

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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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 — ($5 \times 5 = 25$ 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.
-

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.
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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-1175

Sub. Code

12913

DISTANCE EDUCATION

**B.Sc.(Information Technology) DEGREE EXAMINATION,
DECEMBER 2025.**

First Semester

PRINCIPLES OF INFORMATION TECHNOLOGY

(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 Data/Information?
2. List any two communication devices.
3. How to represent a binary value? Give an example.
4. What is meant by an expression?
5. Why do we need HTML?
6. Define a web browser.
7. What do you mean by an ISDN?
8. State the methodology of an intranet.
9. Mention the roles of a storage devices.
10. Write a short note on decompression.

PART B — ($5 \times 5 = 25$ marks)

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

11. (a) Write a neat sketch on the digital system.

Or

- (b) Discuss about the communication technology.

12. (a) Convert the following :

(i) $(257.122)_8$ to $(...)_{10}$

(ii) $(AC9.1A)_{16}$ to $(...)_8$.

Or

- (b) Demonstrate the steps to implement a two-level combinational circuit.

13. (a) Elaborate the various types of software.

Or

- (b) Discuss about the Intellectual Property Rights (IPR).

14. (a) Explain the process of online information services.

Or

- (b) Give a brief note on communication software.

15. (a) Write a detailed note on magnetic tapes.

Or

- (b) Analyze the criteria for rating secondary storage devices.

PART C — (3 × 10 = 30 marks)

Answer any **THREE** questions.

16. Explain the connectivity in a communication.
 17. Describe the Quine-McCluskey method with an example.
 18. Write down the applications of spreadsheets tool.
 19. Examine the factors that affect data transmission.
 20. Elaborate the features of a DBMS.
-

D-1176

Sub. Code

12923

DISTANCE EDUCATION

**B.Sc.(Information Technology) DEGREE EXAMINATION,
DECEMBER 2025.**

Second Semester

PROGRAMMING IN C AND DATA STRUCTURES

(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 keyword?
2. What is the use of scanf() function?
3. What is an array?
4. Define a pointer.
5. Define a structure.
6. What is a file pointer?
7. Define a stack.
8. What is a queue?
9. What is a binary tree?
10. Define hashing.

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the different data types in C.

Or

- (b) Describe the branching statements with syntax and examples.

12. (a) Differentiate between call by value and call by reference.

Or

- (b) Explain one-dimensional and two-dimensional arrays with syntax.

13. (a) Compare structures and unions.

Or

- (b) Explain file operations in C.

14. (a) Explain stack operations with examples.

Or

- (b) Write short notes on different types of queues.

15. (a) Explain different types of binary trees.

Or

- (b) Write a note on binary tree traversal techniques.

PART C — (3 × 10 = 30 marks)

Answer any **THREE** questions.

16. Write a C program to find the largest of three numbers using nested if.
 17. Explain the different looping constructs in C with suitable examples.
 18. Write a program to find the sum and average of elements in an array.
 19. Explain pointer arithmetic with examples.
 20. Write a program to read and write a file using file handling functions.
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D-1177

Sub. Code

12933/13133

DISTANCE EDUCATION

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

Third Semester

INTERNET AND JAVA PROGRAMMING

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What are the main protocols used for sending and receiving emails?
2. What is FTP and how does it work?
3. What is the difference between primitive and reference data types in Java?
4. What is the purpose of the main() method in Java?
5. What is inheritance in Java, and why is it used?
6. How do you import a package in Java?
7. What are the different types of exceptions in Java?
8. What is the difference between a process and a thread?
9. What is the stream class in Java, and why is it used?
10. What is the file class in Java, and why is it used?

PART B — (5 × 5 = 25 marks)

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

11. (a) Outline the working of E-mail.

Or

- (b) Explain advantages and disadvantages of Telnet.

12. (a) What are the key features of Java?

Or

- (b) Discuss different types of decision-making statements in Java.

13. (a) Demonstrate the different types of constructors with examples.

Or

- (b) Illustrate the different ways to create a string and discuss important string methods with examples.

14. (a) Describe each state in life cycle of thread.

Or

- (b) Write the steps to create an applet.

15. (a) Analyze byte stream classes in Java with examples.

