

**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'?
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**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.
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**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.
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**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.
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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.
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**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-1195**

**Sub. Code**

**10113**

DISTANCE EDUCATION

B.C.A. DEGREE EXAMINATION, DECEMBER 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. What are keywords in C?
2. Define : Type conversion in C.
3. Write a C program that swaps two numbers using a function and call by reference.
4. How do you declare a two-dimensional array?
5. What is a self-referential structure?
6. Write a short note about an unformatted data file.
7. Define a queue in data structures.
8. How does a singly linked list differ from a doubly linked list?
9. What is a binary tree?
10. Distinguish between linear and non-linear data structures.

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe the different types of operators available in C.

Or

- (b) Examine how a switch statement works with an example.

12. (a) What are storage classes? Explain different types of storage classes.

Or

- (b) Outline the pointer arithmetic operations with examples.

13. (a) Explore the process of defining and using a structure in C with an example.

Or

- (b) What are command-line parameters? How are they used in C program?

14. (a) Discuss the key characteristics of a stack.

Or

- (b) Provide the advantages of using circular queues over linear queues.

15. (a) Explain the difference between linear and non-linear data structures.

Or

- (b) Describe the process of inserting a node into a binary search tree.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the use of looping structures in C.
  17. Explain string handling functions in C and their significance in programming.
  18. Explore the various file-handling operations in C.
  19. What is Polish notation? Write its use in expression evaluation with an example.
  20. Describe different hashing techniques used in data structures.
-

**D-1196**

**Sub. Code**

**10123**

DISTANCE EDUCATION

B.C.A. DEGREE EXAMINATION, DECEMBER 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 questions.

1. Mention any two applications of OOP.
2. What are called symbolic constants?
3. Write down the syntax for defining a class.
4. Define the term constructor.
5. Mention the purpose of inheritance.
6. Differentiate between virtual base class and abstract class.
7. Name the different file modes in C++.
8. What are called command line arguments?
9. Give the syntax for creating a template in C++.
10. List any four rules for handling exceptions successfully.

PART B — (5 × 5 = 25 marks)

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

11. (a) Outline the basic concepts of object oriented programming.

Or

- (b) Explain symbolic constants with suitable example.

12. (a) How will you define arrays within a class? Explain it with syntax and example.

Or

- (b) Explain copy constructor with sample code.

13. (a) Explain the syntax for making a private member inheritable.

Or

- (b) Explain about formatted console I/O operations.

14. (a) Write a C++ program to read data from a text file and display it.

Or

- (b) Outline the error handling mechanism during file operations.

15. (a) Illustrate user defined templates with suitable examples.

Or

- (b) How will you handle uncaught exception? Illustrate with an example.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the control structures in C++.
  17. Write a C++ program to implement Friend function.
  18. Illustrate Multiple Inheritance with a sample program.
  19. Explain the various File operations with syntax and example.
  20. Write a C++ program to catch all exceptions.
-

**D-1197**

**Sub. Code**

**10133/12733**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION,  
DECEMBER 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 : DBMS.
2. Define : View.
3. What is meant by database schema?
4. What is the use of Primary key?
5. Give a query to destroy a table.
6. What is the usage of 'Order by' clause?
7. Define : Homogeneous database.
8. List any two uses of I/O parallelism.
9. What is meant by concurrent transaction?
10. Define : Static Hashing.

PART B — ( $5 \times 5 = 25$  marks)

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

11. (a) Write a note on Database languages.

Or

- (b) Discuss the characteristics of database systems.

12. (a) Write a note on functional dependencies.

Or

- (b) Discuss the types of integrity constraints.

13. (a) Explain the data and time functions with example queries.

Or

- (b) Discuss the concept of outer joins with examples.

14. (a) How B+ trees would help to increase performance? Explain.

Or

- (b) Write a note on ISAM.

15. (a) Discuss the concept of B-tree indexing.

Or

- (b) Compare the characteristics and working of ordered indexing and hashing.

