I. Discuss various principles of copy editing with examples.

II. (Questions)

Note: Attempt five questions in all, selecting at least one question from each unit. Unit 4 compulsory.

Time: Three Hours

Paper VI

EDITING

DMDO/D-18

ROLL NO. ________________

Total Pages: 64
9. Write short notes on any four of the following:

A writer is a communicator. Discuss principles of good

B. Discuss in detail various functions of headlines in a daily

C. Discuss in detail various principles of newspaper

D. Discuss need and importance of photo editing in a daily

E. Write a detailed note on the making of a newspaper and a detailed note on the

How editorial policy helps an editor and copy editor to

A newspaper which newspaper business page does...

Like the most and why comment on it?

(IVa)
1. What is an Operating System? Explain the difference between multiprogramming and time-sharing operating systems.

2. What is an Operating System? Explain the difference between multiprogramming and time-sharing operating systems.

I. UNIT I (CSE-11)

Note: Attempt five questions in all, selecting at least one question from each Unit. No. 1 is compulsory.

Maximum Marks: 50
UNIT I (पाठ 11)

1. Write short notes on the following:

(a) Interpreted Language
(b) ROM
(c) RAM
(d) Extension of MS Word and PageMaker File
(e) Difference between save and save as command

9. Write short notes on the following:

(a) RAM (पाठ 11)

8. Discuss the advantages of QuarkXpress and PageMaker.

UNIT II (पाठ 12)

3. What do you mean by Compiler? Explain?

4. Explain the advantages of High Level Language over Machine Language and Assembly Language.

5. Discuss uses of MS-Word.

6. Write step by step procedure for preparing a Powerpoint presentation.

10. Where is DRIP?

7. Discuss some features of DRIP.

10. Why is DIP?
2. Discuss in detail duties and responsibilities of sub-editor

Examine examples.

I. Discuss in detail various principles of editing with

UNIT I (Editing)

Note: Attempt five questions in all selecting at least one question from each unit. Unit A is compulsory.

Time: Three Hours

Paper XI

EDITING

3701 MDG/D-18

Total Pages: 03
6. Discuss in detail various elements of design with examples.

5. Today's newspapers are full of design. Do you think their design have a great impact on readers? Comment on it.

UNIT III (Unit 1)

4. Discuss in detail importance of photographs in a news story with examples.

3. Discuss in detail various techniques of headlines writing.

UNIT II (Unit 1)

2. Explain in detail process of creating a web layout in a web portal.

UNIT I (Unit 1)

1. Write short notes on any four of the following:

Unit A (Unit 1)

Write short notes on any four of the following:

(a) Colour scheme
(b) Types of type
(c) Copy writing
(d) Hyperlinks
(e) Caption writing
3. Explain the different types of camera shot and angles.

II. Explain

II. Write a detailed note on "Media and Society".

I. What is the scenario of TV news channels of Kerala?

III. Explain

III. Time: Three Hours

Paper XII

TV JOURNALISM

MDA/D-18

July 4, 2011

Total Pages: 0
(v) Define Voutube.
(v) Define Scrape.
(v) Define Talk Show.
(v) Define Microphone.
(i) What is FCP?
9. Write short notes on any four of the following:

Unit II (खंड II)

(i) Define YouTube.
(ii) Define Scrape.
(iii) Define Talk Show.
(iv) Define Microphone.
(v) What is FCP?

Unit III (खंड III)

(i) Explain different filming techniques.
(ii) Why is lighting necessary for video production? Explain.
(iii) Video editing is an art—give your comments.
2. Identify and explain the objectives of public relations.

(iii) (a)

Relate two relations.

(i) Why in particular distinguishes propaganda from publicity?

Unit I (Media I)

(b) Write a short note from each Lined Lined, Lined, Lined.

Careful marks.

Note: Attempt five questions in all selecting one question from each unit.

Time: Three Hours

Paper XII

PUBLIC RELATIONS

MD0/D-18

Total Pages: 03
Unit II (Section II)

1. Write a note on SITE.

Unit I (Section I)

1. Define Communication Research. Discuss its development and significance.

Unit II (Section II)

3. Discuss need and scope of media research.

PAPER X

COMMUNICATION RESEARCH

MDG/D-18

TIME: Three Hours

Note: Attempt five questions in all, selecting at least one from each unit I-IV. U exert A is compulsory.

Maximum Marks: 80

Roll No. 03

Total Pages: 03
9. Write short notes on any four of the following:

1. **Unit I (16)***

   Discuss problems in communication research.