Or

- (b) What is the purpose of the file class in Java? Explain with an example.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss key components of internet search engine.
 17. Explain looping statements in Java.
 18. Illustrate the concept of method overriding with an examples.
 19. Discuss Graphics class in Java and write an applet code to draw lines and rectangles.
 20. Write a Java program that takes user input and writes it to a file, then reads and displays the content.
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D-1178

Sub. Code

12943/13143

DISTANCE EDUCATION

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

Fourth Semester

OPEN SOURCE SOFTWARE

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define open-source software.
2. Mention two advantages of using Linux as an operating system.
3. What is the difference between kernel mode and user mode?
4. State any two features of MySQL.
5. Write a use of the ORDER BY clause in MySQL.
6. What is a variable in PHP?
7. Mention any two string manipulation functions in PHP.
8. What are Python tuples?
9. List any two control structures in Perl.
10. Write the purpose of modules in Python.

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the need for open-source software with suitable examples.

Or

- (b) Write short notes on cloning and signals in Linux.

12. (a) Describe the process of setting up a MySQL user account.

Or

- (b) Explain how data is inserted and retrieved in MySQL with syntax.

13. (a) Explain PHP and SQL database connectivity with a small code snippet.

Or

- (b) Discuss debugging techniques in PHP.

14. (a) Discuss python dictionaries and their operations with examples.

Or

- (b) Describe conditionals and loops in Python with examples.

15. (a) Explain Perl subroutines with syntax and example.

Or

- (b) Explain Perl parsing rules with suitable examples.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the architecture and major components of the Linux operating system.
 17. Discuss how OOP is implemented in PHP with examples.
 18. Write a python program to demonstrate file handling, including reading and writing to a file. Explain the steps.
 19. Explain python modules and how to create and use them in a project, with sample code.
 20. Write a PHP script to send an email and explain each step.
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D-1179

Sub. Code

12951/13151

DISTANCE EDUCATION

B.Sc.(IT)/B.Sc.(IT)(Lateral Entry) DEGREE EXAMINATION,
DECEMBER 2025.

Fifth Semester

DISCRETE MATHEMATICS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define primary statement.
2. Find the power set of the set $S = \{a, b, c\}$.
3. Define irreflexive.
4. Define well ordered set.
5. Define constant function with example.
6. Define floor and ceiling.
7. Define isomorphism.
8. Define Kernel.
9. Define adjacency matrix of a graph.
10. Define length of a path.

PART B — ($5 \times 5 = 25$ marks)

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

11. (a) Construct the truth table for the formula $\neg(P \wedge Q) \iff (\neg P \vee \neg Q)$.

Or

- (b) Show that $R \rightarrow S$ can be derive from the premises $P \rightarrow (Q \rightarrow S)$, $\neg R \vee P$, and Q .

12. (a) Let $X = \{1, 2, 3, 4\}$ and $R = \{(1,1), (1,4), (4,1), (4,4), (2,2), (2,3), (3,2), (3,3)\}$. Write the matrix of R and sketch its graph.

Or

- (b) Let $X = \{2, 3, 6, 12, 24, 36\}$ and the relation \leq be such that $x \leq y$ if x divides y . Draw the Hasse diagram of (X, \leq) .

13. (a) Show that $A \cap (B \cup C) = (A \cap B) \cup (A \cap C)$.

Or

- (b) Show that the functions $f(x) = x^3$ and $g(x) = x^{1/3}$ for $x \in \mathbb{R}$, are inverse of one another.

14. (a) Prove that the set of all semigroup endomorphisms of a semigroup is a semigroup under the operation of (left) composition.

Or

- (b) State and prove the Lagrange theorem.

15. (a) Show that every node of a digraph lies in exactly one strong component.

Or

- (b) State and prove the law of a total probability.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Show that $(x)(P(x) \vee Q(x)) \Rightarrow (x)P(x) \vee (\exists x)Q(x)$.