PART C — ( $3 \times 10 = 30$  marks)

Answer any THREE questions.

16. Explain the characteristics and limitations of various data models in detail.

17. Describe the various normal forms with example tables.
  18. Explain the creation and other operations of Cursors and Triggers.
  19. Elaborate on the working of any two concurrency control protocols.
  20. Elaborate on various forms of storage and file structures.
-

**D-1198**

**Sub. Code**

**10143/12743**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION,  
DECEMBER 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 questions.**

1. What is Internet?
2. Expand the term DNS.
3. Write any two applications of OOPs.
4. What is JVM?
5. Define the term class.
6. What is package?
7. What is thread?
8. What in exception?
9. Define the term stream.
10. Write any two I/O exceptions.

PART B — (5 × 5 = 25 marks)

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

11. (a) Discuss about web browser.  
Or  
(b) Explain the role of DNS in Internet.
12. (a) Write short notes on data types in JAVA.  
Or  
(b) Discuss in details about operators in JAVA.
13. (a) Write a detailed notes on class and object.  
Or  
(b) Describe about array in JAVA.
14. (a) Discuss about thread life cycle.  
Or  
(b) List any five graphics classes in JAVA.
15. (a) Explain about byte stream.  
Or  
(b) How to create file in JAVA? Explain briefly.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in details about www.
17. Discuss about while, for and do...while loops.
18. Write a detailed notes on Inheritance with examples.
19. Explain about applet life cycle.
20. Detail on streams in Java.

**D-1199**

**Sub. Code**

**10151/12751**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION,  
DECEMBER 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 questions.**

1. What is meant by book keeping?
2. “Accounting is a science or an art” comment.
3. How is accounting related with statistics?
4. What is cost audit?
5. Discuss the limitations of financial accounting.
6. What are the differences between cost and management accounting?
7. Explain going concern concept in accounting.
8. What is an accounting equation?
9. What is the relationship between journal and ledger?
10. What is meant by cash discount?

PART B — (5 × 5 = 25 marks)

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

11. (a) Discuss the functions and scope of management accounting.

Or

- (b) Write short note on accounting principles followed in India.

12. (a) Brief the history and structure of IASC and IFRS.

Or

- (b) Describe the preparation of journal and ledger.

13. (a) Explain accounting concepts and conventions.

Or

- (b) Calculate closing stock and cost of goods sold.

Opening stock – 15000, purchases – 30000,  
purchases – 2700, sales – 48000, sales returns –  
3000, carriage inwards – 3000, ratio of gross profit  
on cost –  $33\frac{1}{3}\%$

14. (a) How do accounting policies affect ratio analysis?

Or

- (b) Explain the limitations of ratio analysis.

15. (a) Write short note on manufacturing account.

Or

- (b) Explain briefly purchases, purchase returns, sales and sales returns.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the meaning, objectives, scope and assumptions of IFRS.
17. With the help of the following ratios regarding Indu films, draw the balance sheet of the company for the year 2005
- |  |             |
|--|-------------|
| Current ratio                                      | 2.5         |
| Liquidity ratio                                    | 1.5         |
| Net working capital                                | ₹3,00,000   |
| Stock turnover ratio (cost of sales/closing stock) | 6 times     |
| Gross profit ratio                                 | 20 per cent |
| Fixed assets turnover ratio (on cost of sales)     | 2 times     |
| Debt collection period                             | 2 months    |
| Fixed assets to shareholders new worth             | 0.80        |
| Reserve and surplus to capital                     | 0.50        |
18. Explain different turnover and profitability ratios.
19. Describe the different methods of preparation of trial balance.
20. Explain the role of accounting services.
-

**D-1200**

**Sub. Code**

**10152/12752**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION,  
DECEMBER 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 a refresh rate in display systems?
2. What is the difference between Bezier and B-spline curves?
3. What is homogeneous coordinate representation?
4. Write the transformation matrix for 2D translation.
5. What is the limitation of boundary-fill and flood-fill algorithms?
6. Define a polygon surface.
7. What is an oblique projection?
8. What is the difference between model view and projection transformations?
9. What is a frame buffer in animation?
10. What is the advantage of BSP-tree over the Painter's (depth-sort) algorithm?

