1401/22/900/KD/640

2. (a) Answer any four using a word/phrase or in a sentence.

Happy,
Cute, Crowded, Safe, Bumpy, Support, Other, Swirl,

(b) Give antonyms of any four of the following words:
Worth,
Purchase, Annual, True, Forward, Old, Born, Breeze,

(c) Give meanings of any four words:
(For Blind Candidates Only)

OR
Arms, Change, Beauty, Hurt, Old, Born, Breeze, Worth,

1. (a): Transcribe any four of the following words:

Note: All questions are compulsory.

Maximum Marks: 80

Time: Three Hours

ENGLISH

1401

GSE/M.22

Total Pages: 7

Roll No.
Who is Cauhan? How does he try to justify his desolate

The Peasantry

What image of rural society is painted in the story?

What were the key themes and messages conveyed in the story?

Discuss the main differences and similarities between the two characters.

The Reconcile proves that people are capable or

How did the peasant prove to be a better person for Cauhan?

Bellows for a Bullock

Discuss the relevance of the title "Beggars at Day"

Who was Cauhan educated?

When did Cauhan want to marry?

How much did the Peasantry cost?

Who did the blind man lose?
4. I submit my assignment yesterday.

a. Day (practice)

b. A good player

c. This train is late by one hour.

d. You are not smoking at a religious place.

e. Someone

f. How cloudy! Is it raining? We respect our elders.

g. We should not laugh at the poor.

h. He has completed his homework.

i. The police are looking into the case.

j. They are building a bridge across the river.

k. Change the voice of the following sentences:

l. No I do not make a noise. My sister study.

m. Are you coming with us to watch this film?

n. Don't make a noise. My sister is studying.

o. My sister is coming to India. My sister lives in Canada.

p. He was upset. He completed his work.

q. I like him. I cannot trust him.

r. Combine the following sentences to make compound sentences:

s. Yes any money as directed.

Help me.
The young girl cried loudly. I, please.

Look there something strange is approaching.

Will you still here please?

Punue the following sentences:

He will be back in 30 minutes.

This table is made of steel.

This juice is made from oranges.

He always drinks law.

Fill in the blanks with suitable prepositions:

We should not laugh at the poor.

He has completed his homework.

The police are looking into the case.

They are building a bridge across the river.

Change the voice of the following sentences:

I do not make a noise. My sister study.

Are you coming with us to watch this film?

Do not make a noise. My sister is studying.

I, please.

Look there something strange is approaching.

Will you still here please?
1. A teacher you like the most.

2. A cultural festival.

3. Cleanliness and hygiene.

4. Save environment.

5. Write a paragraph in about 200 words on any one of the

6. Fill any seven blanks with appropriate preposition.

Example:

A teacher you like the most.

A cultural festival.

Cleanliness and hygiene.

Save environment.

Write a paragraph in about 200 words on any one of the following topics:

1. University is a good place to study.

2. There is no hotel in this street.

3. She is known to me.

4. I saw a cycad man on the way.

5. You should tell.

6. He is a European.

7. He is necessary to live.

8. She is elder to me.

9. He is a father to a teacher.

10. His father is a teacher.

And question the following sentences:

A. Look out.

B. Look after.

C. Turn down.

D. Any seven blank with appropriate preposition.

Example:

A. Look out.

B. Look after.

C. Turn down.
1407/2600/KD/807

[Page]

1. यदि आप इसे अवतना, तो आप इसे एक-एकि क्षण में देखे।
   देखा जाना में हमें तरीका का हाथ लगाना, उसे नहीं है,
   तत्काल लिखने का हमारा मामला एक स्वस्थ रूप
   हो जाता है।

2. यदि आप अभिनंदन में लिखते हैं, तो आप इसे एक-एकि क्षण में देखे।
   देखा जाना में हमें तरीका का हाथ लगाना, उसे नहीं है,
   तत्काल लिखने का हमारा मामला एक स्वस्थ रूप
   हो जाता है।

3. यदि आप इसे अवतना, तो आप इसे एक-एकि क्षण में देखे।
   देखा जाना में हमें तरीका का हाथ लगाना, उसे नहीं है,
   तत्काल लिखने का हमारा मामला एक स्वस्थ रूप
   हो जाता है।

Total Marks : 80

PUNJABI ELECTIVE

CSM-M-22

1407

Roll No. ........................
Total Pages : 7
2. (a) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(16)
(a) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(b) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(c) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(d) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(e) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(f) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(g) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 
(h) इनियांत्रित तंत्र के दैनिक उपयोग के लिए 

1. (8×2=16)

Maximum Marks : 80

Time : Three Hours

Executive
Sanskrit

CSEM-22

Total Pages : 3

ROLL NO. ................................
1. Choose the correct answer. Each question carries 2 marks.

Compulsory Question (4 marks)

The explanation note on map will carry full marks.

For visually handicapped candidates, the part relating to question from each unit all questions carry equal marks. Compulsory. Attempt five questions in all. Question No. 1 is:

Mark: Maximum Marks: 80

Time: Three Hours

Op. (1)
(600-1526 A.D)

HISTORY OF INDIA

1410

GSEM-22
1410/12, 100 KD/590

(d) Turkey
(e) Arab
(p) America
(a) Africa

(v) What was the capital of the Kalshari Dynasty?
(a) Damascus
(b) Baghdad
(c) Damascus
(d) Baghdad

Who was the first Sultan of Delhi Sultanate?
(a) Muhammad Ghori
(b) Qutbuddin Aibek
(c) Muhammad Ghori
(d) Qutbuddin Aibek

When did Vyasaditya become ruler?
(a) 560 A.D.
(b) 540 A.D.
(c) 548 A.D.
(d) 538 A.D.
2. Discuss the rise and growth of feudatarily under the Rajputs.

<table>
<thead>
<tr>
<th>UNIT-1 (अंक-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Banaras,</td>
</tr>
<tr>
<td>(b) Gujerat,</td>
</tr>
<tr>
<td>(c) Bengal,</td>
</tr>
<tr>
<td>(d) Madras</td>
</tr>
</tbody>
</table>

(8×2=16)

(vii) Which place is called the Mecca of Hindus?

| (a) कार्नाक |
| (b) गुरुमलिल |
| (c) ग्रीन वॉल |
| (d) जैं मंदिर |

(viii) Who was the founder of Dehli Sultanate?

| (a) बलूच | (b) फतेहपुर सीकर | (c) अकबर | (d) खिलजी |
6. Describe the administration of the Sultans of Delhi.