2. **Unit II (16)***

   Explain various sources of data.

3. **Unit III (16)***

   **Limitations**

   How a case study is conducted. Discuss its limitations.

   Discuss control and experimental studies. Panel studies. Tabulation.
3. What are the differences between LAN and WAN?

Unit II (Chapter II)

1. Write about the present scenario of cable industry.

Unit I (Chapter I)

A is compulsory. All questions carry equal marks.

Note: Attempt any one question from each unit (1-LV).

Time: Three Hours

Maximum Marks: 80

PAPER X

COMMUNICATION TECHNOLOGY

MCQ/D-18

ROLL NO. ...........................................

Total Pages: 03
8. Examine the contribution of new media to the field of communication.

7. Explain the meaning, functions, and scope of communication.

6. Write a detailed note on "Printing Industry vs. Paperless Society".

5. What is letterpress printing? Discuss its advantages and disadvantages.

4. Write about the importance of computers in media field.

3. Write short notes on any four of the following:

   (A) Write a letter
   (B) Write an essay
   (C) Write a report
   (D) Write a biography

   (A) Write an article
   (B) Write a poem
   (C) Write a script
   (D) Write a play

   (A) Write a novel
   (B) Write a short story
   (C) Write a diary
   (D) Write a biography
UNIT 1

Twelfth Night

1. Write a brief note on the comic scenes in Doctor Faustus.
2. Discuss Shakespeare's portrayal of women in Twelfth Night.
3. Write a critical appreciation of the sonnet "Lost at First Sight.
4. "Sidney's love sonnets reflect his own love for the loss of

Question

From each unit, choose one question. Note: Besides Question No. 1, which is compulsory, a candidate may attempt any four questions. 80 marks

Time: Three Hours

UNIT 2

Literature in English (1550-1660) Part-I

CMB/ED-18

Page: 2

Roll No. 18
UNIT III

5. Discuss Dr. Faustus as a tragic hero.

4. Dr. Faustus is thoroughly a Christian document. Discuss.

UNIT II

6. Critically examine the eldritch style of John Milton as enhancing

7. Write a critical note on the epic conventions employed in

Book I of Paradise Lost.

8. Write an extended note on the intricacies in the blending of

plot and subplot in Paradise Lost.
3. Attempt a critical appreciation of "Ode on Immortality of
   Deceived". Immortality.

2. Describe the images in Wordsworth's love for nature as
   "Timber Answer". Immortality.

UNIT-I

(a) Write a note on the ending of THE MILL ON THE FLOSS.

(b) Comment on the character of Mr. Bumble in Oliver Twist.

(c) Discovered are these two novels that Charles Dickens had on him. Which two
   novels are those?

(d) Keep refers to two important discoveries to describe the two
   situations in which Mr. Dombey and Mr. Dombey's son are.

(e) The song of the solitary reaper reminds the poet of two
   questions in which Mr. Dombey's son sings. What are the two

I. Answer the following questions in about 100-150 words each:

Compulsory Question

Questions in all. Each question carries 16 marks.

Note: Besides Question No. 1, which is Compulsory, choose one

Time: Three Hours
UNIT I

Corruption

Discuss Oliver Twist as an indictment of social evils and giving illustrations from Oliver Twist.

UNIT II

Special features

Critically examine "To Autumn" as an ode, bringing out its

UNIT III

Giving illustrations from the odes prescibed, comment on the sonnets of Keats.
UNIT I

I. Write answers in 100-150 words. Attempt all.

Compulsory Questions

Note: Besides Question No. 1, which is compulsory, attempt one

Maximum Marks: 80

Time: Three Hours

Paper - VI

LITERATURE IN ENGLISH: 1914-2000 (Part-I)

6633

CMBED-18

Roll No. ........................................

Total Pages: 2
UNIT II

16
1950s & Experience

9.
How does Lucky Jim represent the social structure of

OR

16
Novel

8. What are the reasons that make Lucky Jim a Campbell?

UNIT II

16
Comment on the themes of Larkin's poems presented for

OR

16
Critically evaluate the poem "Wuthering Heights" by Larkin.

UNIT III

16
East and the West. Give arguments.

5. Do you agree with the view that Foster's Passage to India

OR

16
Asim in the novel Passage to India. Why does she accuse

4.
What causes Adela's breakdown? Why does she accuse
UNIT 1

What
Religious imagery in a Portrait of the Artist as a Young Man
(d) Role of Chillingworth in The Scarlet Letter.
(e) and Providence.
(b) Relationship between Mrs. Bennet and Lydia in Pride
(a) Mr. Forsyth's views on Prejudices.

