

D-1066

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, DECEMBER 2025.**

First Semester

Part I : TAMIL PAPER – I

**(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 விடையளி.

1. ஆயர் பாடியின் தலைவன் யார்?
2. கண்ணதாசனின் இயற்பெயர் என்ன?
3. பாரதியார் எழுதிய நூல்கள் யாவை?
4. நிலா பிஞ்சு கவிதையின் மையக்கரு யாது?
5. 'எதற்காக' கவிதையின் ஆசிரியர் யார்?
6. 'கவிக்கோ' என்று அழைக்கப்படுபவர் யார்?
7. சிலப்பதிகாரத்தில் இடம்பெற்றுள்ள காண்டங்கள் எத்தனை?
8. கம்பர் - ஆசிரியர் குறிப்பு வரைக.
9. சீறாப்புராணம் - குறிப்பு வரைக.
10. தேம்பாவணி - சொல் விளக்கம் தருக.

பகுதி ஆ — (5 × 5 = 25 மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்குக் ஒரு பக்க அளவில் விடை தருக.

11. (அ) கோகுலத்து பசுக்களின் நிலைப்பாட்டினை விளக்குக.

(அல்லது)

(ஆ) கண்ணினின் சிறப்புகளை பாரதியார் குறிப்பிடுவனவற்றை எழுதுக.

12. (அ) உலகப்பன் பாட்டு உணர்த்தும் கருத்தினை விவரி.

(அல்லது)

(ஆ) 'வயிறு' கவிதை உணர்த்தும் செய்தினை எழுதுக.

13. (அ) பாண்டியன் நெடுஞ்செழியனின் பண்பினைச் சுட்டுக.

(அல்லது)

(ஆ) கம்பராமாயணம் - நூல் சிறப்புகளை விவரி.

14. (அ) நபிகளின் அற்புதத்தினை விளக்குக.

(அல்லது)

(ஆ) சீறாபுராணம் இயற்றிய உமறுப்புலவரின் வரலாற்றினை எழுதுக.

15. (அ) தேம்பாவணி - காட்சிப்படலம் உணர்த்தும் மையக் கருவினை விளக்குக.

(அல்லது)

(ஆ) வீரமாமுனிவர் தமிழுக்கு ஆற்றிய பணிகளை விளக்குக.

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

எவையேனும் மூன்றனுக்குக் கட்டுரை வடிவில் விடையளி.

16. “செய்யும் தொழிலே தெய்வம்” கவிதை உணர்த்தும் கருத்தினை விளக்கி வரைக.
17. நோயற்ற வாழ்வு குறித்து நாமக்கல் கவிஞர் கூறுவனவற்றை தொகுத்துரைக்க.
18. ‘வழக்குரை காதை’ வழி அறியலாகும் செய்திகளை கட்டுரை தருக.
19. ஈத்தங்குலை வரவழைத்த படலம் தெரிவிக்கும் செய்திகளை விளக்கி வரைக.
20. தேம்பாவணி காட்சிப்படலம் வழி காணப்படும் கருத்தினை தொகுத்துரைக்க.

D-1067

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 Year Integrated) DEGREE EXAMINATION,
DECEMBER 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. Name some communication barriers.
2. Define non-verbal communication.
3. What are the types of intonation?
4. Rearrange the following sentence.
Rama boy a is poor who is.
5. What is a technical report?
6. Fill in the blanks with correct forms of verb.
 - (a) One of the most interesting child prodigies
_____ Young Wang Yani of China.
 - (b) Ram and Ravi _____ friends.
7. What is a circular?

8. Name different types of essays.
9. How to start a GD topic?
10. Give some examples of gestures.

PART B — (5 × 5 = 25 marks)

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

11. (a) Give some tips for GD.

Or

- (b) How gestures are used in communication?

12. (a) Prepare a newspaper report about a festival held in your city.

Or

- (b) Using attention grabber, how will you introduce yourself.

13. (a) Identify the different types of sentences :

- (i) Though Ram is poor, he is honest.
- (ii) Having finished his home work he went out to play.
- (iii) Run fast or you will miss the train.
- (iv) As he is suffering from fever, he is unable to attend the class.
- (v) He is poor yet he is honest.

Or

- (b) Prepare a circular about the independence day celebrations to be held in your college.

14. (a) Correct the following sentences :
- (i) Ravi is one of the most intelligent boy in the class.
 - (ii) He play football everyday.
 - (iii) He won the match, don't he?
 - (iv) He prefers coffee than tea.
 - (v) He returned back from England yesterday.

Or

- (b) Write a paragraph on "Reading makes a full man".

15. (a) How will you prepare for a speech?

Or

- (b) Explain the importance of eye contact in communication.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

- 16. Write an essay on various types of communication.
 - 17. Draft a welcome address for an official meeting.
 - 18. Discuss various steps involved in writing a paragraph.
 - 19. Prepare a GD on the topic "Advantages of Co-education".
 - 20. Describe the procedure involved in preparing technical reports.
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D-1068

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, DECEMBER 2025.**

First Semester

Part II : ENGLISH PAPER - I

**(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. Write on the role of Louisa Mebbin in Mrs. Packletide's plan to hunt the tiger in *Mrs. Packletide's Tiger*.
2. Mention the role of nature in Jim Corbett's *A Deed of Bravery*.
3. State the main argument presented by C.E. Joad in *Our Civilization*.
4. What moral lesson does B.R. Nanda convey in *A Hero on Probation*?
5. Fill in the blanks with suitable articles :
 - (a) He is _____ (an/the) expert in _____ (a/the) field of computer science.
 - (b) H always tells _____ (a/the) truth, no matter what.
6. Fill in the blanks with correct form of gerund :
 - (a) They discussed _____ (to plan/planning) the trip.
 - (b) He practiced _____ (to play/playing) the guitar for hours.