7. Describe the main features of the Bhakti Movement. What was its impact upon Indian society?

UNIT III (भाग-III)

16

5. Account for the fragmentation and downfall of the Delhi Sultanate. Also write an explanatory note.

6. Briefly describe the achievements of Sullivan. Why is he regarded as the founder of Delhi Sultanate?

UNIT II (भाग-II)

16

8. On the outline map of India, show the extent of Sultanate.

9. On the outline map of India, show the urban centres under the Delhi Sultanate. Also write an explanatory note.

10.6. Give a brief account of the history of the Chola and their administration.
Chapter 2

Chapter 2: Perfect Competition

8 Perfect competition

(a) How do firms determine the wage rate in case:

Now on this information answer the following questions:

1. Even though women are equal in skills, but they are

Compulsory Questions (30 marks)

Maximum Marks : 80

Unit-I (Micro Economics)

1. Define Monopsonistic competition. Explain equilibrium of the

Time: Three Hours

Opt. (X)
Group No.- X
Paper-II

142
Total Pages: 8

142/4/300 KD/592

8

UNIT-IV (Micro-Economics)

10. Explain the Realization theory of Rent

16

11. Explain the Marginal productivity theory of Distribution.

16


1412/4/300 KD/592
1. TR = TD
2. TR < TD
3. TR > TD

(a) TR > TD
(b) TR = TD
(c) TR < TD

(b) Draw-down point occurs when

- When TR = TD
- When TR > TD
- When TR < TD

(c) Under perfect competition, goods are:

- Homogeneous
- Identical
- Substitutes

(d) On what ground has this theory been criticized?
(e) Why are women paid less compared to their male counterparts?
(f) Why do the differences in wages exist across different classes of workers?
1412/4/300/KD/592

5

(a) MR = MPC
(b) Perfectly competitive firm
(c) Non-replacement (v) Monopolistic competition
(d) Price level and distribution
(e) Real wages
(f) Price level and distribution
(g) Inverse relation
(h) Price taker
(i) Price taker

Which of the following

(a) Total Revenue - Fixed Cost
(b) Total Revenue - Variable Cost
(c) Total Revenue - Total Cost
(d) None of these

(c) In dumping, a monopolist faces .......... types of
4. What is perfect competition? Explain the short run equilibrium of the perfectly competitive firm.
5. What do you mean by price discrimination? When is it possible and (ii) profitable?
6. What do you mean by monopoly? How are the price and output determined under it?
7. Write short answers type questions (a) Explain the importance of time element in the determination of price under perfect competition. What is the difference between market price and Normal price? Explain.
8. Explain the importance of time element in the determination of price under perfect competition. What is the difference between market price and Normal price? Explain.
UNIT-1 (NUR-1)

UNIT-1: NUR-1, III and IV Unit is compulsory.

Note: Attempt five questions in all, selecting one question each from Unit I, II, III and IV. Unit V is compulsory.

Maximum Marks: 60

Time: Three Hours

HEALTH AND PHYSICAL EDUCATION

CSEM-22

ROLL NO. .............................................
TOTAL PAGES: 4
UNIT-IV (80 marks)


5. Write the full form of SAT and NSIS.

6. What do you mean by Isometric and Isokinetic Exercise?

7. Elaborate the three movable or synovial joints in detail.

8. What is Joint? Elaborate the types of joints.

9. Answer the following:

a. What do you mean by Health Education?

b. Write the aim of First-aid.

c. Write the meaning of Physical Fitness.

d. Write any two functions of bones.

UNIT-III (80 marks)

3. Elaborate the contribution of Indian Olympic Association in the development of Physical Education.


5. Write the full form of SAT and NSIS.

6. What do you mean by Isometric and Isokinetic Exercise?

7. Elaborate the three movable or synovial joints in detail.

8. What is Joint? Elaborate the types of joints.

9. Answer the following:

a. What do you mean by Health Education?

b. Write the aim of First-aid.

c. Write the meaning of Physical Fitness.

d. Write any two functions of bones.
UNIT I (Khami-1)

Write down the detailed description of Khami and Khati. (40 marks)

From each unit, all questions carry equal marks.

Note: Attempt five questions from each unit, and select at least one question

Maximum Marks: 40

Time: Three Hours

MUSIC (VOCAL) (THEORY)

1418

GSE/M:22

Total Pages: 3

Roll No. ........................
7. Give the detailed introduction of fingerprint with Thall and

UNIT III (1641-111)


5. Difference between Marli and Deshi Sangeet.

4. Write down the contribution of Pt. Omkarnath Thakur.

3. Define the role of Music in national integration.

UNIT II (6644-111)
UNIT-I (Section-I)

Note: Attempt five questions in all. Select at least one question from each unit. All questions carry equal marks.

Time: Three Hours

Maximum Marks: 40

Paper-1

Sitar (Theory)

MUSIC (Instrumental)

1419

GS/M-22

Total Pages: 3
UNIT-III (PKS9-III)

8. Discuss the role of Media in the development of Indian Classical Music.

UNIT-II (PKS9-II)

7. Explain the concept of Time theory in Indian Classical Music.

6. Discuss in detail about the classification of Indian Musical Instruments.

5. Write in detail about Sarangi, Khayal and Tal.

4. Write short notes on any two of the following:

(a) Vivek
(b) Anuradha
(c) Vash
(d) Zamzama

3. Describe in detail about Raga, Kaal

2. Discuss in detail about the classification of Indian Musical Instruments.
Explain various steps of the recruitment process.

3. What do you understand by recruitment and selection?

2. Why is indexing necessary? Briefly explain any two methods of indexing with their advantages and disadvantages.

1. What is mean by filing? Discuss various methods of filing.

Note: Attempt five questions in all. All questions carry equal marks.

