

D-6658

Sub. Code

11A

DISTANCE EDUCATION

COMMON FOR

B.A./B.Sc./B.B.A/B.B.A(Banking)/B.C.A./M.B.A. (5 Years
Integrated) DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

First Semester

Part I - TAMIL - Paper I

(CBCS 2018 - 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

பகுதி அ — (10 × 2 = 20 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் விடையளிக்க.

1. பாரத போர் முடிக்க கண்ணன் எடுத்தது யாது?
2. ஆயர்பாடியில் தாய்மடியில் மாயக்கண்ணன் தூங்கியது எவ்வாறு?
3. இருக்கிறதெல்லாம் பொதுவாய்ப் போனால் என்ன நடக்காது ?
4. 'பாதரமாதா திருப்பள்ளி எழுச்சி' பாடியவர் ?
5. நாமக்கல் கவிஞரின் இயற்பெயரைக் குறிப்பிடுக.
6. 'எதற்காக' என்ற கவிதையின் ஆசிரியர் யார் ?
7. சிலப்பதிகாரம் எத்தனைக் காதைகளால் அமைந்துள்ளது ?

8. தயரதன் மந்திர ஆலோசனை நடத்த காரணம் யாது ?
9. உமறுப்புலவர் - சிறு குறிப்பு வரைக.
10. தேம்பாவணி நூல் குறிப்புத் தருக.

பகுதி ஆ — (5 × 5 = 25 மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடை தருக.

11. (அ) கண்ணன் புகழ் பாடும் இயற்கைப் பொருட்களைக் கண்ணதாசன் எங்ஙனம் விளங்குகிறார்?
(அல்லது)
(ஆ) 'நெஞ்சில் குடியிருக்கும்' என்ற பாடலில் காதலர்கள் உரையாடுமாற்றை விவரிக்க.
12. (அ) பாரதியார் கூறும் 'உலக வழக்கம்' குறித்த செய்திகளை எடுத்துரைக்க.
(அல்லது)
(ஆ) பிறைநிலவுப் பற்றி கவிஞர் பெ.தூரன் கவிப்பாடுமாற்றை எழுதுக.
13. (அ) பாரதத்தின் பெருமையும் நோயின் வலிமையும் என நாமக்கல் கவிஞர் எவற்றைக் கூறுகிறார்?
(அல்லது)
(ஆ) மீராவின் பவிதைகள் தரும் கருத்துக்களை எழுதுக.
14. (அ) வாயில் காவலர்க்குத் தன்வரவினைக் கண்ணகி எங்ஙனம் உரைத்தாள்?
(அல்லது)
(ஆ) தசரதன் இராமனுக்கு உரைத்த அறிவுரைகளை எடுத்தெழுதுக.

15. (அ) ஆயர்கள் கன்னித்தாயை வணங்கி வரவேற்ற நிகழ்வை விளக்கி எழுதுக.

(அல்லது)

(ஆ) நபிகள் ஈத்தங்குலை வரவழைத்தமைக்கான காரணத்தை எழுதுக.

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு மூன்றனுக்குக் கட்டுரை வடிவில் விடை தருக.

16. பாரத மாதாவின் திருப்பள்ளி எழுச்சிச் சிறப்பை விவரிக்க.
17. பாரதிதாசன் உலகிற்குக் காட்டும் வழியை நும் பாடப்பகுதியால் எடுத்துரைக்க.
18. சிற்பி, 'சர்ப்ப யாகம்' கவிதை வழி உரைக்கும் செய்திகளை விரிந்துரைக்க.
19. கண்ணகி வழக்குரைத்த பாங்கை இளங்கோவடிகள் பாடுமாற்றை எழுதுக.
20. தேம்பாவணி காட்சிப் படலச் செய்திகளைத் தொகுத்துரைக்க

D-6659

Sub. Code

11B

DISTANCE EDUCATION

**Common for B.A./B.Sc./B.B.A./B.B.A.(Banking)/B.C.A./M.B.A.
(5 Years Integrated) DEGREE EXAMINATION.**

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

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. State the importance of Communication.**
- 2. What are Principles of Effective Communication?**
- 3. Define Oral Communication.**
- 4. Write the Functions of intonation**
- 5. What are the advantages and uses of Words and Phrases?**
- 6. Bring out the types of Non-Verbal Communications.**
- 7. Explain the Report Writing.**

8. Briefly explain Layout.
9. Define Logical Presentation.
10. Mention any two steps that involved in Written Communication.

PART B — (5 × 5 = 25 marks)

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

11. (a) Write a short note on Effective communication.

Or

- (b) What are types of communication?

12. (a) Explain the forms of Oral Communication and its Importance.

Or

- (b) Write about the Preparation of speech.

13. (a) State the characteristics of an effective sentence.

Or

- (b) Define Final Draft.

14. (a) Write about body language and postures in Non-Verbal Communication.

Or

- (b) What are the types of Report Writing?

15. (a) Define Logical Presentation.

Or

- (b) Write the steps involved in the application for Employment and curriculum vitae.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write an essay on Communication and its importance.
 17. Define Intonation and how its function important in Oral Communication.
 18. What is mean by Written Communication and write the advantage of words and phrases
 19. Distinguish between the paragraph writing and Essay Writing.
 20. Explain Group discussion in Official Communication.
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D-6660

Sub. Code

12

DISTANCE EDUCATION

COMMON For B.A/B.Sc/ BBA/ BBA (Banking)/B.C.A/M.B.A
(5 Years Integrated) DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

First Semester

Part II- ENGLISH PAPER –I

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Why water is called as the Elixir of life?
2. What is the irony in Mrs. Packletide's Tiger?
3. How did Carl Sagan change the world?
4. What are the effects of sensual drugs?
5. Define Gerund.
6. What is the difference between modals & Semi modals?
7. What are the two basic rules for Direct and Indirect speech?