1. Write short notes on about 100-150 words on the following:

Compulsory Question

units. All questions carry equal marks. 
is compulsory, choose one question from each of the four
Note: Attempt five questions in all. Besides Question No. 1, which
Maximum Marks: 80

[paper-V (ENL-515) Study of a Genre: Fiction (PART I)

CME/D-18

ROLL No. ..........................
Total Pages : 2
UNIT I

2. Write a detailed note on Aristotle's concept of Catharsis.


4. In what sense 'Nayagathan' is an Indian equivalent of 'Tragedy'.

5. Underline the evocation of 'Rasa' in dance and drama.

UNIT II

6. A Portal of the Artist as a Young Man needs the growth to the maturity of a writer or artist. Comment.

7. Write a detailed note on the significance of the style 'The Scene' in 'A Portal of the Artist as a Young Man'.

8. Write an extended note on the literary form and technique of the novel.

UNIT III


4. Critically examine the significance of the style of the novel.

3. Discuss 'Pride and Prejudice' as a social comedy.

2. Why does Aristotle call play the soul of tragedy? Discuss.

1. Write short notes in 150 words on the following:
   - Unity of time is Shakespeare.
   - Concept of unity of a poem according to Horace.
   - Rasa in Nyaya-Schastila.
   - Concept of Parapatra in Tragedy.

UNIT IV

Course - XI

CRITICAL THEORY (Part I)

MDP/D-18

Total Pages: 2

Roll No. ..............................................
Paper - XI
AMERICAN LITERATURE (PART-I)

UNIT-I
Discuss Emily Dickinson as a Confessional Poet.
OR
Discuss the poetic style of Emily Dickinson.

UNIT-II
Discuss the poetic style of Walt Whitman.
OR
Discuss Whitman as a poet of democracy.

UNIT-III
Compulsory Question

Attempt one Question from each of the four units.
Note: Attempt the Questions in all Question No. 1 is Compulsory.

Time : Three Hours
Maximum Marks : 80

1. Write a note in 150 words on the following:
Character of Madam Merle.
Opening stanza of "Because I could not stop for Death."
Character of Pappy in Huckelberry Finn.
Cats as a symbol in Section 6.

2. Discuss Whitman as a poet of democracy.

3. Discuss Emily Dickinson as a Confessional Poet.

4. "I sing the songs of the Sangarees, singing of the rain, of the life that is.
I sing the songs of the wayfarers, singing of the road, of the life that is.
I sing the songs of the poor, singing of the pain, of the life that is.
I sing the songs of the dead, singing of the grave, of the life that is.
I sing the songs of the young, singing of the hope, of the life that is.
I sing the songs of the old, singing of the knowledge, of the life that is.

5. Write a note on Johnson's view on Shakespeare's mixture of

6. Discuss Horace's views on the nature, function and subject

7. Heroic and comic in his plays.

8. Critically examine Johnson's view on three united in Shakespeare.

9. "I sing the songs of the Sangarees, singing of the rain, of the life that is.
I sing the songs of the wayfarers, singing of the road, of the life that is.
I sing the songs of the poor, singing of the pain, of the life that is.
I sing the songs of the dead, singing of the grave, of the life that is.
I sing the songs of the young, singing of the hope, of the life that is.
I sing the songs of the old, singing of the knowledge, of the life that is.

Roll No. ..........................................
Total Pages : 2
UNIT-III

INDIAN WRITING IN ENGLISH (PART-I)

PREP.

Total Pages: 2

UNIT-IV

Paper : Course-XIII

Discussion of the theme of the Adventures of Huckleberry Finn.

Write a note on the plot of The Adventures of Huckleberry Finn.

3. Write a note on the theme of The Portrait of a Lady.

Discuss the significance of the title The Portrait of a Lady.

OR

4. Discuss the theme of slavery in The Adventures of Huckleberry Finn.

OR

5. Write a note on the ending of The Portrait of a Lady.
UNIT-I

Word formation process of Century and Botswana.
(a) Latin influence on Old English.
(b) Role of nouns in information.
(c) Voiceless sounds in English.

I. Write detailed notes of about 150 words on each of the following:

UNIT-II

Compositional Question

Try all questions in all, all questions carry equal marks. Attempt five questions in all. From the poems prescribed for your study, choose one question from each of the four lists. Note: Besides Question No. 1, which is compositional, a candidate may attempt a maximum of 50 marks.