Maximum Marks: 80

Time: Three Hours

OFFICE MANAGEMENT

1429

66

1429/100/KD/624

The page contains a question related to the recruitment process, indexing, and filing methods. It also includes a note about the examination format.
1. Indian constitution is a federal constitution. Explain.

2. Define the reasons for tension between Centre-State.

3. Write a note on Election Commission.

4. Define the defects in Indian Electoral system.

5. What is the nature of Indian Party system?

Note: Attempt any five questions.

Maximum Marks: 80

Time: Three Hours

1437/12/900/KD/626

CSEMA-22

Total Pages: 4

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

1437/12/900/KD/626

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Minimum age of the members of Lok Sabha: 

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1. Which is the impact of case in Indian Politics?

2. Write a note on Regional Party (JFP).

3. What is the role of pressure groups in India?

4. Critically define the role of pressure groups in India.

5. Write a note on Regional Party (JFP).

6. What is the role of pressure groups in India?

7. Critically define the role of pressure groups in India.

8. What is the impact of case in Indian Politics?

9. Observe the role of pressure groups in India.
Find the general solution of \(7x + 1\theta = 188.2.5\).

2. (a) Show that there are infinitely many primes of the form

\[ gn + 5.\]

\section*{SECTION 1}

1. (e) Express each \((x + \theta)\) in the form \(a + ib\).

1. (d) Prove that \(\sin^{-1}(ix) = \frac{1}{x} - \sin^{-1}(i).\)

1. (c) Prove that \(\log(1 + \cos \theta + \sin 2\theta) = \log(2\cos \theta) + \theta.\)

1. (b) Define Euler's function \(\phi\) with an example.

1. (a) If \(d\) divide \(n\) and \(d\) is co-prime to \(n\), then

\textbf{Compulsory Questions}

Each section Question No. 1 is compulsory.

\textbf{Note:} Attempt five questions in all, selecting one question from each section.
2.5 \( \cos \theta \cosh 2\theta \) 2, 3.

(a) \( \cos \theta = \phi \cosh \theta \)

(b) \( \sin \theta = (\phi \cosh \theta - 1)\) 2, 3.

(c) \( \tan \theta = \frac{\sinh \theta}{\cosh \theta - 1} \)

2.5

(a) If \( x = \frac{1}{2} \), then show that

\[ \cos \theta = \phi \cosh \theta \]

(b) If \( \sin \theta = \tan \theta \), then show that

\[ \sin \theta = \phi \cosh \theta \]

(c) If \( \cos \theta = -1 \), then show that

\[ \cosh \theta = \phi \cosh \theta \]

2.5

(a) If \( x = \frac{1}{2} \), then show that

\[ \cos \theta = \phi \cosh \theta \]

(b) If \( \sin \theta = \tan \theta \), then show that

\[ \sin \theta = \phi \cosh \theta \]

(c) If \( \cos \theta = -1 \), then show that

\[ \cosh \theta = \phi \cosh \theta \]

SECTION-III

2.5

(a) Show that \( x \) is a quadratic non-residue of \( 3 \).

(b) Find the highest power of \( 12 \) contained in \( 270! \).

(c) Find the integer that gives the remainder \( 2.6.5 \) when

\[ x \]

is divided by \( 5 \) respectively.

SECTION-II

2.5

(a) Prove that \( p = 7 \) is a prime number if \( d \) is an odd prime number.

(b) Prove that \( d \) is a prime number if \( d | \theta - 1 \) are relatively prime if \( d \) is an odd prime number.

2.5

(a) Prove that \( \theta = 2 \) is divisible by \( 2 \).

(b) Prove that \( \theta = 3 \) is divisible by \( 2 \).

(c) Show that the difference of the squares of any two odd
2. (a) Solve the differential equation.

\[ 0 = \frac{d}{dx} \left[ \frac{1}{x} \right] + \frac{x}{x} \int \frac{1}{x} \, dx \]

**SECTION I**

2.

\[ \cos \theta = x + \frac{yp}{x} \]
\[ \sin \theta = \frac{yp}{x} \]

Find the complementary function of the differential equation.

\[ \theta \]

Solve the differential equation.

\[ 0 = 2p \cdot (x^2 - yp - \lambda p) \cdot (x + x^2 + \lambda x) \]

Solve the differential equation.

\[ \frac{x^2 - \lambda p}{2p} = \frac{x - \lambda}{\lambda p} = \frac{x}{xp} \]

Solve the simultaneous equation.

\[ \frac{x^2 - \lambda p}{2p} = \frac{(\lambda - x)2}{\lambda p} = \frac{(\lambda + x)2}{xp} \]
Given that \( x(1) = 0 \)

\[
0 = x + \frac{xp}{\kappa_p} \quad 0 = \kappa + \frac{xp}{\kappa_p}
\]

8. (a) Solve the simultaneous equation

**SECTION I-V**

\[
\frac{\zeta(x - 1)}{1} = \kappa + \frac{xp}{\kappa_p} \quad (\kappa)
\]

5. (a) Solve the differential equation

\[
\zeta(x - 1) = \kappa + \frac{xp}{\kappa_p} \quad (\kappa)
\]

7. (a) Apply the method of variation of parameters to solve

\[
\tan \zeta = \kappa u + \frac{xp}{\kappa_p}
\]

4. Find the orthogonal trajectories for the family of curves

**SECTION II**

\[
0 = x\kappa - \frac{xp}{\kappa_p} - \left[ \frac{xp}{\kappa_p} \right] x \quad (\kappa)
\]

3. (a) Solve the differential equation

\[
n' = d^2x - d(\kappa x + \kappa x + x) + d(x \kappa + 1 + x) - v d
\]

5. (a) Solve the differential equation

\[
0 = \kappa(x + \kappa x - v' x) + x\kappa(x + \kappa x + v' x)
\]

6. (a) Solve the differential equation

\[
\zeta(x - 1) x = \kappa - \frac{xp}{\kappa_p} x + \frac{xp}{\kappa_p} (\kappa x - 1)
\]

4. (a) Solve the differential equation

**SECTION III**

\[
0 = x\kappa - \frac{xp}{\kappa_p} - \left[ \frac{xp}{\kappa_p} \right] x \quad (\kappa)
\]