8. Define tenses and its types.
9. What is descriptive paragraph?
10. Define Dialogue Writing.

PART B — (5 × 5 = 25 marks)

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

11. (a) What makes water one of the most powerful and wonderful thing on the earth?

Or

- (b) In what way did the villagers help Mrs. Packletide shoot the tiger?

12. (a) What is the authors view is essential to Indian civilization?

Or

- (b) What are the impacts of Drug Abuse.

13. (a) Define Articles and its types with examples.

Or

- (b) Write a short notes on modals.

14. (a) Briefly explain Preposition with suitable examples.

Or

- (b) What are rules for Direct and Indirect speech?

15. (a) Bring out the format of Formal Letter Writing.

Or

- (b) List out the features of Paragraph writing.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Illustrate the concept of “The Cat” by Catharine M. Willson.
17. “The Hazards of Drug Abuse” in Dangers of Drug Abuse.
18. Analyse the idea of “Our Civilization” by C.E. Foad.
19. Define transformation of sentences Write its types with example
20. Develop the following hints into a readable passage and give a suitable title.

A rich farmer - lot of land - cattle and servants - two sons - happy life - After some years younger son unhappy - asked for his share of the property - wouldn't listen to father's advice - got his share - sold them all - went away to another country-fell into bad ways - soon all money gone - poor - no one to help him - understood his mistake.

D-6697

Sub. Code

12913

DISTANCE EDUCATION

B.Sc (IT) DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

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. Define Computer.
2. List out any two elements of Communications Systems.
3. Expand the following: (a) HTML (b) XML
4. What is meant by Specialised Software?
5. Why Registers are used?
6. Find 2's Complement of 100112?
7. What do you mean by EDI.
8. What is meant by Local Networks?

9. What is Decompression?
10. List out the types of DBMS?

PART B — (5 × 5 = 25 marks)

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

11. (a) Discuss about the number system in detail.

Or

- (b) List and explain the types of Connectivity of Computers.

12. (a) Write short notes on Programming Languages.

Or

- (b) List and explain Intellectual property rights.

13. (a) Explain about the Use of Complements.

Or

- (b) Describe De Morgan's theorems with suitable example.

14. (a) Write short notes on The Internet-Shared Resources.

Or

- (b) Explain Cyber ethics and its importance in detail.

15. (a) Explain about Secondary Storage Devices.

Or

- (b) List and explain the Types of Database Organization.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss the merits and demerits of Communication Systems.
 17. Describe Application Software in detail.
 18. Illustrate Quine-McKluskey method with suitable example.
 19. Briefly explain about Video Communications with suitable example.
 20. Explain DBMS in detail. List out the features of DBMS How it is differ from the management system.
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D-6661

Sub. Code

21A

DISTANCE EDUCATION

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

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Second Semester

Part I – TAMIL PAPER – II

(CBCS 2018 – 19 Academic year onwards)

Time : Three hours

Maximum : 75 marks

பகுதி அ — (10 × 2 = 20 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் விடையளிக்க.

1. வீரமாமுனிவரின் பிற நூல்கள் யாவை?
2. வீரமாமுனிவர் சூசையப்பரை எவ்வாறு அழைக்கிறார்?
3. உழிஞைப் போர் என்றால் என்ன?
4. தாய் கதையின் மையக்கரு எது?
5. முதலெழுத்துக்கள் யாவை?
6. வினைச்சொல் என்றால் என்ன?
7. தமிழுக்குத் தொண்டு செய்த கிறித்துவ தமிழறிஞர்கள் சிலரைக் குறிப்பிடுக.
8. புதினம் என்றால் என்ன?
9. ந. பிச்சமூர்த்தி குறிப்பு வரைக.
10. பெரிய புராணம் எதனை விளக்குகிறது?

பகுதி ஆ — (5 × 5 = 25 மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடை தருக.

11. (அ) இறைவன் பொறை, மீடி, தாழ்வு கொண்டதன் காரணங்கள் யாவை?

(அல்லது)

(ஆ) நற்பலன் தருபவன் இறைவன் எனும் கூற்றினை வீரமாமுனிவர் வழி நின்று விவரி.

12. (அ) வானவீதியின் - சிறுகதையில் காணலாம் சமுதாயச் செய்திகளைத் தருக.

(அல்லது)

(ஆ) இகல் மதில் குடிமி கொண்ட மண்ணு மங்கலம் பற்றி நீவிர் அறிவது யாது?

13. (அ) அல்வழிப்புணர்ச்சியை சான்றுடன் விளக்குக.

(அல்லது)

(ஆ) மொழி இறுதியெழுத்து பற்றி நீவிர் அறிவது யாது?

14. (அ) இதழ்கள் தமிழுக்கு ஆற்றிவரும் செய்திகள் எவை? விளக்குக.

(அல்லது)

(ஆ) பெரிய புராணத்தில் தரப்படும் செய்திகள் எவை? விளக்குக.