UNIT-III

Discuss Kamaal Das as a controversial poet.

UNIT-II

Do you consider Xhosa a passive character? If yes, give a detailed note.

OR

Comment on the plot construction of Xhosa.

UNIT-IV

Write a brief note on the treatment of love and sex in Kamaal Das.
UNIT-I

9. Translate the following passage into English:

UNIT-II

5. Mark the information with stress on the following sentences:

UNIT-III

4. Transcribe the following words phonetically and also mark

UNIT-I

7. Discuss Scandinavian influence on Old English.

8. Write an illustrative note on prefixes, suffixes and affixes.
1. Maximum Marks: 80

Time: Three Hours

Paper-I (HI-101)

CMD/D-18

Total Pages: 2

2. (4x12=48)
لإنه يظهر أن القانون يدرك أن هناك نقطة عقلية في حقوق الإنسان.

قد يكون ذلك جزءًا من التوطيد الذي يسعى النظام للحفاظ عليه.

لكن في نفس الوقت، فإن النظام يرى أنه يحتاج إلى إيجاد حلول للقضايا التي تؤدي إلى الفوضى والحدوء.

هناك حاجة لحوار شامل بين المسؤولين والمواطنين بشأن أفضل الطرق لتحسين الحياة في المدينة.

إننا نأمل أن تكون هذه النقاشات فعالة وتجد الردود المناسبة.

---

[Examinem Marks: 80]

Paper-II: CHI.103

6621

Total Pages: 5
لا يمكنني قراءة النص العربي من الصورة. إذا كنت بحاجة إلى مساعدة أخرى، فاكتب النص العربي الذي ترغب في قراءته.
(3×12=36)

2. عناصر تغطیه و تغییرات:

(3×7=21)

3. عناصر تغییرات و تغییرات:

(3×12=36)
4. \( (2 \times 6 = 12) \)

(1) \( \frac{2}{3} \times \frac{3}{4} = \frac{1}{2} \)

(2) \( (3 + 5) \times 2 = 16 \)

(3) \( 10 - 3 = 7 \)

(4) \( 5 \times 3 = 15 \)

1. Maximum Marks: 80

Total Marks: 4

Paper-17 (H-104)

CMED/D-18

Total Pages: 4

ROLL NO.
3. (3x12=36)

4. (3x7=21)

2. (4x5=20)

1. (4x4=16)

5. (4x1=4)

4. (4x2=8)

3. (4x3=12)

2. (4x4=16)

1. (4x5=20)

5. (4x1=4)

4. (4x2=8)

3. (4x3=12)
2. Calculate the area of the following shapes:

(a) Triangle: Base = 10 cm, Height = 8 cm

(b) Circle: Radius = 5 cm

(c) Square: Side = 6 cm

1. Find the volume of the following solids:

(a) Cylinder: Radius = 3 cm, Height = 7 cm

(b) Sphere: Radius = 4 cm

(c) Cone: Radius = 5 cm, Height = 9 cm
1. Maximum Marks: 80

Time: Three Hours

Paper-VIII (HI-I4)

MALAYALAM

7357

MDM-18

Roll No. ..........................

Total Pages: 2
7358/400/KD/768

Maximum Marks: 80

Time: Three Hours

PAPER-X (H)-15

Language: English

7358

Total Pages: 5

1. (a) The value of \( \int_{0}^{1} x^2 dx \) is...

2. (a) The solution of the differential equation \( \frac{dy}{dx} - 2y = 4x \) is...

3. (a) The area of the region bounded by the curves \( y = x^2 \) and \( y = 2x \) is...

4. (a) The value of \( \lim_{x \to 0} \frac{\sin x}{x} \) is...

5. (a) The radius of curvature of the curve \( y = \sin x \) at \( x = \pi/2 \) is...

6. (a) The 5th term of the binomial expansion of \( (1 + x)^{10} \) is...

7. (a) The value of \( \int_{-1}^{1} x^3 dx \) is...

8. (a) The solution of the system of linear equations

\[ \begin{align*}
2x + 3y &= 5 \\
4x - y &= 1
\end{align*} \] is...

9. (a) The value of \( \tan^{-1} \left( \frac{1}{\sqrt{3}} \right) \) is...

10. (a) The value of \( \sin \left( \frac{\pi}{6} \right) \) is...