3. (a) Solve the differential equation

\[
n' = d^2x - d(\kappa x + \kappa x + x) + d(x \kappa + 1 + x) - v d
\]

5. (a) Solve the differential equation

\[
0 = \kappa(x + \kappa x - v' x) + x\kappa(x + \kappa x + v' x)
\]

6. (a) Solve the differential equation
1. Prove that 
\[ \frac{d^2 f}{dx^2} = \left[ \frac{d}{dx} \right]^2 \Delta \quad \text{(c)} \]

2. \[ \phi(\Delta \cdot f) \]

3. Show that \( \Delta \cdot f \) is the reciprocal vector of \( \Delta \cdot f \).

4. Intersect the symbol \( \Delta \cdot f \) and show that \( \Delta \cdot f \) are the same.

SECTION-1

Section 1

1. Evaluate \( f \) in spherical coordinates.

2. Prove that \( c + \mathbf{f} = 0 \), where \( \mathbf{f} \) is the reciprocal vector of \( \mathbf{f} \).

3. Find the volume of a cuboid whose continuous edges

Compulsory Question

III and IV.

Compulsory. Select one question from Section-1. II.

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

Maximum Marks: 27

Time: Three Hours

Paper-BM-123

VECTOR CALCULUS

GSEBM-22

ROLL No..........
9. Verify Gauss divergence theorem for 
\[ \iiint_S \mathbf{F} \cdot d\mathbf{S} = \int \int \int_D \nabla \cdot \mathbf{F} \, dV \]
by evaluating the integral over the cube bounded by 
\[ x = 0, \, y = 0, \, z = 0, \, x = 1, \, y = 1, \, z = 1 \]

8. (a) Evaluate the line integral \( \oint_C \mathbf{F} \cdot d\mathbf{r} \) along the circle \( \mathbf{r}(t) = \mathbf{a} + t \mathbf{b} \) for \( \mathbf{F}(x, y, z) = x^2 \mathbf{i} + y^2 \mathbf{j} + z^2 \mathbf{k} \)

SECTION-IV

7. (a) If the vectors \( \mathbf{a}, \mathbf{b}, \mathbf{c} \) are coplanar, show that \( \mathbf{a} \times (\mathbf{b} \times \mathbf{c}) = \mathbf{a} (\mathbf{b} \cdot \mathbf{c}) - \mathbf{b} (\mathbf{a} \cdot \mathbf{c}) + \mathbf{c} (\mathbf{a} \cdot \mathbf{b}) \)

6. (a) Express \( x^2 + 2y^2 + z^2 \) in cylindrical co-ordinates, \( r^2 \) and \( \theta \) have their usual meaning.

5. (a) Evaluate the integral \( \int \mathbf{F} \cdot d\mathbf{r} \) for \( \mathbf{F}(x, y, z) = x^2 \mathbf{i} + 2xy \mathbf{j} + 2y^2 \mathbf{k} \)

4. (a) If \( \mathbf{a} \) and \( \mathbf{b} \) are three vectors such that \( \mathbf{a} \times \mathbf{b} = \mathbf{0} \) and \( \mathbf{a} \cdot \mathbf{b} = 0 \), show that \( \mathbf{a} = \mathbf{0} \) or \( \mathbf{a} \) is parallel to \( \mathbf{b} \)

SECTION-II

3. (a) Evaluate the curl \( \nabla \times \mathbf{F} \) where \( \mathbf{F} \) have their usual meaning.
1. When is Control Panel explained in different uses?

2. Explain the following:

(a) Google Meet
(b) Window
(c) Hardware
(d) Recycle bin

I. Explain the following:

All questions carry equal marks.

Note: Candidate will be required to answer the questions in all.

Maximum Marks: 100

Time: Three Hours

Paper: L1-1

BASIC COMPUTER EDUCATION

1450 CSEM-22

Total Pages: 3

ROLL NO. 210202123967
4. What is a macro? Explain the steps to create a macro.

5. What do you mean by chart? Explain various types of chart.

6. Explain the following:
   (a) Search engine
   (b) ATM
   (c) FTP
   (d) WWW

8. What is Internet? Explain the ways of connecting Internet.
   (a) Dial-up
(The Swan Song)

How long has Svetlovodov been an actor?

Svetlovodov before leaving the estate?

What was the first solo performance enacted by

2. (a) answer any six of the following questions in a word:

that if you need to, you can hit it, hot

right say, I'll there wasn't no getting away from it, and

everything was cool and dried from the beginning, as you

sings, and be wanted to show that fat people. The

double up in one spot, gone for fifteen years, thinking

Why an old faker. He was a very holy man. He did say all

Of

to the sons of others?

with his wives. He had no property. How can a paramour go

in the forest. The stage crossing him and the become important

What importance? My uncle committed a crime while hunting

1. Explain with reference to context:

Note: All questions are compulsory.

Maximum Marks : 80

Time Allowed : 3 Hours

TRANSLATE THE FOLLOWING PASSAGE INTO HINDI:

The Prime Minister and Prime Minister Sir.

A press conference given by any religion can reach the top

A press conference given by any religion can reach the top

India is a secular country. It does not mean that the

(III) Statement of the purpose

Mobile phones are boon or a bane

Given topics:

Write a paragraph of about 300 words on any one of the

(IV) Preparation/Non-Hindi Speaking students only)

SHOULD BE Taught the Proper Definition of Religion.

basic principles of Religion, tolerance, and unity have

been a frightening to any religion can reach the top

and that they are

people there do not believe in religion or that they are

leaders of Helen and other economists of Helen today's many roles are taking place

becoming the Prime Minister and Prime Minister Sir.

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been a frightening to any religion can reach the top

and that they are

people there do not believe in religion or that they are

leaders of Helen and other economists of Helen today's many roles are taking place

becoming the Prime Minister and Prime Minister Sir.
Translate the following passage into English:

Communal Harmony in the Country
Express your views on the need of newspaper column expressing your views on the need of
Imaging you are a member of the editorial board of the newspaper.

Job profile: and write a covering letter also.

15 Prepare a resume that shows this
with good language skills to be appointment at your choice.
(c) The Daily Newspaper is looking for fresh graduates
Partial house: discretion, ability, thorough, forward:
visible, normal.