15. (அ) இருபதாம் நூற்றாண்டில் உரைநடை வளர்ச்சிக்குப் பங்களிப்பு செய்த எவரேனும் இருவர் குறித்த செய்திகளைத் தருக.

(அல்லது)

(ஆ) சமண சமயத்தவர்கள் தமிழுக்கு ஆற்றிய தொண்டுதனை சுருக்கித் தருக.

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

பின்வரும் வினாக்களில் மூன்றனுக்குக் கட்டுரை வடிவில் விடை தருக.

16. நும் பாடப் பகுதியில் அமைந்துள்ள தேம்பாவணி காட்சிப்படலத்தில் வீரமாமுனிவர் காட்டும் இறை பக்தியை விளக்குக.
17. கம்பன் புறத்திணையில் காணப்படும் தும்பைப் போர் குறித்து கட்டுரை வரைக.
18. ஆகுபெயரின் இலக்கணம் கூறி அதன் வகைகளைச் சான்றுகளுடன் விளக்குக.
19. வைணவர்கள் தமிழுக்கு ஆற்றிய தொண்டு குறித்து கட்டுரை வரைக.
20. இக்கால இலக்கியங்களில் புதுக்கவிதையின் தோற்றம் வளர்ச்சி குறித்து கட்டுரை வரைக.

D-6662

Sub. Code

21B

DISTANCE EDUCATION

COMMON FOR B.A./B.Sc./B.B.A./B.B.A.
(Banking)/B.C.A./M.B.A. (5 YRS INTEGRATED) DEGREE
EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Second Semester

Part I — COMMUNICATION SKILLS – II

(CBCS 2018-19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What are the codes of communication?
2. Explain the process of responding a communication.
3. Bring out the ways to improve one's fluency in spoken English.
4. Define labio-dental sounds with examples.
5. Explain the back vowels.
6. What is the significance of listening?
7. What is meant by emotional mode on conversation?
8. What is a reference in a resume?

9. Give details of goodwill letters.
10. Bring out the importance of technical writing.

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Discuss the process of encoding and decoding a language in communication.

Or

- (b) Write a note on the various responses of communication.

12. (a) Write a note on the articulation of the consonants of English.

Or

- (b) Define and explain triphthongs.

13. (a) Give a brief account of presentation skills.

Or

- (b) What is the significance of telephonic interview?

14. (a) What are the guidelines to be followed while attending an interview?

Or

- (b) Write a paragraph on the topic “Health is Wealth”.

15. (a) Discuss the guidelines to publish an article in a newspaper.

Or

- (b) Enumerate the role played by an editor in a journal.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE of the following questions.

16. 'Communication skills allow you to understand and be understood by the others' – Discuss.
 17. Discuss the salient features of speaking English effectively.
 18. Write an essay on the types of purposes of writing.
 19. You are annoyed by the milk supply of the State Dairy Corporation. Write to the Chairman.
 20. Take a book you know well and write an alternate ending that is the exact opposite of the real ending.
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D- 6663

Sub. Code

22

DISTANCE EDUCATION

COMMON FOR BA/B.SC/BBA/BBA(BANKING)/BCA/MBA
FIVE YEAR INTEGRATED DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Second Semester

PART II – ENGLISH PAPER – II

(CBCS – 2018-19 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Why did Wordsworth compose the poem “Lines” composed upon Westminster Bridge?
2. Describe the urn in the poem “Grecian Urn”.
3. What are the symbolic elements in “The Road Not Taken”?
4. Describe the war elements in “Strange Meeting”.
5. Why is “Gitanjali” considered as a song offering?
6. What is the relation between Antonio and Shylock in “The Merchant of Venice”?

7. Explain two types of essays.
8. What is the purpose of writing a report?
9. When do you write a Newsletter?
10. Write two significant Characteristics of interview skills.

PART B — (5 × 5 = 25 marks)

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

11. (a) Consider Shakespeare as a sonneteer.

Or

(b) Discuss the character of Lucrezia in “Andrea Del Sarto”.
12. (a) Consider Wilfred Owen as a war poet in “Strange Meeting”.

Or

(b) Discuss the theme of “Gitanjali”.
13. (a) Critically analyse Sarojini Naidu’s “The Coromandel Fishers”.

Or

(b) Enumerate the background of the poem “The Express”.
14. (a) Discuss the “Pound of Flesh” scene in “The Merchant of Venice”.

Or

(b) Discuss the character of Bassanio in “The Merchant of Venice”.

15. (a) Write a report on the recently celebrated college day function.

Or

- (b) Write a letter to the principal complaining about the lack of library facilities.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Critically appreciate “Grecian Urn” by John Keats.
17. Consider “The Road Not Taken” as an allegory.
18. Justify the title “The Coromandel Fishers” by Sarojini Naidu.
19. Consider “The Merchant of Venice” as a Romantic comedy.
20. Attempt a creative writing on the topic: “If you could be any famous person for a day, who would you want to be? Why?”
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D-6698

Sub. Code

12923

DISTANCE EDUCATION

B.Sc. (Information Technology) DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

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 Control statement? List any four.
2. Write the general format of the Nested control structure.
3. Define Macros.
4. What is meant by Recursion?
5. Illustrate the general structure of the Union.
6. List the difference between Structure and Array.
7. Define: PUSP and POP.
8. Convert the infix notation, $a+b/c$ to a postfix.

9. Define complete binary / Tree
10. Define Hashing.

PART B — (5 × 5 = 25 marks)

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

11. (a) Compare the “Break” statement with "Continue" statement.