11. (a) The value of \( \cos \left( \frac{\pi}{3} \right) \) is...

12. (a) The value of \( \tan \left( \frac{\pi}{4} \right) \) is...

13. (a) The value of \( \log_{10} 100 \) is...

14. (a) The value of \( \log_{2} 8 \) is...

15. (a) The value of \( \log_{e} e \) is...

16. (a) The value of \( \log_{10} 1 \) is...

17. (a) The value of \( \log_{e} 1 \) is...

18. (a) The value of \( \log_{10} 10 \) is...

19. (a) The value of \( \log_{e} e^2 \) is...

20. (a) The value of \( \log_{10} 100 \) is...

21. (a) The value of \( \log_{e} e^3 \) is...

22. (a) The value of \( \log_{10} 1000 \) is...

23. (a) The value of \( \log_{e} e^4 \) is...

24. (a) The value of \( \log_{10} 10000 \) is...

25. (a) The value of \( \log_{e} e^5 \) is...

26. (a) The value of \( \log_{10} 100000 \) is...

27. (a) The value of \( \log_{e} e^6 \) is...

28. (a) The value of \( \log_{10} 1000000 \) is...

29. (a) The value of \( \log_{e} e^7 \) is...

30. (a) The value of \( \log_{10} 10000000 \) is...

31. (a) The value of \( \log_{e} e^8 \) is...

32. (a) The value of \( \log_{10} 100000000 \) is...

33. (a) The value of \( \log_{e} e^9 \) is...

34. (a) The value of \( \log_{10} 1000000000 \) is...

35. (a) The value of \( \log_{e} e^{10} \) is...

36. (a) The value of \( \log_{10} 10000000000 \) is...

37. (a) The value of \( \log_{e} e^{11} \) is...

38. (a) The value of \( \log_{10} 100000000000 \) is...

39. (a) The value of \( \log_{e} e^{12} \) is...

40. (a) The value of \( \log_{10} 1000000000000 \) is...

41. (a) The value of \( \log_{e} e^{13} \) is...

42. (a) The value of \( \log_{10} 10000000000000 \) is...

43. (a) The value of \( \log_{e} e^{14} \) is...

44. (a) The value of \( \log_{10} 100000000000000 \) is...

45. (a) The value of \( \log_{e} e^{15} \) is...

46. (a) The value of \( \log_{10} 1000000000000000 \) is...

47. (a) The value of \( \log_{e} e^{16} \) is...

48. (a) The value of \( \log_{10} 10000000000000000 \) is...

49. (a) The value of \( \log_{e} e^{17} \) is...

50. (a) The value of \( \log_{10} 100000000000000000 \) is...

51. (a) The value of \( \log_{e} e^{18} \) is...

52. (a) The value of \( \log_{10} 1000000000000000000 \) is...

53. (a) The value of \( \log_{e} e^{19} \) is...

54. (a) The value of \( \log_{10} 10000000000000000000 \) is...

55. (a) The value of \( \log_{e} e^{20} \) is...

56. (a) The value of \( \log_{10} 100000000000000000000 \) is...

57. (a) The value of \( \log_{e} e^{21} \) is...

58. (a) The value of \( \log_{10} 1000000000000000000000 \) is...

59. (a) The value of \( \log_{e} e^{22} \) is...

60. (a) The value of \( \log_{10} 10000000000000000000000 \) is...

61. (a) The value of \( \log_{e} e^{23} \) is...

62. (a) The value of \( \log_{10} 100000000000000000000000 \) is...

63. (a) The value of \( \log_{e} e^{24} \) is...

64. (a) The value of \( \log_{10} 1000000000000000000000000 \) is...

65. (a) The value of \( \log_{e} e^{25} \) is...

66. (a) The value of \( \log_{10} 10000000000000000000000000 \) is...

67. (a) The value of \( \log_{e} e^{26} \) is...

68. (a) The value of \( \log_{10} 100000000000000000000000000 \) is...

69. (a) The value of \( \log_{e} e^{27} \) is...

70. (a) The value of \( \log_{10} 1000000000000000000000000000 \) is...

71. (a) The value of \( \log_{e} e^{28} \) is...

72. (a) The value of \( \log_{10} 10000000000000000000000000000 \) is...

73. (a) The value of \( \log_{e} e^{29} \) is...

74. (a) The value of \( \log_{10} 100000000000000000000000000000 \) is...

75. (a) The value of \( \log_{e} e^{30} \) is...

76. (a) The value of \( \log_{10} 1000000000000000000000000000000 \) is...