5 Live examples of any five of the following words:
accustomed to

the town. The town's green, sail in the boat, sail off,
and keep a cool head, sink in thought, wear down, each
inhabit. lovely, pleasant, spacious, hope, active, the mind,
still case: calves against a tiger, put an end, faces
your own:

Use any ten of the following phrases in sentences of
Only for BLIND STUDENTS in lieu of question 10.

Power, force, pressure, violence, domination, vindictive, defiance.

Give phonetic transcription with primary stress of any
five of the following words:

Why are the Indian tourists wearing masks?

Before breakfast

Who does Mr. Rowland put the money inside his pocket?

(chose Breakfast)

What did Ali sell the money he got by

The Monkey's Paw

Why did the rabbit put a spell on the paw?
(ख) निम्न में से किन्हीं चार का संस्कृत में अनुवाद कीजिए:
2×4=8
(i) कवियों में कलिन्दाश श्रेष्ठ हैं।
(ii) आपका क्या नाम है?
(iii) लता वाजार गई थी।
(iv) मोहन गंद से खेलता है।
(v) वह सिर से गांजा है।
(vi) सूर्य पूर्व में निकलता है।

1. अभावित हिस्सों के उत्तर दीजिए: 8×2=16
   (क) 'इत' संस्कृत विभागक संपत्ति लिखिए।
   (ख) 'रघुवंश' में किसके सर्ग हैं?
   (ग) शिवाजी की क्या प्रतिज्ञा थी?
   (घ) समन किसे कहते हैं? उदाहरण देकर बताईए।
   (ङ) 'तुलना' में कोन सा तद्देश प्रत्यय है?
   (च) 'अलौकिक तथा 'बाह्य' के योग में कौन-कौन सी विभिन्न प्रयोग होती है?
   (छ) योगीराज समाधि से कितने वर्ष पश्चात् जय?
   (क) राजा दिलीप ने गाय को कितने दिन सेवा की?

2. (क) निम्नलिखित में से किन्हीं दो रूपों का सम्प्रभु व्याख्या लिखिए। 5×2=10
   (i) सहवानुवानि दिण्तनस्य कृत्य दिन सेवा निलयाधिमुनम्।
   प्रवचनसे पत्रवातान्त्र्य प्रभा पत्रोस्स मुनेश घुणु॥
   (ii) मानवे से स्थायरस्थानां सर्गवंशिकार्यद्वारहस्तेः।
   गुणाण्वोऽन्नतमाहितामनेत्रयुपस्तानपुस्तानप्रक्षणीषयम्॥
Gy-

1540/M/1013/1,900

1.  𝑥 = 3

2.  𝑥 = 6

3.  𝑥 = 6

4.  𝑥 = 6

5.  𝑥 = 6

6.  𝑥 = 6
1. Each question carries 2 marks.

Choose the correct answers from the multiple choice questions.

Comprehensive Question (4 marks)

Handicapped candidates only.

Explanatory note on map will carry full marks for visually
questions carry equal marks. The part relating to
questions No. 1 is comprehensive. All
At least Five questions in all. Selecting one question
Maximum Marks: 80

Attempt Five questions in all. Selecting one question
Option (I)

Indian National Movement

1541

GSM-M-22

Total Pages: 7

Map of India
(ii) Where British Indian Association was founded?

(d) (c) (b) (a)

(d) Madras

(c) Bombay

(b) Delhi

(a) Calcutta

(iii) Who was the editor of newspapers, Kesari and Maratha?

(d) Lala Lajpat Rai

(c) Annie Besant

(b) Rabindranath Tagore

(a) Mahatma Gandhi
4. Give a brief account of the Civil Disobedience Movement.

UNIT-II (II)

3. Write a historical essay on Home Rule Movement.

1. Account for the emergence of Indian Nationalism.

UNIT-I (I)

7. Between (a) 1947 (b) 1937 (c) 1935, which year is correct?

5. When was the political career of Subhash Chandra Bose?

(iii) Where was the Head Quarters of Naujawan Bharat Sabha?

2. The Indian Independence Act was passed in?

(a) 1947 (b) 1946 (c) 1945 (d) 1944 (e) 1943

(vi) Which system of government was started in India?

(a) None (b) Monarchy (c) Democracy (d) Federal (e) Kingdom
UNIT III

6. Discuss the salient features of the Government of India Act of 1919 and its impact on India.

UNIT IV

5. Examine the contributions of Bhagat Singh and Harish Chandra to the Indian freedom movement.

UNIT I

4. On the outline map of India, show important centers of the Revolt of 1857.

8. On the outline map of India, show important centers of the Indian Movement. Also write an explanatory note.

10.6

10.6

10.6

10.6

10.6
Define the following terms:

1. Which concept is discussed in the above case study?
2. What is the significance of the term?

Based on the information, answer the following questions:

1. In an economy, total output during war years amounted to...
2. Consumption expenditure by government for war purposes amounted to...
3. If the production was 200 crore, out of it, the production worth 200 crore are...
4. In an economy, local output during war years amounts to...

UNIT-III

5. What do you mean by money? Explain its importance.
6. Critically examine the classical theory of interest.
7. Explain demand-pull and contractionary policies. Write various...
8. Discuss the causes and effects of inflation...
9. Critically explain Fisher's quantity theory of money...
10. Explain the monetarist approach to inflation...

UNIT-II

11. What is meant by trade cycle? Explain the business cycle theory of...
12. What is domestic tax revenue?

MACRO ECONOMICS-II

Total Pages: 6

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

Maximum Marks: 80

Time Allowed: 3 Hours

Roll No. 6
A) Not affected on price level.

B) Both (a) and (p).

C) Decrease in value of money.

D) Increase in price level.

(c) Increase in money supply in the economy leads to:

(a) Money multiplier
(b) Credit multiplier
(c) Both
(d) None of these.

(b) Volume of credit creation depends on the size of:

(a) Demand (p)
(b) Demand (q)
(c) Both
(d) None of these.

(c) Indirectly related

(b) Quantity of money and value of money are:

(a) Directly related
(b) Indirectly related
(c) Not related

(b) All of these.