17. If $M_R = \begin{bmatrix} 1 & 0 & 1 \\ 1 & 1 & 0 \\ 1 & 1 & 1 \end{bmatrix}$ and $M_S = \begin{bmatrix} 1 & 0 & 0 & 1 & 0 \\ 1 & 0 & 1 & 0 & 1 \\ 0 & 1 & 0 & 1 & 0 \end{bmatrix}$, find

$M_{R \bullet S}$, $M_{\bar{R}}$, $M_{\bar{S}}$, $M_{\overline{R \bullet S}}$, and show that $M_{\overline{R \bullet S}} = M_{\bar{S} \bullet \bar{R}}$.

18. Let $f(x) = x + 2$, $g(x) = x - 2$ and $h(x) = 3x$, for $x \in R$, where R is the set of real numbers. Find $g \circ f$; $f \circ g$; $f \circ f$; $g \circ g$; $f \circ h$; $h \circ g$; $h \circ f$ and $f \circ h \circ g$.

19. Prove that every finite group of order n is isomorphic to a permutation group of degree n .

20. A bowl C_1 contains 3 red and 7 blue chips and bowl C_2 contains 8 red and 2 blue chips. All chips are identical in size and shape. A die is cast and bowl C_1 is selected if five or six spots show on the side that is up; otherwise bowl C_2 is selected. The selected bowl is handed to another person and one chip is taken at random. Say that this chip is red, an event which we denote by C . Find $P(C_1 | C)$ and $P(C_2 | C)$.

D-1180

Sub. Code

12952/13152

DISTANCE EDUCATION

**B.Sc.(Information Technology)/B.Sc.(IT)(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. What are the main functions of an operating system?
2. Differentiate kernel mode and user mode.
3. List any two types of scheduling algorithm.
4. Define context switching.
5. What is the purpose of the fork() system call?
6. State any two necessary conditions for deadlock.
7. What is known as a fragmentation?
8. Define a space management in OS.
9. Write a short note on directory.
10. What is the role of a device driver in an OS?

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe the architecture of a computer system.

Or

- (b) Explain about the system calls.

12. (a) Elaborate the criteria for scheduling.

Or

- (b) Explain different types of process scheduling.

13. (a) What is deadlock detection and recovery? Explain with examples.

Or

- (b) Explain deadlock avoidance technique.

14. (a) Evaluate the concept of segmentation.

Or

- (b) Explain the variable partition scheme with an example.

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

Or

- (b) Describe the allocation methods in the file system.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the services of an operating systems.

17. Compare preemptive and non-preemptive scheduling.

18. Explain the methods to handle deadlocks.
 19. Discuss the methodology of swapping in OS.
 20. Write about the implementation of a file system.
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D-1181

Sub. Code

12953/13153

DISTANCE EDUCATION

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

Fifth 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 ER model.
2. What is the purpose of Query processor?
3. Write the command to drop table.
4. Recall any two Algebra operations.
5. List the normal forms.
6. State the purpose of Lossless join decomposition.
7. Write the different transaction states.
8. Identify the function of multiple granularity.
9. Recognize the purpose of indexing.
10. What is tree based indexing?

PART B — (5 × 5 = 25 marks)

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

11. (a) Outline the purpose of data abstraction.

Or

- (b) What are the additional features of ER model?

12. (a) Describe the integrity constraints over relations.

Or

- (b) Discuss domain relational calculus with example.

13. (a) Summarize AND, OR, NOT operators in SQL query.

Or

- (b) Illustrate first and second normal form with example.

14. (a) Elaborate the implementation of atomicity and durability.

Or

- (b) Explain multiple granularity in transaction.

15. (a) Analyze file organization of data on external storage.

Or

- (b) Recall Hash based indexing with example.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss a case study on conceptual design for large enterprises.
 17. Explain the functionality of tuple relational calculus with example.
 18. Illustrate Lossless join decomposition with example.
 19. Analyze remote backup systems.
 20. Discuss about B+ trees : a dynamic index structure.
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D-1182

Sub. Code

12961/13161

DISTANCE EDUCATION

**B.Sc.(Information Technology)/B.Sc.(IT)(Lateral Entry)
DEGREE EXAMINATION, DECEMBER 2025.**

Sixth Semester

.NET 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 .NET Framework?
2. List the two main components of .NET framework.
3. State the uses of the message box control.
4. List the purpose of the Radio button control in VB.NET.
5. Write a sample code to add text using a ComboBox control.
6. How to create menus in visual studio?
7. State the uses of dialog boxes.
8. Comment on exception handling.
9. Mention the main components of ADO.NET.
10. Define data set in ADO.NET.