77. (a) The value of \( \log_{e} e^{31} \) is...

78. (a) The value of \( \log_{10} 10000000000000000000000000000000 \) is...

79. (a) The value of \( \log_{e} e^{32} \) is...

80. (a) The value of \( \log_{10} 100000000000000000000000000000000 \) is...
1. بعد بقاء مراعي (2) سلطة التي تنويها إلى (2)

2. مستقبل الطايق في عين سبينالا

3. (2×7=21)
(ग) हिंदी उपन्यास और बङ्गाली उपन्यास साहित्य की तुलनात्मक 
विद्यमानों कीजिए।
(घ) बाक्किमचंद्र और भारतेन्दू के साहित्य की तुलना कीजिए।
(ङ) भारतीयता से अभिप्रय बताते हुए, भारतीय साहित्य के स्वरूप 
पर प्रकाश डालिए।
(च) बङ्गाली वैण्ण्य काव्य परम्परा का परिचय दीजिए।

(3×12=36)

खण्ड-घ

4. सभी प्रश्नों के उत्तर दीजिए।
(क) 'वर्षा की सुबह' मूलतः किस भाषा की रचना है?
(ख) 'वर्षा की सुबह' के अनुशासक का नाम बताओ।
(ग) 'एक किशोर की मृत्यु' कविता में किस अवस्था के मनुष्य 
को मृत्यू हो जाती है?
(घ) 'वर्षा की सुबह' कविता संग्रह में किस कवि की रचनाओं 
संकलित हैं?
(ङ) 'सारी बातों के बाद' कविता में 'दर्द' कौन है?
(च) 'वर्षा की सुबह' की अभिकृति कविताएं छंदवद्र रखा या 
छंदमुखा?
(छ) 'आजा है वर्षा काल, घन बरसता से मार' कविता की 
पक्षियों कौन है?
(ज) 'वर्षा की सुबह' संग्रह में संकलित कितने दो कविताओं के 
नाम लिखें।

(8×1=8)

3. किन्हे पाँच पर टिप्पणियों कीजिए। प्रत्येक टिप्पणी लगभग 250 
शब्दों में हो।
(क) भारतीय साहित्य की अवधारणा।
(ख) भारतीय साहित्य का स्वरूप।
(ग) बङ्गाली वैण्ण्य साहित्य।
(घ) बाक्किमचंद्र।
(ङ) नवजग इस्लाम।
(च) भारतीय मूल्यों से अभिप्रय।
(छ) भारतीयता से अभिप्रय।
(ज) बङ्गाल कहानी।
(झ) बङ्गाली उपन्यास।
(ञ) हिंदी सूफी काव्य।

(5×3=15)
13.12
6710/750/KD/617/Trans. 8x2=16

(i) Saddle point solution in Game Theory
(ii) Stick and Surplus variables
(iii) Order and Degree of difference equation
(iv) Integration by Parts
(v) Difference between Simple and Partial derivatives
(vi) Product and Quotient rules of differentiation
(vii) Any two assumptions of linear-quadratic analysis
(viii) Identity matrix

1. Explain the following:

Complementory Question (At least 10)

The answers to the questions are:

The questions carry equal marks.

Complementory. Select one question from each Unit.

Note: Attempt five questions in all. Question No. 1 is

Time: Three Hours

Maximum Marks: 80

Paper: 103
MATHEMATICS FOR ECONOMICS OR
QUANTITATIVE METHODS-1

CMA/D-18

Roll No. ...........................................
Total Pages: 6
9. (a) \( \frac{d}{dx} \log (x + 1) = \frac{1}{x+1} \) (b) 

\[\frac{d}{dx} \log (x^2 + 1) = \frac{2x}{x^2 + 1} \]

10. (a) \( \frac{d}{dx} \log (x^2 - 1) = \frac{2x}{x^2 - 1} \) (b) 

\[\frac{d}{dx} \log (x^3) = \frac{3x^2}{x^3} = \frac{3}{x} \] (c) 

\[\frac{d}{dx} \log (x^4) = \frac{4x^3}{x^4} = \frac{4}{x} \]

1. Find the inverse of the following:

\[
\begin{bmatrix}
1 & 2 & 3 \\
4 & 5 & 6 \\
7 & 8 & 9
\end{bmatrix}
\]