C) Prices

A) Employment

B) Income

(c) Trade cycles are related to:

(a) Prices
(b) Income

(c) Both
(d) None of these.

(b) Multiplier is:

(c) Indirectly related

(d) Directly related

(b) Marginal propensity to save is 0.2, the value of the

(a) Multiplier is:

(b) The marginal propensity to save is 0.2, the value of the

(c) Choose the correct answer from the given alternatives:

(d) Give four suggestions to solve this situation.

(e) Explain the concept (involved in question 1) with the help of diagram.

(f) Calculate the inflationary gap from the given data.
16 Explain the principle of accretion. What is its significance in

properties to consumers?

Select multiplier. How its value is related with marginal

UNIT 1 (Page 1)

Define quantity theory of money.

What is meant by real interest

(a) Answer the following:

the government

and expenditure on

(e) Related to revenue

15/3/2159/3,700

4 15/3/2159/3,700

(i) Quantity theory of money

(b) Principle of

(c) Number of times

Fiscal Policy

(b) Aggregate demand

(c) Goods

Barter system of exchange

Which of the following are correct answers:

(d) Only (a), (b) and (d)

(e) Only (a) and (b)

(f) Only (a) and (c)
1. Define learning curve. Explain the types of learning curve.

2. Explain the various methods of warming up and cooling down.

3. What is cooling down? Explain the significance of cooling down.

UNIT II

UNIT I

Note: Attempt five questions in all. Select one question from each unit. Question No. 9 is compulsory. Maximum Marks: 60

Time Allowed: 3 Hours

Health and Physical Education

CSM-22

Roll No. 3

Total Pages: 3
(a) Explain active warming-up.

9. Compulsory Question (Written Answer)

(1) Explain Laws of Effort.


(3) Explain Olympic Games of Ancient Olympic Games.

(4) Explain Funds on Olympic Committee.

(6) Write in detail the effects of regular exercise on Respiration System.

UNIT-A (Sports-I)

Describe the complete physiology of Respiration System.

UNIT-B (Sports-II)

Describe the Olympic Watersports in detail.

UNIT-C (Sports-III)

Describe the Olympic Games in detail.

(1) Explain Laws of Learning.

(3) Write down notes on the following:

(a) Plateau in Learning.
UNIT-1 (MUSIC VOCAL)

In detail about Ektaal along with its Ektaal and Dugi.

1. Write in detail about Ektaal along with its Ektaal and Dugi.

2. Give the detailed introduction of Raga Kedar with its Aronch.

3. Write the notation of a Vittam Khyal in any Raga prescribed in your syllabus.

4. Write the notation of an Jalal Khyal in any Raga prescribed in your syllabus.

Note: Attempt three questions in all, selecting at least one question from each unit. All questions carry equal marks.

Time Allowed: 3 Hours

Maximum Marks: 40

Paper-I (Theory)
UNIT III

8. Describe about the importance of music in social life during the Medieval period.

9. Write in detail about development of music during Medieval period.

10. What do you know about Great Music Messe (used in Papal Masses of the Renaissance).

UNIT II

5. Write the detailed note on lappa and h妖.

6. Describe in detail about lampa and shajayka needs.

7. What do you know about placement of Swares on 22 Shrinus according to Punjab Vocal.

8. What do you know about placement of Swares on 22 Shrinus according to Punjab Vocal.

8. What do you know about placement of Swares on 22 Shrinus according to Punjab Vocal.

8. What do you know about placement of Swares on 22 Shrinus according to Punjab Vocal.

8. What do you know about placement of Swares on 22 Shrinus according to Punjab Vocal.
8. Write the meaning of Razineshi Car with his at least two loads and two horses from your prescribed syllabus.

7. Write the meaning of Razineshi Car with his at least two loads and two horses from your prescribed syllabus.

6. Give detailed description of the following topics:

(UNIT-1) नीलाकंठा

Note: Attempt five questions in all, selecting at least one question from each unit. All questions carry equal marks.

Time Allowed: 3 Hours

Maximum Marks: 40

Paper-II (Theoretical)

MUSIC INSTRUMENTATION

GSNS-M-22

Total Pages: 3
8. When is the role of science in promoting educational and cultural

UNIT III (Section III)

8. Write an essay on Mughal music.

6. What is the role of Muslim rulers in India towards music?

(b) Sandhi Prakasch Kasse

(4) Prakasch-Tithi

5. Define the following:

UNIT II (Section II)

8. Write the description of the Eternal with his Thakar and Chak MM.
Office Management

Note: Attempt any five questions in all. All questions carry equal marks.

Total Marks: 80

Time Allowed: 3 Hours

1. Explain need and importance of minutes.
2. Define minutes. Give its contents and essential points to be kept in mind while writing minutes of meeting.
3. Discuss essentials of a company's valid meeting.
4. What is company meeting? Distinguish between board meeting.
5. Note : Answer any five questions in all. All questions carry equal marks.
9. What are the different roles to be played by personal secretary in business house? Also discuss his duties in general.

8. What do you mean by decision and note taking by a personal secretary while keeping the record and notes?

7. What are the functions of personal secretary in government offices?

6. Discuss the main provisions of official language not applicable in government offices.

5. Define Secretary. Give in brief qualification and qualities of a Secretary.

4. Explain guidelines for drawing of agenda of meeting.

3. Advancement of meeting.

(c) Resolution of meeting.

(ii) Resolutions.
UNIT II

2. Critically explain Karl Marx's theory of revolution.

3. Critically examine Hegel's dialectical theory.

UNIT I

6. List the comparative advantages and drawbacks of each line. Question No. 6 is compulsory. All questions carry equal marks. Each line question No. 6 is compulsory.

Note: Answer five questions in all selecting one question from each line. Maximum Marks: 80

Time Allowed: 3 Hours

OP: 1

WESTERN POLITICAL THINKERS-II

1568

CSWV 1.2

Total Pages: 5
1. (a) Lenin (p) (b) Karl Marx (q) (c) Russian

2. (a) Germany (p) (b) Russia (q) (c) China

3. He was born in which country?

4. Discuss the contribution of C.H. Cole to political thought.

5. Discuss major political ideas of Mao-Tse-Tung.

6. Write a detailed note on the theory of Stake Proposition.


9. (a) Lenin (p) (b) Karl Marx (q) (c) Russian

10. When was Lenin born?

11. Who is the author of 'Das Kapital'?

12. 1875

13. 1870

14. 1870

15. 1875

16. 1880

17. 1870

18. 1880

19. 1875

20. 1880
A 1930 A.D.
(c) 1922 A.D.
(d) 1925 A.D.

