software selection process.

Or

(b) Write a note on sources of evaluation, evaluation and performance in system maintenance.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. With appropriate diagram elaborate on system development lifecycle.

17. Define structured analysis. Write in detail about the DFD tool of structured analysis.

18. Explain in detail about major development activities involved in system design and appropriate diagram.

19. Discuss in detail about three types of data structure with appropriate examples and diagram.

20. Discuss in detail about activity network for post implementation review.

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D–8204

D–8205	Sub. Code
	10163/12763

DISTANCE EDUCATION

B.C.A./B.C.A.(Lateral Entry) 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 the questions.

1. What is the use of visual basic?

2. What is the purpose of the toolbox in visual basic?

3. What is literal in visual basic?

4. What is the job of control array in visual basic?

5. What is recursive function in visual basic?

6. What is procedure in visual basic?

7. List menus in VB.

8. What is the purpose of MDI form in visual basic?

9. What for ADO is used in visual basic?

10. Differentiate between DAO and ADO in visual basic.

PART B — (5 × 5 = 25 marks)

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

11.   (a)   Brief on event and event-driven procedures.

Or

(b)   Make a detailed note on running and testing VB projects.

12.   (a)   Write short notes on any five VB controls.

Or

(b)   Write VB code to create a basic calculator application.

13.   (a)   Explain the step-by-step procedure to create and handle multiple forms in VB.

Or

(b)   List and explain any 5 built-in functions in VB.

14.   (a)   How will you add menus to your application? Illustrate.

Or

(b)   Explain how to add code to menus.

15.   (a)   Elaborate on active data objects.

Or

(b)   Provide an example program to create a student management database application in visual basic.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Narrate the steps in creating and running a VB project for a simple application. Make a detailed note on VB decision control structures.

17. Discuss on various event handling procedures in VB.

18. Discuss in detail about MIDI forms in VB.

19. Explain in detail about the database object and its properties.

20. What are ActiveX controls? How to use them? Explain with examples.

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