2. Find the inverse of the following:

\[
\begin{bmatrix}
1 & 2 & 3 \\
4 & 5 & 6 \\
7 & 8 & 9
\end{bmatrix}
\]

a) \[D = \begin{bmatrix} 1 & 0 & 0 \\
0 & 0 & 1 \\
0 & 1 & 0 \end{bmatrix}
\]

b) \[D = \begin{bmatrix} 0 & 1 & 0 \\
0 & 0 & 1 \\
1 & 0 & 0 \end{bmatrix}
\]

16. Find the gross output of each sector:

\[
\begin{bmatrix}
0 & 0 & 7 \\
5 & 0 & 2 \\
0 & 1 & 0
\end{bmatrix}
\]

17. a) Three-sector economy has following input-output matrix:

\[
\begin{bmatrix}
0 & 0 & 4.6 \\
5 & 0 & 2 \\
0 & 1 & 0
\end{bmatrix}
\]

b) Demand vector:

\[
\begin{bmatrix}
0 & 0 & 4.6 \\
5 & 0 & 2 \\
0 & 1 & 0
\end{bmatrix}
\]

c) Consumption matrix and final demand vector:
5. Given the utility function $U = (x + 2)(1 + x)$ and the budget constraint $2x + 3y = 51$, find the optimal level of $x$ and $y$ purchased by the consumer.

6. Solve the following LPP by Simplex method:

\[ \max \quad Z = 20x + 10y \]
\[ \text{subject to constraints} \]
\[ 2x + 3y \leq 24 \]
\[ 2y \leq 12 \]
\[ x, y \geq 0 \]

7. Given the demand and supply functions, find the equilibrium price, the time path and determine whether or not the price is stable.
1. a. What is Dynamic tax incidence?
   b. What is tax evasion?
   c. What is optimal taxation?
   d. What is equity in taxation?
   e. What is Clarke tax?
   f. What is market failure?
   g. What are goods public goods?
   h. What is demand curve?
   i. a. Complementary Question (illustrated X Y)

   Total marks: 80

   Paper-1

   Time: Three Hours

   PUBLIC ECONOMICS

   C14/D-11

   Roll No. 3 Total Pages: 3
6. Discuss the incidence of taxation in a partial equilibrium setting.

5. Discuss the preference revelation mechanism proposed by Lindahl-Wicksell.

4. What are the features of public goods? Discuss the efficient provision of public goods using the Bowen model.

3. What is the existence of price markers? Explain the market failure due to non-existence of price markers.


1. Write a detailed note on the theoretical foundations of tax evasion and black economy.

8. What is deadweight loss? How this burden can be measured.

UNIT-I (2hours-10 marks)
3.

I. Answer all parts briefly:

1. [COMPULSORY QUESTION]

Note:
- Accompany your answers in all sections at least one question.
- Carry equal marks.
- From each section, question No. 1 to compulsory.

Maximum Marks: 80

Paper

INTERNATIONAL TRADE AND FINANCE

1. What do you understand by mark?

What are the major factors of import?

What is the definition of transformation rate of import?

Define transformation rate of import and transformation.

What is the difference between import and export?

What is your understanding of import?

UNIT-II (กลุ่ม-III)

3. Elaborate how profit seeking is related to the supply of goods.

2. Critically discuss Absolute Advantage Theory.

UNIT-I (กลุ่ม-IV)

Write short notes on:

(i) Effective rate of protection
(ii) Optimum rate of tariff

7. What are the policy implications of Hypothesis of Secular

6. What are the policy implications of Hypothesis of Secular

UNIT-III (กลุ่ม-III)

5. How trade is determined under imperfectly competitive markets?

4. Draw reciprocal demand curves.

3. Draw demand and supply curve.

2. What is the deadweight loss?

1. Define ad valorem tariff.

2. Write two effects of reciprocal progress on trade.

8. What is your understanding by trade liberalization?

9. Small nations.
I. Explain the following:

(a) Efficiency
(b) Environmental economics
(c) Non-existence of a market failure
(d) Non-existence as a market failure
(e) Pollution Pay Principle
(f) Economic rent as a measure of scarcity
(g) Non-compliance fees

2X8=16

Comprehensive Question

A list of 16 possible statements is given below. Select 8 of them and answer them.

Note: Attempt all questions in all sections at least once.

Maximum Marks: 80

Time: Three Hours

Paper-007
SOCIAL SECTOR-I
ECONOMICS OF ENVIRONMENT AND ECONOMIC DEVELOPMENT

I. 18
UNIT I (19-19)

Discuss the theory of non-market environmental valuation.