PART B — ( $5 \times 5 = 25$  marks)

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

11. (a) Write short note on : Raster scan systems.

Or

- (b) Explain DDA line drawing algorithm. What are the advantages and disadvantages?

12. (a) Explain in detail about Cohen-Sutherland line clipping algorithm with neat diagram.

Or

- (b) Elucidate the concept of the camera or viewer's reference frame in computer graphics.

13. (a) What is an illumination model in computer graphics? What are its types?

Or

- (b) What is a spline in computer graphics? Why are splines used?

14. (a) What is view volume for parallel and perspective projection, and why is it important?

Or

- (b) Briefly explain about 3D composite transformation.

15. (a) What is the BSP tree method? Explain its use in visible surface detection.

Or

- (b) How does the octree representation work? Explain with an example.

PART C — ( $3 \times 10 = 30$  marks)

Answer any THREE questions.

16. Explain in detail about Bresenham's line drawing algorithm with neat diagram.
  17. Describe the Sutherland-Hodgeman clipping algorithm with an example.
  18. Explain the B-spline surface representation and its advantages over Bézier surfaces.
  19. Discuss in detail about 3D geometric transformations with diagram, matrix and equations.
  20. What are different motion specification techniques in animation? Explain.
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**D-1201**

**Sub. Code**

**10153/12753**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(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 batch processing and real-time operating systems.
2. What is the function of the system call interface?
3. Explain the concept of context switching.
4. What are the key differences between a process and a thread?
5. Define critical section and its significance in synchronization.
6. What is the role of deadlock detection in an operating system?
7. Explain contiguous and non-contiguous memory allocation.
8. What is a file descriptor?

9. Explain the role of free space management in file systems.
10. What are the different types of disk scheduling algorithms?

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain different types of system structures in operating systems.

Or

- (b) Describe the role and importance of system programs.

12. (a) Discuss process synchronization and its implementation techniques.

Or

- (b) Explain the producer-consumer problem and its solutions.

13. (a) Describe the different types of deadlocks and strategies to handle them.

Or

- (b) Explain the banker's algorithm for deadlock avoidance.

14. (a) Discuss the importance of memory management in an OS.

Or

- (b) Explain fragmentation and how it is managed in an operating system.

15. (a) Explain the structure and working of secondary storage management.

Or

- (b) Discuss the importance of disk scheduling and its types.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss different file system structures and their importance.
17. Explain page replacement algorithms with examples.
18. Describe the importance of virtual memory and its working.
19. Explain file system protection and access control mechanisms.
20. Discuss the role of an operating system in device management.
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**D-1202**

**Sub. Code**

**10161/12761**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION,  
DECEMBER 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. Define management.
2. What do you mean by communication?
3. Write a note on span of control.
4. Define controlling.
5. What is a transportation problem?
6. What is the difference between transportation problem and assignment problem?
7. What is the purpose of duality in linear programming?
8. What is the significance of duality in sensitivity analysis?
9. What is the advantage of group replacement policy?
10. Define opportunistic replacement policy.

PART B — (5 × 5 = 25 marks)

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

11. (a) Distinguish between management and administration.

Or

- (b) What are the principles of decision making?

12. (a) What are the advantages of formal communication?

Or

- (b) State the benefits of controlling.

13. (a) Bring down the different types of models used in quantitative techniques.

Or

- (b) Define the concept of a basic feasible solution in a transportation problem. How is a basic feasible solution obtained?

14. (a) What are the objectives of sensitivity analysis?

Or

- (b) Define the concept of slack time in PERT. Explain its significance in project management.

15. (a) Bring down the concept of critical path in a project network. How is the critical path determined?