Or

- (b) What is a Variable? State the rules to define a variable in C compiler.
12. (a) How to pass an array variable to a function? Give an example.

Or

- (b) Write a program to find average of N numbers using recursion function.
13. (a) What is meant by Self-referential structure? Explain with all example.

Or

- (b) Explain the Command line parameters.
14. (a) Discuss about the Header Linked list.

Or

- (b) Explain the various operations on Stack.
15. (a) List the applications of the Binary tree.

Or

- (b) Write a program to delete a node in a binary tree.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe the various looping structures in C compiler.
 17. Illustrate different types Arrays with examples.
 18. Compare the Array, Structure, and Union in C compiler.
 19. Discuss the Doubly linked list with examples.
 20. Describe the Tree Traversing techniques.
-

D-6664

Sub. Code

31A

DISTANCE EDUCATION

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

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Third Semester

Tamil

Part I – TAMIL – PAPER III

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

பகுதி அ — (10 × 2 = 20 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் விடையளிக்க.

1. முல்லைப்பாட்டின் ஆசிரியர் பெயரைத் தருக.
2. 'நெடுந்தொகை' என அழைக்கப்படும் எட்டுத் தொகை நூல் எது?
3. குறிஞ்சித்திணைக்கான உரிப்பொருளைக் குறிப்பிடுக.
4. பரணர் பாடியப் பாடல்களின் எண்ணிக்கையைத் தருக.
5. நற்றிணை – பெயர்க்காரணம் கூறுக.
6. பாசறை – சிறுகுறிப்பு வரைக.

7. பாடாண்திணையை வரையறு.
8. திருக்குறள் எப்பா வகையால் இயற்றப்பட்டுள்ளது?
9. நான்மணிக்கடிகையின் ஆசிரியர் யார்?
10. இராசராசனின் தமக்கையார் பெயரை எழுதுக.

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

பின்வரும் வினாக்களுக்கு ஒருபக்க அளவில் விடை தருக.

11. (அ) ஐங்குறுநூற்றைப் பற்றி விரிவாக எழுதுக.

(அல்லது)

(ஆ) குறிஞ்சித் திணையின் சிறப்புகளைத் தொகுத்துரைக்க.

12. (அ) பரணரின் புலமைத் திறத்தைப் பாராட்டியுரைக்க.

(அல்லது)

(ஆ) அகநானூற்று நூலின் அமைப்பும் பகுப்பும் குறித்து எழுதுக.

13. (அ) நற்றிணையில் சிலப்பதிகாரச் சாயல் அமைந்த பாடலை எடுத்துரைக்க.

(அல்லது)

(ஆ) கையறுநிலையைத் துறைகளுடன் விளக்குக.

14. (அ) அறிவுடையார் குறித்து வள்ளுவர் உரைக்குமாற்றை எழுதுக.

(அல்லது)

(ஆ) யார் யார் உயிர் வாழ மாட்டார்கள் என நான்மணிக்கடிகை கூறுகின்றது?

15. (அ) இராசஇராசசோழன் நாடகத்தின் சதைச்சுருக்கத்தை எழுதுக.

(அல்லது)

(ஆ) சுவடுகள் நாவலின் 'இராசாத்தி' பாத்திரப் படைப்பை மதிப்பிடுக.

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

பின்வரும் வினாக்களில் மூன்றனுக்குக் கட்டுரை வடிவில் விடை தருக.

16. முல்லைநில இயல்புகளை முல்லைப்பாட்டின் வழி விரித்துரைக்க.
17. குறிஞ்சிக்குக் கபிலர் என்பார் கருத்தை நும் பாடப் பகுதியால் விளக்குக.
18. நப்பசலை பாடல்களின் கருத்துக்களைத் தொகுத்துரைக்க.
19. தலைமகன் பாசறையிலிருந்து பேசுமாற்றைச் சேந்தம்பூதனார் வழி விளக்குக.
20. 'சுவடுகள்' என்னும் நாவலின் கதைக்கருவை விளக்கி வரைக.

D-6665

Sub. Code

31B

DISTANCE EDUCATION

COMMON FOR B.A./B.Sc./B.C.A./M.B.A (5 yrs Integrated)
DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Third Semester

Part I — HUMAN SKILLS DEVELOPMENT — I

(CBCS 2018-19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define Interpersonal Behaviour.
2. Write about developing Skills.
3. What is mean by Etiquette?
4. What are significance of thinking ahead?
5. What is Self-acceptance?
6. What are the types of Goat Setting?
7. Write the importance of change Resistance.
8. Define Competitive Negotiation.

9. What are the canons of good human relations?
10. What is mean by stress?

PART B — (5 × 5 = 25 marks)

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

11. (a) What are the merits of good habits?

Or

- (b) Write the features of Interpersonal Behaviour?

12. (a) Write the Difference between Self-Concept and Self-Esteem.

Or

- (b) What are the Etiquettes in using mobile and telephones?

13. (a) Write the characteristic and style of leadership.

Or

- (b) Explain the importance of Goal setting.

14. (a) Write the structure and style of Negotiating skills?

Or

- (b) How to develop the positive attitudes?

15. (a) Write about the conflict Management.