UNIT II (20-20)

Discuss the factors influencing the choice of policy.

UNIT III (21-21)

Show how a pollution tax can change the behaviour of the pollution industry.

UNIT IV (22-22)

Describe the evolution of environmental policy.

Also suggest the methods to correct the market failure:

(a) Non-exclusion
(b) Non-availability

Environmental assets:

Discuss the following cases of market failure in case of

1. "Pareto optimality can be achieved through perfect...

UNIT I (23-23)

Case for market failure is that...

(5)
I. Attempt all the parts:

(30 marks) Compulsory Question

Select one question from each unit. All questions carry equal marks.

Note: Attempt five questions in all. Question No. 1 is compulsory.

[Maximum Marks: 80]

Time: Three Hours

Paper-308

(Indian Economic Policies-1)

ECONOMICS

CNID/D-18

ROLL NO. .................................................
UNIT-III (III-III)

Discuss the Centre-State Financial Relations in the context of current scenario of the Indian Economy.

5. Describe the measures taken by the Indian Government for sustainable agriculture.

4. Describe the major reasons for limited success of Land Reforms in India.

UNIT-II (II-III)

3. Write a detailed note on the problem of poverty of India with illustrations.

2. Explain the major features of Indian economy with

UNIT-I (I-I)

1. Explain briefly about MNCs in India.
Name the three types of policies to govern an economy.

(a) What do you mean by Federalism?

(b) Define Sustained Development.

(c) Differentiate between Janhinder and Mahalwan system.

(d) Define a Mixed Economy.

(e) What do you mean by Urban?

I. Attempt all the parts:

(4 marks each)

Comprehensive Question

(Maximum Marks: 80)

Time: Three Hours

Paper-308

(Economic Policy-1)

1. Write a detailed note on Foreign Capital and MNC's in India.

2. Describe how the structural dis-equilibrium in the BOP in

(UNIT-IV) (ECONOMICS)
UNIT III (Theme-I) 

5. Describe the measures taken by the Indian government for sustainable agriculture.

6. Discuss the Centre-State Financial Relations in the context of current scenario of the Indian economy.

UNIT-II (Theme-II) 

3. While a detailed note on the problem of poverty of India illustrates:

4. Describe the major reasons for limited success of Land Reforms in India.

2. Explain the major features of Indian economy with

UNIT-I (Theme-I) 

1. Define an MNC.
Explain the concept of steady state growth

(a) How

(b) Name the stages of economic growth according to

(c) Some theories of economic development

(d) State two major differences between Keynesian and Adam

(e) Inequality

(f) Identify commonly used measures of economic
development

(g) What do you mean by inclusive economic

(h) Answer the following in brief (20-25 words each):

1. Compulsory Question (2 marks each)

(a) Explain economic growth across different countries of the world?

(b) What are the major factors responsible for differentials in

(c) How is growth measured?

(d) Progress as given by Hicks and Harrod?

2. Explain the concepts of neutral and non-neutral technical

UNIT-III (33-53)

end according to Shumpeter.

5. Why does capitalism despite being successful come to an

4. Discuss Ricardo's Theory of economic development. What

UNIT-II (33-53)

(1) Multidimensional Poverty Index (MPI).

(2) Core values of development.

UNIT-I (33-53)

(1) Which is a more realistic concept - disassembled or

(2) Which is John Robinson's Golden Age?
1812

Attempt all the parts.

Compulsory Question

Note: Attempt five questions in all. Question No. 1 is compulsory.

Maximum Marks: 80

Time: Three Hours

ECONOMICS OF AGRICULTURE-I

CMDP-D-18

Roll No. ........................

Total Pages: 3
7. Evaluate the role of Indian agricultural policy in
governmental development of India.

6. Discuss the causes of low productivity and measures to
improve it in Indian agriculture.

5. Discuss the similarities in Classical economics and
Physiocrats in their views on agriculture.

4. Describe the Greek economic thought on agriculture

3. Write a detailed note on the risks and uncertainties in
agriculture.

2. Discuss the nature and scope of agricultural Economics

UNIT II (खंड-II)

1. ग्रीस इतिहास में पेशी की विचारांकित के लक्षण

(x) भूगोलीय अन्तर

(x) विश्वास की उपलब्धि

Name any two features of India’s underdevelopment.

(ii) अन्तर

(iii) अन्तर

What is the most?

Unit III (खंड-III)

Name two famous Physiocratic economists.

Why is India's handicapped?

Define incidence of poverty

What is landless labour?