7. Briefly write on the risks of drug abuse according to Hardin B. Fones in *Dangers of Drug Abuse*.
8. What does Alpha of the Plough suggest about the changing nature of communication in *On Letter Writing*?
9. Write few of the environmental lessons in C.V. Raman's *Water-the Elixir of Life*.
10. What characteristics of Mrs. Packletide are highlighted through her pursuit of the tiger in *Mrs. Packletide's Tiger*?

PART B — (5 × 5 = 25 marks)

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

11. (a) Explore the character development of Mrs. Packletide and her motivations in *Mrs. Packletide's Tiger*.
Or
(b) Describe how Jim Corbett portrays the relationship between humans and nature in *A Deed of Bravery*.
12. (a) Describe the view of human evolution presented by Carl Sagan in *Our Ancestors*.
Or
(b) Analyse the criticisms of modern civilization offered by C.E. Joad in *Our Civilization*.
13. (a) Fill in the blanks with suitable articles :
 - (i) Can you give me _____ (a/the) pen you borrowed?
 - (ii) He is _____ (a/an) honest man.
 - (iii) She is _____ (a/the) best student in our class.
 - (iv) I need _____ (a/an/the) apple from that basket.
 - (v) They went to _____ (a/the) market to buy _____ (a/the) vegetables.

Or

- (b) Fill in the blanks with suitable form of Gerund :
- (i) She is interested in _____ (to learn/learning) French.
 - (ii) He's good at _____ (to play/playing) chess.
 - (iii) I don't mind _____ (to help/helping) you with your homework.
 - (iv) She avoided _____ (to speak/speaking) about the problem.
 - (v) _____ (Drive/Driving) too fast is dangerous.

14. (a) Precise the following paragraph :

In a bustling city, there lived two neighbors, Mr. Kumar and Mr. Rao, who had never gotten along. Mr. Kumar was a quiet man who valued his privacy, while Mr. Rao was a social butterfly, always eager to chat. Their differences often led to small conflicts, and they barely spoke to each other beyond the necessary greetings.

One day, during a fierce storm, a massive tree fell, damaging both their houses. With no immediate help available, they were forced to work together to clear the debris and fix the damage. As they spent hours side by side, they started talking. Mr. Rao, who had always thought Mr. Kumar was unfriendly, learned that Kumar preferred solitude because he had lost his wife recently and was still grieving. Meanwhile, Mr. Kumar realized that Rao's constant need for conversation came from living alone and feeling lonely.

The storm had passed, but a new bond formed between the two men. They started helping each other with small tasks, and soon their mutual support blossomed into an unexpected friendship. Their connection became the talk of the neighborhood, proving that sometimes, adversity brings people closer.

Or

- (b) Construct a dialogue between two friends discussing the pros and cons of social media.

15. (a) Analyse the themes of independence and aloofness as represented in *The Cat* by Catharine M. Willson.
Or
(b) What insights does B.R. Nanda provide about heroism in *A Hero on Probation*?

PART C — (3 × 10 = 30 marks)
Answer any THREE questions.

16. What does Alpha of the Plough suggest about the evolution of communication in *On Letter Writing*?
17. Explore the social implications of drug abuse as discussed by Hardin B. Fones in *Dangers of drug abuse*.
18. Change direct speech into indirect speech :
- (a) She asked, “Can you help me with this”.
 - (b) He said, “I am feeling tired”.
 - (c) She said, “I saw him at the party yesterday”.
 - (d) They asked, “Have you finished the project”?
 - (e) He said, “I can fix the car myself”.
 - (f) The doctor said, “You should take your medicine regularly”.
 - (g) He said, “I will meet you at 5 o’clock”.
 - (h) She asked, “What time does the train leave”.
 - (i) They said, “We are leaving for the airport now”.
 - (j) She said, “I don’t like spicy food”.
19. Write a letter to your bank manager requesting the closure of your savings account.
20. Explain the contrast between the depicted bravery and actual danger in Jim Corbett’s *A Deed of Bravery*.
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D-1069

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,
DECEMBER 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. வீரமாமுனிவர் எழுதிய நூல்கள் யாவை?
2. தேம்பாவணி காப்பியத்தின் பாட்டுடைத் தலைவன் யார்?
3. நீல. பத்மநாபன் எழுதிய புதினங்களின் பெயர்களைச் சுட்டுக?
4. 'வானவீதியில்' சிறுகதை யாருடைய வாழ்வியலைப் பேசுகிறது?
5. இராமன் தும்பைப்போர் நடைப்பெற்ற பொழுது சூடிய பூவின் பெயர் யாது?
6. சார்பெழுத்துக்கள் எத்தனை? அவை யாவை?
7. ஆகுபெயர் என்றால் என்ன?

8. வேற்றுமை உருபு யாவை ?
9. தமிழில் தோன்றிய முதல் புதினத்தின் பெயர் என்ன ?
10. பெரியபுராணம் நூலின் ஆசிரியர் யார் ?

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

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடையளி.