Or

- (b) Explain the consequences of Anger Management.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write about Human skills and its Habits.
 17. Explain about self-concept and its Meanings.
 18. What is mean by Decision Making Skills and what are the steps involved in Decision Making?
 19. Define Attitudes and How to develop the Positive attitude?
 20. Elaborate Human Relation Skill and the Need of good human relations.
-

D-6666

Sub. Code

32

DISTANCE EDUCATION

COMMON FOR B.A./B.Sc./B.C.A./MBA (5 Yrs. Integrated)
DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Third Semester

English

Part II — ENGLISH PAPER — III

(CBCS 2018-19 Academic Year onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What method does Swami used to get out of his father's challenge?
2. Who is Ratan?
3. What is the Verger's Opinion about reading?
4. How does Mr. James change his attitude?
5. Who was Eddie and how was he killed?
6. What sort of proposal is Anton Chekhov play the proposal about?
7. Write a short analysis of 'Progress' by St. John Ervine.

8. Who are Jean and Pierre in 'The Pie and the Tart'?
9. What are the travail in "The Refugee"?
10. Define Noun with examples.

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain the Sense of Belonging and separation in 'Post Master'.

Or

- (b) What happened between the vicar and the Verger?

12. (a) How does Philip prove himself a mature and responsible man?

Or

- (b) How differently professor Henry Corrie and Mrs. Meldon think about war?

13. (a) Discuss the clash of tradition and modernity as presented in the boy comes here.

Or

- (b) Explain the James R. Waugh 'The Silver Idol'.

14. (a) Write the Jean's trick in 'The pie and the Tart'.

Or

- (b) Give a note on four friends experience in Reunion.

15. (a) Explain Parts of Speech.

Or

(b) How do you write an agenda for a meeting?

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. What is the central idea of the story The Diamond Necklace?
17. Why marriage proposal important to all the characters in “The Proposal” by Aton Chekhov.
18. Sketch the character of Gaultier from ‘The Pie and the Tart’.
19. Explain the political, Economical issues in Asif Currimbhoy’s ‘The Refugee’.
20. Differentiate verb and adverb with suitable examples.
-

D-6699

Sub. Code

12933/13133

DISTANCE EDUCATION

B.Sc.(IT)/ B.Sc. (IT) (Lateral) DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

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. Define DNS.
2. What is IRC?
3. List out the applications of OOP.
4. What are the looping statements?
5. Define a class with example.
6. What is the syntax for creating array in Java?
7. What is synchronization?
8. Write the syntax of multiple catch statements.

9. Define the concept of streams.
10. What is FileInputStream?

PART B — (5 × 5 = 25 marks)

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

11. (a) What are the requirements for connecting to the internet? Explain.

Or

- (b) Define web browser. Explain some of the web browser.

12. (a) Describe the basic concepts of Java.

Or

- (b) Illustrate decision making and branching statement.

13. (a) Explain overriding methods with example.

Or

- (b) Discuss packages in Java.

14. (a) Write Java applet program for designing web page.

Or

- (b) Describe applet life cycle.

15. (a) Discuss byte stream classes and character stream.

Or

- (b) Explain about graphics class with examples.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss in detail about various operators and expressions in Java with examples.
 17. Explain the concept of vectors, wrapper classes and enumerated types with examples.
 18. Write in detail about thread, life cycle of a thread, implementing runnable interface.
 19. How applets differ from applications? How to prepare and build applet code?
 20. How to read/write bytes in random access files with examples.
-

D-7172

Sub. Code

41A

DISTANCE EDUCATION

Common for B.A/B.Sc/B.C.A DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Fourth Semester

PART I TAMIL PAPER IV

(CBCS 2018-19 Academic year onwards)

Time : Three hours

Maximum : 75 marks

பகுதி அ — (10 × 2 = 20 மதிப்பெண்கள்)

அனைத்து வினாக்களுக்கும் விடையளிக்க.

1. அந்தாதித் தொடை - குறிப்பு வரைக.
2. அகவற்பா எனப்படும் பா யாது?
3. கீர்த்தனை எத்தனைப் பகதிகளைக் கொண்டது?
4. பெருத்திணை என்றால் என்ன?
5. கையறுநிலை - கொருள் விளக்கம் தருக.
6. பிறிது மொழிதல் அணியை விளக்குக.
7. 'புலவலாற்றப்படை' எனக் குறிப்பிடப்படும் ஆற்றுப்படை நூல் யாது?

8. இரட்டைக் காப்பியங்கள் எவை?
9. இயேசு காவியம் - ஆசிரியர் குறிப்பு வரைக.
10. 'பாஞ்சாலி சபதம்' காப்பியத்தின் முதன்மைப் பாத்திரம் யார்?

பகுதி ஆ — (5× 5= 25 மதிப்பெண்கள்)

பின்வரும் வினாக்களுக்கு ஒரு பக்க அளவில் விடை தருக.

11. (அ) அசை என்றால் என்ன? அதன் வகைகளை விளக்கி வரைக.

(அல்லது)

(ஆ) வெண்பாவின் இலக்கணத்தைச் சான்று காட்டி விளக்குக.

12. (அ) அன்பின் ஐந்திணைகளுக்கான விளக்கங்களை எழுதுக.

(அல்லது)

(ஆ) 'செவியறிவுறாஉ' என்பதை விளக்கிச் சான்று காட்டுக.

13. (அ) உவமை அணி இலக்கணத்தை வகைகளுடன் விளக்குக.

(அல்லது)

(ஆ) மொழி நடையில் நிறுத்தல் குறிகளை எவ்வெவ்விடங்களில் பயன்படுத்த வேண்டும்?