PART B — (5 × 5 = 25 marks)

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

11. (a) Describe the functions of the Common Language Runtime (CLR).

Or

- (b) Elucidate the functionalities of solution explorer in visual studio.

12. (a) Discuss an event driven programming.

Or

- (b) Write a short note on Label control and Textbox control.

13. (a) Describe the uses of progression bar with example.

Or

- (b) How to insert a menu using menu strips? Explain with example.

14. (a) Summarize the types of unstructured error handling.

Or

- (b) Elucidate the concept of MDI parent form and child form.

15. (a) Explain the role of SqlCommand, SqlConnection, and SqlDataReader in ADO.NET with an example.

Or

- (b) Discuss the features of DataGridView with an example program.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the architecture of the .NET Framework.
 17. Describe any five common tools with clear example.
 18. Write a detailed note on List Box and Checked List Box.
 19. Discuss sub procedures and functions.
 20. How to create an ADO.NET database application? Write an example.
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D-1183

Sub. Code

12962/13162

DISTANCE EDUCATION

**B.Sc.(Information Technology)/B.Sc.(IT)(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. List any two characteristics of a system.
2. Define system design in SDLC.
3. Mention two key objectives of system analysis.
4. How does observation help in fact-finding?
5. Why is input validation important in system design?
6. Mention two types of output design.
7. List two major development activities in system design.
8. Name two types of files.
9. Name the three main types of databases.
10. Expand HIPO, VTOC.

PART B — (5 × 5 = 25 marks)

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

11. (a) Compare and contrast MIS and DSS.

Or

- (b) Discuss the major activities involved in the implementation phase.

12. (a) Describe the steps involved in the preliminary investigation phase.

Or

- (b) Elucidate the steps in conducting a feasibility analysis.

13. (a) Describe the three types of output design (printed, display and audio).

Or

- (b) Demonstrate the role of forms control in system design.

14. (a) Explain the different types of files used in a computer system.

Or

- (b) Discuss the key features of a network database model.

15. (a) Summarize the uses of a structured walkthrough in system development.

Or

- (b) Compare parallel conversion and direct conversion.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain the different phases of the System Development Life Cycle (SDLC) in detail.
 17. Elucidate the different fact-finding techniques used in system analysis.
 18. Discuss the major development activities involved in system design.
 19. Explain the role of indexing in database systems and how it enhances data retrieval.
 20. Clarify the four system conversion methods with their advantages and disadvantages.
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D-1184

Sub. Code

12963/13163

DISTANCE EDUCATION

**B.Sc.(Information Technology)/B.Sc.(IT)(Lateral Entry)
DEGREE EXAMINATION, DECEMBER 2025.**

Sixth Semester

MULTIMEDIA AND ITS APPLICATIONS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define WWW.
2. List any two multimedia software tools.
3. Define quantization in digital audio.
4. What is MIDI in digital audio?
5. Define Run-Length Coding (RLC).
6. Comment on arithmetic coding.
7. What is MPEG?
8. Define the main principle of audio compression.
9. What is a multimedia network?
10. List two main transmission modes used in multimedia networks.

PART B — ($5 \times 5 = 25$ marks)

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

11. (a) Explain in detail about hypermedia.

Or

- (b) Identify the impact on multimedia development.

12. (a) Describe the process of sound digitization.

Or

- (b) Examine the different types of video signals.

13. (a) Explain Variable-Length Coding (VLC) with an example.

Or

- (b) Write a short note on Dictionary-Based coding with an example.

14. (a) Distinguish the difference between intra-frame and inter-frame compression.

Or

- (b) Explain motion compensation in video compression.

15. (a) Outline the challenges on multimedia data transmission.

Or

- (b) State on Media on Demand (MoD).

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Illustrate the evolution of the World Wide Web and its impact on multimedia development.
 17. Discuss the role of MIDI in digital audio, including its applications and advantages.
 18. Describe the quantization in Image Compression in detail.
 19. Explain the basic audio compression techniques.
 20. Demonstrate on multimedia network communication.
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