Or

- (b) Describe the “Opportunity-Based Replacement Policy” and its applications.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Briefly discuss the elements of Taylor's scientific management.
  17. Explain the various techniques of controlling.
  18. Discuss the advantages and disadvantages of using PERT in project planning and control.
  19. Explain the concept of Critical Path Method (CPM) and its application in project management. Discuss the advantages and disadvantages of using CPM in project planning and control.
  20. Discuss the role of condition-based maintenance in replacement policy. Explain how condition-based maintenance can be used to optimize replacement decisions.
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**D-1203**

**Sub. Code**

**10162/12762**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(Lateral Entry) DEGREE EXAMINATION,  
DECEMBER 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. Compare physical with abstract systems.
2. List the various activities and analyst should hold for a technical skill.
3. List various conditions that show today's business strategies.
4. What is meant by present value analysis? Write the formula for calculating the present value analysis.
5. Sketch the structured design method.
6. List the various standards suggested for printed output.
7. Mention various objectives considered during database design.
8. Expand HIPO and state its use.

9. List the various factors offered by the test file during its creation.
10. Mention the various review plan and its task.

PART B — (5 × 5 = 25 marks)

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

11. (a) Outline the characteristics of a system with necessary diagrams.

Or

- (b) Outline the multifaceted role of analyst.

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

Or

- (b) State the need for decision table and outline the elements and definitions in the decision table.

13. (a) Write a detailed note on various input media and devices.

Or

- (b) Mention the use of form control and list the various questions considered by the designer before launching a form control program.

14. (a) Outline on relational database.

Or

- (b) Write a note on system flowchart and program flowchart in system development.

15. (a) Summarize on various financial consideration in selection of hardware and software.

Or

- (b) Sketch and explain activity network for conversion.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. With appropriate diagram elaborate on system development lifecycle.
17. Illustrate and write a detailed note on decision tree and structured English.
18. Explain in detail about major development activities involved in system design with appropriate diagram.
19. Discuss in detail about various file organization methods with appropriate diagrams.
20. Discuss in detail about activity network for post implementation review.
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**D-1204**

**Sub. Code**

**10163/12763**

**DISTANCE EDUCATION**

**B.C.A./B.C.A.(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 toolbox in Visual Basic?
2. Write any two elements drawn on form in VB.
3. Define the term literal and give an example in VB.
4. What is meant by Tab Order?
5. List any two string functions used in Visual Basic.
6. What is the use of SubMain procedure?
7. Mention any two components required to create a menu in VB.
8. What is the job of an MDI parent form?
9. What is the purpose of MoveNext and MovePrevious methods in ADO?
10. Write any two uses of a parameterized query.

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe the structure of a visual basic project and the purpose of each window.  
Or  
(b) Explain the steps involved in designing and testing a simple VB application.
12. (a) Write a VB program using If...Then...Else and Select Case to check whether a number is Positive or Negative or zero.  
Or  
(b) Explain any five intrinsic controls, their methods and properties.
13. (a) Write a VB code to demonstrate the use of string, numeric and date/time functions.  
Or  
(b) Explain how arrays are declared and used in VB. Include a simple program.
14. (a) Describe the steps to create a menu using Menu Editor in VB and write a small program.  
Or  
(b) Write a short notes on MDI forms. Explain the steps to create and use child forms in a Visual Basic MDI application.
15. (a) Write a VB front end program to connect to back end Microsoft Access database and retrieve all records using ADO.  
Or  
(b) Explain the structure of ADO object model and describe its key components.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the complete flow of designing, coding, saving, running and building an EXE file for a visual basic project.
17. Describe all looping and decision-making constructs in visual basic with their syntax and examples.
18. Write a VB program to demonstrate the use of recursive functions and discuss the advantages of modular programming.
19. Design a multiple document interface (MDI) application in visual basic. Write code to switch between child forms and menus.
20. Explain the use of action queries in ADO (Insert, Update, Delete). Write a program to perform all the three operations using parameterized queries.

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