14. (அ) அகநானூறு குறித்த செய்திகளைத் தொகுத்துரைக்க.

(அல்லது)

(ஆ) திருக்குறள் பெருமைகளை நும் பாடப் பகுதியால் எடுத்துரைக்க.

15. (அ) சிலப்பதிகாரத்தின் தனிச்சிறப்புகளைப் புலப்படுத்துக.

(அல்லது)

(ஆ) சிற்பியின் 'மௌன மயக்கங்கள்' கவிதைகளை மதிப்பிடுக.

பகுதி இ — (3 × 10 = 30 மதிப்பெண்கள்)

பின்வரும் வினாக்களில் மூன்றனுக்குக் கட்டுரை வடிவில் விடை தருக.

16. தொடை வகைகளைச் சான்றுகளுடன் கட்டுரைக்க.
17. காஞ்சித்திணையின் துறைகளைச் சான்றுகள் காட்டி விளக்குக.
18. செய்யுள் படைப்பில் அணி இலக்கணம் பெறுமிடத்தை எடுத்துரைக்க.
19. சங்க இலக்கியங்களின் வெவ்வித தன்மைகளை விரித்துரைக்க.
20. பாஞ்சாலி பாத்திரப் படைப்பில் பாரதியார் காட்டும் முக்கியத்துவத்தைக் கட்டுரைக்க.

D-7173

Sub. Code

41B

DISTANCE EDUCATION
COMMON FOR B.A./B.Sc./B.C.A. DEGREE EXAMINATION
MAY 2021 EXAMINATION
&
MAY 2020 ARREAR EXAMINATION
Fourth Semester

PART – I HUMAN SKILLS DEVELOPMENT - II

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What are the roles of counsellor?
2. What is mean by communication?
3. Explain Organization skills.
4. What are the causes of Multi tasking skills?
5. Define leader.
6. What are the technical skills?
7. Explain the human system understanding skills.
8. Write about the organization and their major interaction.

9. How do you plan your Presentation?
10. What are the importances of problem solving skills?

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Define counselling and state the techniques of counselling.

Or

- (b) Give description about attention.

12. (a) Explain the conceptual skills.

Or

- (b) Write about the organization skills and its importance.

13. (a) What are the qualities of a good leader?

Or

- (b) Write the preparing and planning for presentation skills.

14. (a) Define society and their major interaction.

Or

- (b) What are the major interactions in human system with organisation?

15. (a) Define problem solving skills.

Or

- (b) What is mean by cooperative learning skills?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write the importance and techniques of counselling.
 17. Define technical skills. What are the tools and procedure of technical skills?
 18. Explain the causes and responsibilities of multi-tasking skills.
 19. Elaborate the understanding skills in human system.
 20. What are the causes of making social responsibilities?
-

D-7174

Sub. Code

42

DISTANCE EDUCATION

Common for B.A./B.Sc./B.C.A. DEGREE EXAMINATION

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Fourth Semester

PART II ENGLISH PAPER - IV

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Who is Schatz in 'A Day's wait'?
2. Write about Efim and Elisha in "Two old Men"
3. What happens during the Ambassador's garden party in 'Pygmalion'?
4. Discuss Swami's character as youthful.
5. How Romeo is affected by Balthazar's news?
6. Who is Polixenes?
7. Who is Leontes in Shakespeare's The Winter's tale?
8. Define phrase with examples.

9. What are the Concord rules?
10. What is question tag?

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Why does the boy tell his father to leave the sickroom in "A Day's wait"?

Or

- (b) Explain the central theme of 'Two old men'.
12. (a) In 'Pygmalion', how does Higgins display his passion and respect for the English language?

Or

- (b) Why does Higgins agree to educate the flower girl in Shaw's 'Pygmalion'?
13. (a) Write about the "Predators" Hallucination in 'Swami and friends'.

Or

- (b) Compare and contrast the Venice and Belmont in "The Merchant of Venice".
14. (a) Write the opening scene of the play "The Winter's Tale".

Or

- (b) Why is Nehru's speech called as Captivator of hearts?

15. (a) What is the significance of the first meeting held by Nehru?

Or

- (b) Expand the following proverb: The child is father of the man.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write a critical appreciation of Jim Corbett's 'Lalajee'.
17. How are Victorian social classes represented in Pygmalion?
18. Write about Bassano's reaction to Antonio's willingness to sign the bond.
19. Write an essay on Phrase and Clause with suitable examples.
20. What are the skills required for group discussion?
-

D-7226

Sub. Code

12943/13143

DISTANCE EDUCATION

B.Sc.(IT)/B.Sc.(IT) LATERAL DEGREE EXAMINATION

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Fourth Semester

OPEN SOURCE SOFTWARE

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What is the need for open source?
2. Define cloning.
3. What do you mean by SQL?
4. List any 2 open source databases.
5. Write a note on OOP.
6. Define template.
7. What is a tuple?
8. Define module.
9. How will you declare a variable in PERL?
10. Define subroutine.

SECTION B — (5 × 5 = 25 marks)

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

11. (a) What are the applications of Open Sources?

Or

- (b) Describe about LINUX user mode.

12. (a) How will you use sequences in MYSQL.

Or

- (b) Write a note on generating summary in MYSQL.

13. (a) What are all the operators available in PHP?

Or

- (b) Write a PHP program to multiply two matrices.

14. (a) Describe about Exceptions in PYTHON.