11. (அ) தேம்பாவணி நூலின் சிறப்பினை எழுதுக ?
(அல்லது)
(ஆ) யோசேப்பின் மாட்சியினைப் புலப்படுத்துக ?
12. (அ) 'வானவீதியிலே' சிறுகதையில் இடம்பெறும் கதை மாந்தர்களின் நிலையினைச் சுட்டுக ?
(அல்லது)
(ஆ) கம்பன் புறத்திணையில் இடம்பெறும் தும்பைப் போர் பற்றிய செய்திகளை எழுதுக ?
13. (அ) மொழி இறுதி எழுத்துக்கள் யாவை ?
(அல்லது)
(ஆ) வினா என்றால் என்ன ? அதன் வகைகள் யாவை ?
14. (அ) திணை குறித்து எழுதுக ?
(அல்லது)
(ஆ) பாரதியாரின் கவிதைப் பணி குறித்து விளக்குக.
15. (அ) சிறுகதையின் இலக்கணம் வரைக ?
(அல்லது)
(ஆ) இஸ்லாமியர்கள் தமிழுக்கு ஆற்றிய பணிகள் யாவை ?

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

எவையேனும் மூன்றனுக்குக் கட்டுரை வடிவில் விடை தருக.

16. தேம்பாவணி காட்சிப் படலம் உணர்த்தும் செய்திகளை தொகுத்துரைக்க?
 17. கம்பன் புறத்திணையில் இடம்பெற்ற காகுத்தன் கன்னிப்போர் பற்றி விளக்குக?
 18. முதலழுத்துக்கள் குறித்து கட்டுரை வரைக?
 19. புதுக்கவிதை தோற்றம் வளர்ச்சி குறித்து கட்டுரை தருக?
 20. வைணவ இலக்கியங்கள் குறித்து விளக்கி வரைக.
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D-1070

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 Year Integrated) DEGREE EXAMINATION,
DECEMBER 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. Define communication skills.
2. What is meant by stimulus and response in communication?
3. Mention two guidelines for effective speaking.
4. What is phonetics in communication?
5. List two types of listening.
6. What is the purpose of technical writing?
7. Mention two components of corporate communication.
8. What is press release?
9. Define conversation skills.
10. What are soft skills in communication?

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the significance of communication skills in daily life.

Or

- (b) Describe different types of listening with examples.

12. (a) Explain modes of conversation skills.

Or

- (b) What are the key aspects of preparing an effective presentation?

13. (a) Discuss the significance of written communication over oral communication.

Or

- (b) What are the key elements of a business proposal?

14. (a) Discuss the role of newsletters in corporate communication.

Or

- (b) Explain the importance of interview skills in professional settings.

15. (a) Explain the difference between internal and external corporate communication.

Or

- (b) Discuss the importance of pronunciation etiquette in communication.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the principles of effective writing with emphasis on technical and creative writing.
 17. Describe the role of soft skills in professional communication.
 18. Describe the various components of communication skills with examples.
 19. Explain the different types of corporate communication and their significance.
 20. Discuss the importance of listening skills and their impact on communication.
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D-1071

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,
DECEMBER 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 is the Friend's beauty compared to a summer's day in Shakespeare's 'Sonnet XVIII'?
2. What animal is scarified in the fourth stanza of 'Ode on a Grecian Urn'?
3. Who is Lucrezia del Fede?
4. What problem does the traveller face in 'The Road not Taken'?
5. Explain Tagore's version of 'Heaven of freedom'.
6. What sort of sounds are heard in the early morning in 'Coromandel Fishers'?
7. Why did Antonio borrow money from Shylock?

8. Who was called as a 'Second Daniel come to judgement'?
9. What was the last punishment given to Shylock?
10. Name the kinds of Essay.

PART B — (5 × 5 = 25 marks)

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

11. (a) Highlight the main theme of the poem, 'Upon Westminster Bridge'.

Or

- (b) Explain briefly why unheard melodies are sweeter.
12. (a) Describe the significance of good decisions according to Robert Frost.

Or

- (b) How do the soldiers cope with the war in Owen's 'Strange Meeting'?
13. (a) State briefly Rabindranath Tagore's ideals of true freedom.

Or

- (b) Narrate briefly the summary of the poem, 'The Express'.
14. (a) Bring out the importance of the opening scene of 'The Merchant of Venice'.

Or

- (b) Discuss briefly the significance of the Trail scene in 'The Merchant of Venice'.

15. (a) Read the following passages and make notes on it.

The animal kingdom can be divided into four categories. The first category comprises diurnal animals which are active during the day. In the second category, we have the nocturnal animals, which move about at night. Then we have to less well-known varieties, the crepuscular animals, which are active during twilight hours and the arhythmic animals, which go about during both day and night. Probably such a division began when simple and weak animals began to come out in the dark to escape from diurnal predators.

How do nocturnal animals find their way in the dark? Domestic cats, as we know, have eyes that can adapt to darkness. But in the wild, the mechanisms are more sophisticated. The eyes of an owl, for example, contain a large number of rods and nerve cells. These cells respond to dim light and to changes in light intensity. Would you believe it, if you are told that an owl can detect a moving mouse in one millionth of a candle power of light of snakes make use of the sense of smell at night. Their tongue picks up small particles from objects around them and sensors at the roof of the mouth smell the particles.

Or

- (b) Write a report on the celebration of Independence Day in your office.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss Browning's 'Andrea del Sarto' as a dramatic monologue.
17. Analyse a critical appreciation of the poem, 'Where the mind is without Fear'.

18. Elaborate the plot of the play 'The Merchant of Venice'.
19. Write an essay on the following topic : The Right use of Leisure.
20. Read the following passages and answer the questions that follow :

The cassowaries which are two meters tall with a helmet-like crest protecting their head, are the world's most dangerous birds capable of dealing with fatal blows. The cassowary lives in the rain forests of Australia and New Guinea and are actually pretty shy animals if undisturbed. But if you get too close then these unpredictable birds turn extremely aggressive and you could receive a bone breaking kick or get sliced by its dagger-like claws. The cassowary is also one of the most difficult animals to keep in the zoo because of the frequent injuries suffered by the zoo-keepers that look after them.