Which is the name of the famous book written by John

(a) Nobel
(b) Person
(c) Lincon
(d) Society

Power
(b) License
(c) Will
(d) Capable

(b) basis of the science
(c) According to C.J. Cole, which of the following is the

(a) Examine
(b) Try
(c) Practice
1. What do you know about Ali? Does he stand for freedom?

2. Discuss the important political ideas of Dr. Ram Manohar Lohia.

3. Critically examine the views of Gandhiji about socialism.

marks

Note: Attempt five questions in all. All questions carry equal

Maximun Marks: 80

Time Allowed: 3 Hours

OPtion-ll

Paper-ll

INDIAN POLITICAL THINKERS

1569

GSM-M-27

Total Pages: 5
5. Give an account of the contribution of Jawaharlal Nehru to the

6. Explain in detail views about democracy by J.B. Pillai and

7. Describe the contribution of Subhash Chandra Bose in the

8. Describe Bhagat Singh's views about socialism

9. (a) Who was the Sardar of Movement (b) Who was the Sardar of Movement

10. (c) When did the Civil Disobedience Movement start (d) When did the Civil Disobedience Movement start

11. (c) When did the Punjab Rebellion occur (d) When did the Punjab Rebellion occur

12. (c) Why did Punjabi Netha die? (d) Why did Punjabi Netha die?

13. (c) Who wrote the book 'Socialism' (d) Who wrote the book 'Socialism'

14. (c) Rabinandranath Tagore (d) Rabindranath Tagore

15. (c) P. Narayan (d) P. Narayan

16. 8 x 2 - 16 freedom of India

17. Explain in detail views about democracy by V.B. Chaudhary and

18. Describe Bhagat Singh's views about socialism

19. (a) Who was the Sardar of Movement (b) Who was the Sardar of Movement

20. Give an account of the contribution of Jawaharlal Nehru to the
1570

competent

(a) Show that the series \( \sum \frac{1}{n^3} \) is convergent.

(b) Show that the infinite product is convergent.

(c) Is the sequence \( \{ a_n \} \) convergent?

(d) Show that the series is convergent.

(e) Give an example of an initially oscillating sequence.

(f) Prove that the sequence of rationals is not a sequence.

(g) Show that the sequence of rational numbers is not a sequence.

(h) Prove that the least upper bound of a set of reals exists.

(i) Discuss the convergence of the infinite product.

(j) Prove that the series \( \sum \frac{1}{n^2} \) is convergent.

(k) Is the sequence \( \{ a_n \} \) convergent?

(l) Show that the Cauchy product of the two divergent series

\[ \sum_{n=0}^{\infty} \frac{1}{n^2} + 1 \]
UNIT I

1. Test the convergence and absolute convergence of the series:

\[ \sum_{n=0}^{\infty} \frac{u^n}{1-u(1-)} \]

2. Show that the sequence \( <x_n> \) converges to the positive root of the equation \( x = x^2 - \frac{a}{b} \), where \( a \) and \( b \) are positive real numbers.

3. \( \left( \frac{a}{b} \right) <n> \) converges to \( a \) if the sequence \( <a_n> \) converges to \( a \) and \( <q_n> \) converges to \( q \) then prove that the sequence \( <a_n + q_n> \) converges to \( a + q \).

UNIT II

1. Let \( x \) be a limit point of the set \( A \cup B \). Show that every infinite bounded subset of real numbers contains a point of \( A \cup B \).

2. Let \( A \) and \( B \) be two open sets of \( \mathbb{R} \). Show that their set \( A \cup B \) is also open.

3. Let \( S \) and \( T \) be non-empty bounded subsets of \( \mathbb{R} \) then prove that \( S \cup T \) is also bounded and \( \inf (S \cup T) = \min \{ \inf S, \inf T \} \).
UNIT I

1. a. Solve: \( \frac{dx}{dp} + \frac{x}{p} = \frac{dx}{dt} + \lambda (2 - x) \) in series.

2. (a) Find Fourier identity for Fourier transformation.
   (b) Find Fourier cosine transformation of 2e^{-x^2}.
   (c) Find Laplace transformation of \( \sin t \).
   (d) Using Rodrigues' formula find \( p^2(x) \) and \( p^2(x) \).
   (e) Write generating function of Gamma function.
   (f) Write duplication formula of Gamma function.

Compulsory Question

Questions carry equal marks.

From each Unit, Question No. 1 is compulsory. All Questions are to be answered.

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

Maximum Marks: 26

Paper-3

Time Allowed: 3 Hours

SPECIAL FUNCTION AND INTEGRAL TRANSFORMS

1571

6SM/M-22

Total Pages: 3
UNIT I

5. \( f(x, t) \) is bounded.

6. Evaluate \( \int e^{zt} \, dt \) if possible.

\[ (ii) \]

\[ [0, 1] \times [0, 1] \]

\[ f(x, t) = \begin{cases} 1 & \text{if } x > t > 0 \\ 0 & \text{otherwise} \end{cases} \]

7. Solve the initial condition:

\[ \frac{\partial u}{\partial t} = \frac{\partial^2 u}{\partial x^2} \]

\[ u(0, t) = 1 \]

8. Find \( f(x) \) if its Fourier sine transform is

\[ \mathcal{F}\{f(x)\} = \frac{s}{\pi} \int_0^\infty f(x) \sin(\alpha x) \, dx \]

UNIT II

9. Solve the integral equation:

\[ \int_0^t \sin(x(t) - \tau) \, d\tau = \sin(x(t)) \]

where \( x(t) \) is given.