Or

- (b) Explain PYTHON FOR loop with example.

15. (a) Describe variables and data types of PERL in detail.

Or

- (b) How will you manipulate data in PERL?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Describe LINUX scheduling in detail.
17. How will you work MYSQL metadata? Explain.
18. Explain functions in PHP with example.

19. (a) Give a detailed notes on conditional structures in PYTHON.
 - (b) Write a PYTHON program to check whether the given number is prime or not.
 20. Explain packages in PERL.
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D-7227

Sub. Code

12951/13151

DISTANCE EDUCATION

B.Sc. (IT)/B.Sc. (IT)(Lateral Entry) DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Fifth Semester

Information Technology

DISCRETE MATHEMATICS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : 3 hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Construct truth table for $P \vee \neg P$.
2. Define Power set of a set A.
3. When do you say that a relation is Symmetric?
4. What is an equivalence relation?
5. Define poset.
6. Find the domain and range of the function $f = \{(1, 2), (5, 7), (p, q)\}$.
7. Give an example for a monoid.
8. State Lagrange's theorem.

9. What is Conditional probability?
10. How will you represent a graph as a matrix?

PART B — ($5 \times 5 = 25$ marks)

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

11. (a) Write the Laws of Equivalence.

Or

- (b) Show that the formula $Q \vee (P \wedge \neg Q) \vee (\neg P \wedge \neg Q)$ is a tautology.

12. (a) Let $X = \{1, 2, 3, 4\}$ and $R = \{ \langle x, y \rangle \mid x > y \}$. Draw the graph of R and also give its matrix.

Or

- (b) Given $A = \{1, 2, 3, 4\}$ and $R = \{(1, 2), (1, 1), (1, 3), (2, 4), (3, 2)\}$ and $S = \{(1, 4), (1, 3), (2, 3), (3, 1), (4, 1)\}$ are relations on A. Find $S \circ R$ and $R \circ S$.

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

Or

- (b) Let $X = \{1, 2, 3\}$ and $Y = \{p, q\}$ and $Z = \{a, b\}$. Also let $f : X \rightarrow Y$ be $f = \{(1, p), (2, p), (3, q)\}$ and $g : Y \rightarrow Z$ be $g = \{(p, b), (q, b)\}$. Evaluate $g \circ f$.

14. (a) Define the homomorphism of semi group and given a suitable example.

Or

- (b) Prove that for any commutative monoid $(M, *)$, the set of idempotent elements of M forms a submonoid.

15. (a) Discuss about the Path Matrix.

Or

- (b) Write briefly about walk, path and circuit in a connected graph.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

All questions carry equal marks

16. Obtain the principle disjunctive normal form of $P \rightarrow ((P \rightarrow Q) \wedge \neg(\neg Q \vee \neg P))$
17. Let A be a given finite set and $\rho(A)$ its power set. Let \subseteq be the inclusion relation on the elements of $\rho(A)$. Draw Hasse diagram of $(\rho(A), \subseteq)$ for
- (a) $A = \{a\}$
 - (b) $A = \{a, b\}$
 - (c) $A = \{a, b, c\}$
18. Let $f(x) = x + 2$, $g(x) = x - 2$ and $h(x) = 3x$ for $x \in \mathbb{R}$, where \mathbb{R} is the set of real numbers. Show that $(f \circ h) \circ g = f \circ (h \circ g)$.
19. Prove that every finite group of order n is isomorphic to a permutation group of order n .
20. Verify the Baye's Theorem.

D-7228

Sub. Code

12952/13152

DISTANCE EDUCATION

B.Sc.(Information Technology)/B.Sc.(IT) (Lateral Entry)
DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Fifth Semester

OPERATING SYSTEMS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define operating system. List the objectives of an operating system.
2. Explain multilevel queue scheduling.
3. Differentiate between kernel mode and user mode.
4. What are the disadvantage of single contiguous memory allocation?
5. Distinguish between logical and physical address space.
6. What is synchronization?
7. What do you mean by page fault?

8. Discuss resource allocation graph.
9. Define indexed allocation method.
10. What are the various file accessing methods?

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Explain operating system structure and functions.

Or

- (b) Explain various states of a process with a neat diagram.

12. (a) What are the criteria for evaluating the CPU scheduling algorithms? Why do we need it?

Or

- (b) What is semaphore? Explain its implementation as wait and signal for process synchronization.

13. (a) Explain the steps involved in process creation and process termination.

Or

- (b) Briefly explain single-level, two-level and tree-structured directories.

14. (a) Give the Peterson's solution to the critical section problem.

Or

- (b) What are the necessary conditions for the occurrence of deadlock?

15. (a) What are the various attributes that are associated with an opened file?

Or

- (b) Explain in detail about various ways of accessing disk storage.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

All questions carry equal marks.

16. Name five major activities of an OS with respect to process management and briefly describe why each activity is required.
17. What are the advantages and disadvantages of using the same system call interface for manipulating both files and devices?
18. What is virtual memory? Discuss the benefits of virtual memory technique.
19. What is a deadlock? How are deadlocks detected?
20. Explain the three allocation methods in file system implementation. Illustrate with proper diagram.

D-7229

Sub. Code

12953/13153

DISTANCE EDUCATION

B.Sc. (Information Technology)/B.SC.(IT) (Lateral Entry)
DEGREE EXAMINATION.