- (a) Which bird is supposed to be the most dangerous one in the world?
 - (b) Where do cassowaries live?
 - (c) What is the nature of cassowary if undisturbed?
 - (d) Why are the people afraid of keeping the birds?
 - (e) What is meant by 'aggressive'?
-

D-1072

Sub. Code

31A/13731/0131

DISTANCE EDUCATION

**Common for B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
DECEMBER 2025.**

Third Semester

Part I : TAMIL – 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 ஓரிரு வரிகளில் விடையளிக்க.

1. முல்லைப்பாட்டு – நூல் குறிப்புத் தருக.
2. ஆற்றுப்படை நூல்களைப் பட்டியலிடுக.
3. நாழிகை கணக்கர் என்போர் யார்?
4. பாடாண் திணையை வரையறுக்க.
5. ஒற்றைப்படை எண்ணிலான அகநானூற்றுப் பாடல்களின் திணை?
6. 'வேளாண் வேதம்' எனப் போற்றப்படும் அற நூல்?
7. திருக்குறளின் சிறப்பைப் போற்றி எழுந்த நூல்?
8. நான்மணிக்கடிகை ஆசிரியர் பெயரைச் சுட்டுக.

9. விமலாதித்தன் எந்நாட்டு வேந்தன்?
10. 'சுவடுகள்' நாவலில் காந்தியக் கொள்கையைப் பேசும் பாத்திரம்?

பகுதி ஆ — (5 × 5 = 25 மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடை தருக.

11. (அ) கார்க்காலம் குறித்த முல்லைப்பாட்டு வருணனைகளைப் புலப்படுத்துக.

(அல்லது)

(ஆ) கபிலர் பாடல்களின் தனிச் சிறப்புகளைத் தொகுத்துரைக்க.

12. (அ) ஐங்குறுநூற்று நூல் தொகுப்பு வரலாற்றை எடுத்துரைக்க.

(அல்லது)

(ஆ) பாரதம் பாடிய பெருந்தேவனார் திருமாலை எங்ஙனம் போற்றுகிறார்?

13. (அ) தலைமகள் பாசறையிலிருந்து சொல்லிய செய்தியைச் சேந்தம்பூந்தனார் வழி விளக்குக.

(அல்லது)

(ஆ) கையறுநிலையை நப்பசலையார் பாடல்கள் வழி விளக்குக.

14. (அ) பிரிவாற்றாமை குறித்து வள்ளுவர் உரைக்குமாற்றை எழுதுக.

(அல்லது)

(ஆ) நான்மணிக்கடிகை பேசும் அறக்கருத்துக்களை எடுத்துரைக்க.

15. (அ) இராசராசசோழன் நாடகக் கதைக்களத்தைச் சுருக்கி வரைக.

(அல்லது)

(ஆ) சுவடுகள் நாவல் கதைப் பொருண்மையை எடுத்துரைக்க.

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

பின்வரும் வினாக்களில் மூன்றனுக்குக் கட்டுரை வடிவில் விடை தருக.

16. கபிலரின் கவித்திறத்தைக் குறுந்தொகைப் பாடல்களின் வழி நிறுவுக.
17. குறிஞ்சித்திணையில் அமையும் ஐங்குறுநூற்றுப் பாடல்களைக் கட்டுரைக்க.
18. புறநானூற்றுப் பாடல்களால் அறியவரும் வரலாற்றுச் செய்திகளை விவரிக்க.
19. வள்ளுவர் உரைக்கும் வாழ்க்கைத் துணைநலம் பற்றியக் கருத்துக்களை எழுதுக.
20. சுவடுகள் நாவலின் ராசாத்தி பாத்திரப் படைப்பின் சிறப்பைப் புலப்படுத்துக.

D-1073

Sub. Code

31B

DISTANCE EDUCATION

**Common for B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
DECEMBER 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. Mention the types of human skills.
2. What is interpersonal behaviour?
3. Explain etiquette in simple words.
4. Write the benefits of high self-esteem.
5. What is competitive negotiation?
6. What are goal setting skills?
7. Define positive attitude.
8. What is leadership style?
9. Why are human relation skills important?
10. What is stress management skills?

PART B — (5 × 5 = 25 marks)

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

11. (a) Write a short note on interpersonal behaviour.

Or

- (b) Describe the characteristics of interpersonal skills.

12. (a) Explain what are the factors influencing our personality.

Or

- (b) Present the importance of self-esteem.

13. (a) Describe when do you use decision making skills.

Or

- (b) Write a paragraph on negotiation skills.

14. (a) Give some tips for coping with change.

Or

- (b) Explain briefly on leadership skills.

15. (a) What are the elements of human relations?

Or

- (b) Present the different types of counselling.

PART C — (3 × 8 = 30 marks)

Answer any **THREE** questions.

16. Elaborate the merits of good habits.
 17. Write an essay on thinking with suitable examples.
 18. Analyse the types of and importance of goal setting.
 19. Explain attitudes in a detailed way.
 20. Write an essay on causes and effects of stress.
-

D-1074

Sub. Code

32/13732/0132

DISTANCE EDUCATION

**Common for B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
DECEMBER 2025.**

Third Semester

Part II : ENGLISH PAPER – III

**(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. What did Swami dream in the office?
2. What was the central conflict in the play “The Bag Comes Home”?
3. With what philosophy the postmaster consoled himself?
4. What does the old man say about the Silver Idol?
5. What was the cause of quarrel between Mrs. Meldon and Prof. Corrie?
6. Who are the characters in “Reunion”?
7. Why did the Captain Kill Malik in “A kind of Justice”?
8. Who wrote the one-act play “The Refugee”?

9. Do as directed :
- (a) Milk is more nourishing than any other food. (Into superlative)
 - (b) Raju is not as smart as Ravi (Into comparative)

10. What is Descriptive writing?

PART B — (5 × 5 = 25 marks)

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

11. (a) How did Swami end up catching the burglar?
Or
(b) Why did Ratan Wander near the post office?
12. (a) How has the war affected Philip's personality?
Or
(b) Describe the climax of the play "Progress".
13. (a) Why was Gaultier angry with Marion?
Or
(b) What are some of the moral failings and betrayals that John exposes in "Reunion"?
14. (a) Enumerate the types of pronoun.
Or
(b) Fill in the blanks with suitable verbs :
- (i) The shop _____ at non O'clock every morning. (open/opens)
 - (ii) It _____ since eight O'clock this morning. (is raining/has been raining)
 - (iii) Nobody _____ the fact. (know/knows)
 - (iv) I _____ the book as soon as I finish it. (return/will return)
 - (v) Don't get off the train fill it _____. (stops/stopped)

15. (a) Prepare an agenda for sports day celebration of your college.

Or

- (b) Describe yourself in a paragraph.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the role played by Madame Forestier in “The Diamond Necklace”.
17. Bring out the significance of the title “The Proposal”.
18. Examine the challenges and internal conflicts of refugees in the play “The Refugee”.
19. Write an essay on verbs.
20. Write a notice informing the students about a dance competition to be held in your college.
-

D-1075

Sub. Code

41A/13741/0141

DISTANCE EDUCATION

**Common for B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
DECEMBER 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 என்பது யாது?
2. படிமம் என்றால் என்ன?
3. அறத்தொடு நின்றல் – பொருள் தருக.
4. கையறு நிலையின் தன்மை யாது?
5. அணி இலக்கணம் என்றால் என்ன?
6. தற்குறிப்பேற்றவணியின் சிறப்பைக் கூறுக.
7. எரிதழல் கொண்டுவா கதிரை வைத்திழந்தான் அண்ணன் கையை எரித்திடுவோம் என்றவன் யார்?
8. ஆட்டனத்தி ஆதிமந்தி என்ற காப்பியத்தின் ஆசிரியர்?

9. தொல்காப்பியம் எத்தனை அதிகாரங்களைக் கொண்டவை?

10. வேளாண் வேதம் என்று அழைக்கப்படும் நூல் எது?

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

அனைத்து வினாக்களுக்கும் ஒரு பக்க அளவில் விடை தருக.

11. (அ) வெண்பாவிற்குரிய சீர்கள் குறித்து எழுதுக.

(அல்லது)

(ஆ) தொடை விகற்பம் எத்தனை வகைப்படும்? அவையாவை?

12. (அ) உடன்போக்கு என்பது யாது? வகைகளைக் கூறுக.

(அல்லது)

(ஆ) செவியறிவுறாஉ என்பதன் பொருளைத் தருக.

13. (அ) வேற்றுமை அணியை எடுத்துக்காட்டுடன் விளக்குக.

(அல்லது)

(ஆ) செம்மொழி சிலேடையணியின் தன்மையைப் புலப்படுத்துக.

14. (அ) இனியவை நாற்பதின் அறக்கருத்துக்களை இயம்புக.

(அல்லது)

(ஆ) ஊதாரிப் பிள்ளையின் நிலைப்பாட்டை விளக்குக.

15. (அ) நரிக்கண்ணின் தந்திரத்தை விளக்குக.

(அல்லது)

(ஆ) மதுரைக்காஞ்சி கூறும் மதுரை மாநகரச் சிறப்பு குறித்து எழுதுக.

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

எவையேனும் மூன்று வினாக்களுக்கு மட்டும் கட்டுரை வடிவில் விடை தருக.

16. ஆசிரியப்பாவின் வகைகள் குறித்துக் கட்டுரைக்க.
17. பாடாண்படலம் கூறும் கருத்துக்களை விளக்கியுரைக்க.
18. உவமையணியின் வகைகள் குறித்து விவரிக்க.
19. பத்துப்பாட்டின் ஆற்றுப்படை நூல்களின் தன்மையை விவரிக்க.
20. பாஞ்சாலி சபதம் உணர்த்தும் நாட்டு விடுதலை உணர்வு குறித்து எழுதுக.

D-1076

Sub. Code

41B

DISTANCE EDUCATION

**Common for B.A./B.Sc./B.C.A. DEGREE EXAMINATION,
DECEMBER 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 the questions.

1. What are counselling skills?
2. Mention managerial skills.
3. Write the difference between conceptual and technical skills.
4. Why are technical skills important in the work place?
5. Define organizational skills.
6. What is multitasking skill?
7. Name any four qualities of a leader.
8. What are understanding skills?
9. Why are skills important in society?
10. What is problem solving skill?

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe how to highlight your counselling skills.

Or

- (b) Present benefits of human relational skills.

12. (a) How do you develop conceptual skill?

Or

- (b) How do technical skills improve job opportunities?

13. (a) Write a paragraph on the uses of organizational skills.

Or

- (b) Give tips for improving multitasking skills.

14. (a) Write a note on time management.

Or

- (b) Highlight any five qualities of the community.

15. (a) Write a paragraph on cooperative learning skills.