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Fifth Semester

RELATIONAL DATABASE MANAGEMENT SYSTEM
(RDBMS)

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define E-R model
2. Expand SQL
3. List down the types of join
4. Define domain relational calculus
5. What is nested query?
6. Write the query for AND operator.
7. Define consistency
8. What is the purpose of log in database?
9. What is meant by cluster indexing?
10. What is hash based indexing?

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Write about entity set and weak entity set.

Or

- (b) Briefly discuss on instances and schemas.

12. (a) Write a note on logical database design.

Or

- (b) Illustrate-selection and projection set operations.

13. (a) Why NULL values have to be disallowed?

Or

- (b) Write a short note on triggers.

14. (a) Discuss shortly on lock based protocols.

Or

- (b) What is atomicity and durability?

15. (a) Discuss on index data structure.

Or

- (b) Write a note on B+ trees.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Prove how database system is better than file system?

17. Discuss in detail on relational calculus.

18. Explain normalization process.
 19. Discuss how remote backup system works.
 20. Explain in detail about indexed sequential access methods.
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D-7230

Sub. Code

12961/13161

DISTANCE EDUCATION

B.Sc.(IT)/B.Sc.(Information Technology) (Lateral Entry)
DEGREE EXAMINATION

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Sixth Semester

.NET PROGRAMMING

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Give the purpose of class view window.
2. Write the syntax for declaring an array.
3. What is meant by event driven programming?
4. Give an example for input box.
5. Distinguish between rich text box and masked text box.
6. Mention the uses of popup menu.
7. Give the uses of progress box.
8. What is unstructured error handling? Give example.

9. Distinguish between bounded and unbounded records.
10. State the purpose of data grid view.

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Elucidate the concept of array with example.

Or

- (b) Give a brief note on the properties window and dynamic help window.

12. (a) Explain about check box and radio button with example.

Or

- (b) Explicate the important methods and events with example.

13. (a) Explain the following controls with example.

(i) List box (2.5)

(ii) Combo box (2.5)

Or

- (b) Elucidate the creation and deletion of menus with example.

14. (a) Explicate the concept of functions with example.

Or

- (b) Illuminate string manipulation in detail.

15. (a) Explain adding, deleting, saving and editing records with example.

Or

- (b) Expound briefly on populating data in ADO.Net.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explicate visual basic.net IDE in detail.
17. Explain the properties of form with example.
18. Elucidate inbuilt functions with example.
19. Describe MDI forms with suitable example.
20. Illuminate database creation using ADO.NET.
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D-7231

Sub. Code

12962/13162

DISTANCE EDUCATION

B.Sc.(Information Technology)/B.Sc.(IT) (Lateral Entry)
DEGREE EXAMINATION

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Sixth Semester

SYSTEM ANALYSIS AND DESIGN

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. List down the characteristics and elements of a system.
2. Define analysis stage of the system development life cycle.
3. What are the dimensions for planning?
4. Define cost benefit analysis.
5. How to design the physical system?
6. What is a form?

7. What are the objectives of a database?
8. Define relational database.
9. What is mean by file conversion?
10. What is the objective of post-implementation review?

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Explain briefly on elements of a system with neat sketch.

Or

- (b) Bring out the role of system analyst in the MIS organization.
12. (a) Write short notes on ways to determine the user's information requirements.

Or

- (b) Give a brief account on procedure for questionnaire construction.
13. (a) Brief on logical and physical design.

Or

- (b) Write short notes on classification of forms.
14. (a) Bring out the basics of file hierarchy.

Or

- (b) Write short notes on the types of data structure.

15. (a) Distinguish between parallel processing and system testing.

Or

- (b) Write short notes on corrective maintenance of a system.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail system development life cycle with proper illustrations.
17. Explain with neat sketch the tools used for the structured analysis.
18. Describe the design methodologies with hierarchy diagram.
19. Bring out the importance of quality assurance.
20. Explain in detail the selection procedure for software and hardware for a system.

D-7232

Sub. Code

12963/13163

DISTANCE EDUCATION

B.Sc. (Information Technology)/B.Sc. IT (Lateral Entry)
DEGREE EXAMINATION

MAY 2021 EXAMINATION

&

MAY 2020 ARREAR EXAMINATION

Sixth Semester

MULTIMEDIA AND ITS APPLICATIONS

(CBCS 2018 – 2019 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. What are the element of multimedia system?
2. Define color science.
3. What is analog video?
4. List out the advantages of digital representation for video.
5. Write about Run-length coding.
6. Difference between loss less compression and lossy compression.
7. Write short notes on audio compression.

8. What is MPEG?
9. List out any four applications of multimedia networks.
10. Define multimedia over ATM networks.

SECTION B — (5 × 5 = 25 marks)

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

11. (a) Explain editing and authoring tools.

Or

- (b) Explain Transform with Gamma correction.

12. (a) Write brief notes on high-definition TV.

Or

- (b) Discuss in detail Signal-to-Noise ratio. (SNR)

13. (a) Explain binary arithmetic coding?

Or

- (b) Explain uniform scalar quantization.

14. (a) Discuss 2D logarithmic search in video compression.

Or

- (b) What is MPEG-1? Explain MPEG-1 video bitstream.

15. (a) Explain multimedia over IP.

Or

- (b) Explain transport of MPEG-4.

SECTION C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain briefly the popular file formats.
 17. Write notes on pulse code modulation.
 18. Explain dictionary-based coding.
 19. Discuss Vocoders in audio compression.
 20. Write notes on multimedia data transmission.
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