Or

- (b) Short note on a cooperative social responsibility statement.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write any ten essential management skills and how to develop them.
 17. Elaborate effective way of presentation skills.
 18. Discuss the essential qualities of a good leader.
 19. Sum up organizational skills. What they are and why you need them?
 20. Write an essay on problem – solving skills.
-

D-1077

Sub. Code

42/13742/0142

DISTANCE EDUCATION

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

Fourth Semester

Paper 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 the questions.

1. What does Tolstoy emphasize through the journey of two old men in *Two Old Men*?
2. How does Jim Corbett use nature in *Lalajee* to influence the story's atmosphere?
3. What is the role of Professor Higgins in shaping Eliza's identity in *Pygmalion*?
4. Mention the role of colonialism in *Swami and Friends*.
5. Write Shylock's character in *The Merchant of Venice*.
6. What are the consequences of impulsive actions in *Romeo and Juliet*?
7. Mention the influence of Gandhi on Martin Luther King's philosophy of non-violence.

8. What is the role of grammar in structuring effective sentences?
9. Write the irony in *Little Girls Wiser Than Men* by Tolstoy.
10. How G.B. Shaw uses humour to address serious social themes in *Pygmalion*.

PART B — (5 × 5 = 25 marks)

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

11. (a) Delineate the role of nature in shaping the narrative of Corbett's *Lalajee*.

Or

- (b) What psychological conflicts are highlighted in *A Day's Wait* by Hemingway?

12. (a) Delineate how R.K. Narayan portrays the complexities of childhood friendships in *Swami and Friends*.

Or

- (b) Describe the satire of social pretensions presented in *Pygmalion*.

13. (a) Analyse the conflict between love and duty in *The Merchant of Venice*.

Or

- (b) Explain the significance of parental authority and its impact on Romeo and Juliet's choices in *Romeo and Juliet*.

14. (a) Describe Martin Luther King Jr.'s leadership style as presented by R.N. Roy.

Or

- (b) Explore Nehru's political philosophy as depicted in A.J. Toynbee's biography.
15. (a) Explain how the theme of innocence versus experience is explored in *Little Girls Wiser Than Men*.

Or

- (b) What impact does the setting of Malgudi have on the narrative of *Swami and Friends*?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explore the symbolic significance of the journey undertaken by the characters in Tolstoy's *Two Old Men*.
17. Discuss how Shaw uses language to emphasize class differences in *Pygmalion*.
18. Examine how Shakespeare presents different forms of love in *Romeo and Juliet*.
19. Explain how grammar rules help in structuring coherent and persuasive arguments in real life conversation.
20. Delineate how jealousy drives the plot and character development in *The Winter's Tale*.

D-1185

Sub. Code

13013

DISTANCE EDUCATION

**B.Sc.(Computer Science) DEGREE EXAMINATION,
DECEMBER 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. Name the types of integers.
2. What is pre-increment and post-increment?
3. How strings can be represented in C?
4. List the purpose of scanf() function.
5. What is strcpy?
6. Identify the elements of user defined function.
7. What is file pointer?
8. Define recursion.
9. How file can be defined in C?
10. What is an error?

PART B — ($5 \times 5 = 25$ marks)

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

11. (a) Explain the features of a C program.
Or
(b) Discuss the various data types in C.
12. (a) Explain switch statement with example.
Or
(b) Distinguish between *while* and *do-while* statement.
13. (a) Explain how to compare two strings in C.
Or
(b) Describe function declaration and definition with example.
14. (a) Write the difference between array and structure.
Or
(b) List out the rules for pointer operations.
15. (a) Explain the purpose of `fseek()` function in C.
Or
(b) What is an exception? Explain.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Interpret the control structure with example.
17. Explain the operator precedence concepts.
18. Describe array within structure.
19. Discuss about chain of pointer.
20. Illustrate the I/O operations on file.

D-1186

Sub. Code

13023

DISTANCE EDUCATION

**B.Sc.(Computer Science) DEGREE EXAMINATION,
DECEMBER 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 questions.

1. What do you understand by dynamic binding?
2. Give a brief outline of manipulator.
3. List out the access specifiers.
4. Define inline function.
5. What do you mean by function overloading?
6. How the type conversion can be done in C++?
7. How can you open and close a file?
8. Define file pointer.
9. State the syntax of catch keyword.
10. How do you handle throw keyword?

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe the hierarchy of stream classes.

Or

- (b) Write note on formatted console I/O operation.

12. (a) Describe the concept of friend function.

Or

- (b) Briefly explain dynamic initialization through constructors.

13. (a) Explain unary operator overloading.

Or

- (b) Discuss about abstract class.

14. (a) Narrate inheritance of class template.

Or

- (b) Describe the concepts of random access to a file.

15. (a) Briefly explain constructor and destructor.

Or

- (b) Discuss about memory allocation failure exception.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss about object oriented paradigm with neat diagram.

17. Explain in detail about pointers to objects.
 18. Mention the important concept of overloading with friend function.
 19. Explain the concept of file pointer and their manipulator.
 20. Discuss the rules for operator overloading in C++.
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D-1187

Sub. Code

13033/13233

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(CS)(Lateral) DEGREE EXAMINATION,
DECEMBER 2025.**

Third Semester

DATA STRUCTURES AND ALGORITHMS

(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 primitive and non-primitive data types?
2. Give an example of a linear data structure.
3. Define “postfix notation”.
4. What is the purpose of a “next” pointer in a singly linked list?
5. Define a binary tree.
6. What is the purpose of hash table?
7. List out the basic principles of linear search.
8. What is the “search key” in searching algorithm?
9. State the primary characteristics of selection sort.
10. Define adaptive sorting algorithm.

PART B — ($5 \times 5 = 25$ marks)

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

11. (a) Explain the concept of time complexity in algorithm.

Or

- (b) Write a short algorithm to find the largest element in an array.

12. (a) Describe the push and pop operations on stack.

Or

- (b) Illustrate the process of inserting a node at the beginning of singly linked list.

13. (a) Compare complete binary tree with full binary tree.

Or

- (b) Analyze the difference between dept-first search and breadth-first search.

14. (a) Describe the process of binary search.

Or

- (b) Examine the concept of divide and conquer technique.

15. (a) Compare and contrast bubble sort and insertion sort.

Or

- (b) Describe the general concept of tree sort.

PART C — ($3 \times 10 = 30$ marks)

Answer any **THREE** questions.

16. Elaborate on multi-dimensional array with advantages and disadvantages.
 17. With an algorithm to evaluate a prefix expression using a stack.
 18. Explain the process of deleting a node from a binary search tree.
 19. Write a binary search algorithm with advantages.
 20. Illustrate the steps involved in radix sort with example.
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D-1188

Sub. Code

13043/13243

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(CS)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 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. Name two key features of Java.
2. What is the significance of “write once, run anywhere” in Java?
3. What are bitwise operators? Give one example.
4. What is the break statement used for in a switch statement?
5. Define inheritance.
6. Write down the concept of final class.
7. State the two ways to create a thread.
8. Define an exception in Java.
9. What is the purpose of the <applet> tag in HTML?
10. What is the drawstring() method used for?

PART B — (5 × 5 = 25 marks)

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

11. (a) Compare and contrast Java with other programming languages.

Or

- (b) Analyze the importance of program structure and coding conventions in Java.

12. (a) Explain the difference between `++i` and `i++` with examples.

Or

- (b) Describe the difference between *while* and *do-while* loop with examples.

13. (a) Differentiate string class and `StringBuilder`.

Or

- (b) Write a Java program that demonstrates on method overloading.

14. (a) Elucidate the life cycle of thread in Java.

Or

- (b) How to handle exceptions using try-catch blocks? Explain.

15. (a) Write an Java applet program in your own.

Or

- (b) How to compile and run an applet programs? Explain.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the concept of object oriented programming.
 17. Classify the different types of operators and explain.
 18. Write a Java program that demonstrates the use of interfaces.
 19. Explain exception handling in detail.
 20. Illustrate the applet life cycle with example program.
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D-1189

Sub. Code

13051/13251

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(CS)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 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 operating system.
2. What is an interrupt?
3. Differentiate between concurrency and parallelism.
4. List out the software algorithms used for mutual exclusion.
5. Mention any two CPU scheduling criteria.
6. Define starvation.
7. When would variable partitioning be preferred over fixed partitioning?
8. Page size is an important factor in virtual memory performance. Why?
9. What is authentication in file access control?
10. Write any two disadvantages of linked file allocation.

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the structure of an operating system with neat diagram.

Or

- (b) Describe about the various states of process life cycle in detail.

12. (a) How does concurrent programming differ from sequential programming? Discuss.

Or

- (b) What is semaphore? Explain binary semaphore with an example.

13. (a) Classify the various types of CPU scheduling algorithms? Explain.

Or

- (b) How does deadlock differ from starvation? Analyze.

14. (a) Discuss about various contiguous memory allocation.

Or

- (b) Evaluate FIFO page replacement strategy with an example.

15. (a) Explain the concept of rotational optimization in disk scheduling.

Or

- (b) Describe about the structure of a file system in detail.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. What is IPC? Explain various IPC mechanisms with example.
 17. Compare and contrast software and hardware solutions for mutual exclusion.
 18. Describe about Dijkstra's Banker's algorithm with an example.
 19. Discuss about the working of variable partition multiprogramming. How does it handle fragmentation?
 20. Explain about contiguous, linked and indexed file allocation strategies with diagram.
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D-1190

Sub. Code

13052/13252

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(CS)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 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 the questions.

1. State the purpose of DDL.
2. What is data abstraction?
3. Write the relational algebra notation for selection.
4. Define candidate key.
5. How NULL is different from zero in SQL?
6. Name any two set comparison operators in SQL.
7. Differentiate between volatile and non-volatile storage.
8. What is atomicity in transaction?
9. Mention the role of nodes in B+ tree.
10. What does SAM stand for in Indexed sequential access method?

PART B — (5 × 5 = 25 marks)

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

11. (a) Classify the different types of data models with suitable example.

Or

- (b) Write the roles and responsibilities of DBA.

12. (a) Compare domain relational calculus and tuple relational calculus with an example.

Or

- (b) Write SQL queries to create, alter, and destroy a view.

13. (a) Differentiate between INNER JOIN and OUTER JOIN.

Or

- (b) Discuss about the aggregative operators with an example.

14. (a) Explain the different states of a transaction with diagram.

Or

- (b) Describe about the buffer management in recovery systems.

15. (a) Write a short note on overflow handling in static hashing.

Or

- (b) Elaborate the concept of dense and sparse indexing with an example.

PART C — ($3 \times 10 = 30$ marks)

Answer any **THREE** questions.

16. Explain about the database languages in detail.
 17. Demonstrate the selection and projection operations in relational algebra with an example.
 18. What is database trigger? Explain different types of triggers with an example.
 19. Define transaction. Explain ACID properties of transaction in detail.
 20. Compare and contrast hash-based indexing and B+ tree indexing.
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D-1191

Sub. Code

13053/13253

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(CS)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 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. Define computer architecture.
2. What is the purpose of measuring performance in computer design?
3. List two addressing modes in computer architecture.
4. What are the types of operands in an instruction set?
5. Define Instruction Level Parallelism (ILP).
6. Name one advantages of VLIW architectures.
7. Define parity in RAID systems.
8. How does interrupt handling improve I/O efficiency?
9. Define cache memory.
10. What is a race condition?

PART B — ($5 \times 5 = 25$ marks)

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

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

Or

- (b) Describe the classification of instruction set architectures.

12. (a) Explain dynamic scheduling in pipelining.

Or

- (b) What is hardware-based speculation? How does it work?

13. (a) Compare static and dynamic branch prediction techniques.

Or

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

14. (a) Discuss methods to reduce cache miss penalty.

Or

- (b) Explain the role of buses in computer architecture.

15. (a) What are the performance issues in shared memory architectures?

Or

- (b) Explain multithreading in the context of thread-level parallelism.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the fundamentals of memory addressing and addressing modes with examples.
 17. Discuss the principles of dynamic hardware prediction.
 18. Explain the role of compiler in exposing Instruction Level Parallelism (ILP).
 19. Write a detailed note on memory technology and its evolution.
 20. Explain the design and performance issues in multiprocessor systems.
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D-1192

Sub. Code

13061/13261

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(C.S)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 2025.**

Sixth Semester

COMPUTER NETWORK

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define computer network.
2. Define LAN and WAN.
3. What does CSMA stand for?
4. Give examples of multiple access protocols.
5. What is virtual circuit?
6. Define datagram.
7. What is process-to-process delivery?
8. Recall the role of Remote Login.
9. Define cryptography.
10. Give an example of security services.

PART B — (5 × 5 = 25 marks)

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

11. (a) Classify the types of line configuration with diagrams.

Or

- (b) Differentiate between analog and digital signals with examples.

12. (a) Describe the working of cyclic redundancy check.

Or

- (b) Differentiate between Stop-and-wait and sliding window protocol.

13. (a) Write short notes on shortest path routing algorithm.

Or

- (b) Explain about leaky bucket algorithm in congestion control.

14. (a) Explain connection-oriented and connectionless services with examples.

Or

- (b) Differentiate between TCP and UDP.

15. (a) Differentiate between transposition and substitution ciphers.

Or

- (b) Explain the role of cryptography in network security.

PART C — (3 × 10 = 30 marks)

Answer any **THREE** questions.

16. Discuss the seven layers of OSI model with functions.
 17. Analyze the flow and error control mechanisms used in reliable data transfer.
 18. Compare and contrast circuit switching, message switching and packet switching.
 19. Explain the working of domain name system and its hierarchy.
 20. Describe the working of the DES algorithm with diagram.
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D-1193

Sub. Code

13062/13262

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(CS)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 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 purpose of Project Explorer?
2. List any two tools in the Toolbox.
3. What is the use of select case?
4. Define intrinsic controls.
5. Mention two numeric functions in VB.
6. Write syntax for UBound and LBound.
7. Compare SDI and MDI.
8. Write the steps to create a menu in VB.
9. What is DAO?
10. Comment on OLE DB.

PART B — (5 × 5 = 25 marks)

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

11. (a) Discuss the use of Toolbox and Toolbars.

Or

- (b) Differentiate between form and control.

12. (a) Explain the various data types used in VB.

Or

- (b) Illustrate the syntax and flow diagram of For...Next loop with your own example program.

13. (a) Elucidate on indexing and its importance in arrays.

Or

- (b) Discuss the different types of procedures in VB.

14. (a) Explain the steps to create menus in VB.

Or

- (b) Elaborate on menu editor and its options.

15. (a) Illustrate the various methods MoveFirst, MoveLast, MoveNext and MovePrevious with example code.

Or

- (b) What are action queries? Explain add and update.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Elaborate the visual basic IDE and its components with diagram.

17. Explain all intrinsic controls used in VB with examples and their properties.
 18. Write a VB program using array to store and display student names and marks.
 19. Design and implement a complete MDI application with menus for File (New, Open, Save) and Edit (Cut, Copy, Paste).
 20. Explain the DAO and ADO object models in detail with sample code.
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D-1194

Sub. Code

13063/13263

DISTANCE EDUCATION

**B.Sc.(CS)/B.Sc.(CS)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 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. What is software process?
2. Name any two process models.
3. Define data modeling.
4. Mention any two tasks involved in requirement engineering.
5. State two key indicators of good design quality.
6. What are the two architectural designs?
7. Comment on integration testing.
8. List out the objectives of system testing.
9. What do you mean by forecasting risks in a project?
10. How risk refinement is useful after initial risk identification?

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe the layered technology approach in software engineering.

Or

- (b) Explain about the spiral model with neat diagram.

12. (a) What is behavioral model? Explain its components in detail.

Or

- (b) What are the major components of the analysis model? Explain.

13. (a) Discuss about Shneiderman's golden rules and how they improve usability.

Or

- (b) What are the architectural styles? Briefly explain with an example.

14. (a) Identify and explain any four useful metrics used in software testing.

Or

- (b) Describe the phases involved in the art of debugging.

15. (a) Elucidate the entire risk management process with a flow diagram.

Or

- (b) Write a brief note on the main elements of an RMMM plan.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Compare and contrast the waterfall model and incremental model.
 17. Explain the requirement engineering process and how does it help in software development.
 18. Classify the various elements of the design model used in software engineering. Explain.
 19. Describe in detail about different software testing strategies and their importance in SDLC.
 20. Elaborate on reactive and proactive risk strategies with an example.
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