10. Show that:

\[ \int_0^\infty e^{-zt} e^{zt} \, dt = \frac{1}{z} \]

UNIT III

11. Prove that:

\[ \int_0^\infty e^{-zt} e^{zt} \, dt = \frac{1}{z} \]

12. Show that:

\[ \int_0^\infty e^{-zt} e^{zt} \, dt = \frac{1}{z} \]

13. Derive the integral representation of Bessel's function.

\[ J_n(x) = \frac{1}{\pi} \int_0^\pi \sin(x \cos \theta - n \theta) \, d\theta \]

Show that:

\[ J_n(0) = \frac{1}{2} \]

14. Prove that:

\[ J_n(x) = \frac{1}{\pi} \int_0^\pi \sin(x \cos \theta - n \theta) \, d\theta \]

Show that:

\[ J_n(0) = \frac{1}{2} \]

15. Prove that:

\[ J_n(x) = \frac{1}{\pi} \int_0^\pi \sin(x \cos \theta - n \theta) \, d\theta \]

Show that:

\[ J_n(0) = \frac{1}{2} \]
NUMERICAL METHODS

PROGRAMMING IN C AND C++
UNIT I

2. Find the order of convergence of Regula Falsi method.
3. Find a root of \( f(x) = 0 \) using Newton-Raphson
   method correct up to three decimal.
4. What do you mean by Newton-Raphson
   method? Explain the concept of
   Newton-Raphson method.
5. Explain the concept of
   Newton-Raphson method.
6. How is a string stored in an array in C?

UNIT II

2. Write down the general formula of a function definition.
3. Write a recursive and non-recursive function to calculate
   the factorial of a number.
4. Explain the syntax of switch statement by an example.
5. Difference between the following:
   (a) Explain the syntax of while loop
   (b) Explain the syntax of if-else

UNIT III

2. Explain the purpose of the scan f() and print f() functions.
3. Solve the following equations by Cramer's method.
   \[ \begin{align*}
   &x = 2z + 3y + x \\
   &y = 2z + 3y + x \\
   &z = 2z + 3y + x
   \end{align*} \]

UNIT IV

2. Solve the following equations by substitution.

\[ \begin{align*}
&6 = 2x + 3y + z \\
&8 = 2x - 3y + z \\
&36 = 2x + y + z
\end{align*} \]
2. Explain any two of the following:

(a) Syllogism
(b) Sentential Completeness
(c) Characters
(d) Modernism

Explain the instruction. Why reverence? The example. A Christian woman: a few who should his reverence be.

If a few wrong a Christian woman is his humility reverence?

That I should questionless be permissible.
I have a mind presages me such light.
To hold a real place with one of them,
Gained two excerpts: given two excerpts.

I. Explain with reference to the context any one of the following questions are compulsory.

Maximum Marks: 80

Time: Three Hours

ENGLISH

BAO/M-22

Roll No.---------

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1. देखिये कि उपर उत्तर व उत्तर के संबंध, (x)

2. इस प्रश्न के माध्यम से लिखिए कि इसमें क्या हैं, (x)

3. इस प्रश्न के माध्यम से लिखिए कि इसमें क्या हैं, (x)

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2×5=10

2.  (8)

2×8=16

Maximum Marks: 80

Time: Three Hours

SANSKRTI COMPLI'SORVY

BAO/M-22

1678

Roll No. 03

Total Pages: 03
8
1. Hääklo ja hääklo üks hääke üks hääklo hääkle (a)
2. Hääklo hääklo üks hääklo hääkle (a)

9
1. Hääklo üks hääklo üks hääklo (a)
2. Hääklo üks hääklo üks hääklo (a)
3. Hääklo üks hääklo üks hääklo (a)
(ii) कालियों के खिलाफ कुशलता है। एक िहृता है।

अन्तर्दृष्टि:।

उद्योगी कारण: एक विज्ञानी कारण:।

(iii) यदि वह एक व्यक्ति या अन्य व्यक्ति को क्षण का विषय करता है।

प्रत्येक परिस्थिति में प्रत्येक परिस्थिति में विषय का मानक शोधन है।।

(iv) विश्लेषण जो एक महत्त्वाकांक्षी विषय का विश्लेषण करता है।

कि कामविद्यात समानांतरित है। चुनाव उपलब्ध भी तात्कालिक।।

(ख) विविधता गुणों के समयकालीन उत्सकों को रूपांश वाला उचित नहीं है।

एक्स-िवर्गीय विकसित प्राचीन सम्पत्ति।

अन्तर्गत

उद्योगी के शासन कांशा।

3. (क) कालियों के रचनाओं में हर बार धारा का विवेक की गयी है।

अन्तर्गत

कालियों के रचनाओं में हर बार की गई तथ्यों में हुआ था।

(ख) विविधता नेत्र में उस समय एक पृथ्वी की अवधि के बारे में आधारित था।

(ग) क्रोध के रेखांकित कारणों से श्रावण का कारण है।

(घ) कालियों के रचनाओं में श्रावण का कारण यह है।

1-1679
Note: The question paper will consist of nine questions.

Maximun Marks: 80

Time: Three Hours

Modern Europe (1789-1945 A.D.)

HISTORY

1881 BA\(\text{A}\)/M-22

1. Write a note on the Empire of British India.

2. Discuss in detail the results of the Second World War.

3. Describe the impact of the French Revolution.

4. Explain the causes of the Industrial Revolution.

5. Discuss the impact of the French Revolution.

6. Discuss the impact of the American Revolution.

7. Discuss the impact of the Chinese Revolution.

8. Discuss the impact of the Russian Revolution.


10. Discuss the impact of the World War II.

11. Discuss the impact of the World War I.

12. Discuss the impact of the World War I.

13. Discuss the impact of the World War I.

14. Discuss the impact of the World War I.

15. Discuss the impact of the World War I.

16. Discuss the impact of the World War I.

2. Write an essay on the Congress of Berlin.

Revolution in 1848 AD.

Describe the Political and Religious causes of the French Revolution.

---

(v) When was the Treaty of Versailles signed?

(a) 1916
(b) 1618
(c) 8161
(d) 6161

(vi) The League of Nations was created by which Nation?

(a) Germany
(b) Britain
(c) France
(d) USA

(vii) Joseph Stalin became dictator of Russia in:

(a) 1917
(b) 1942
(c) 1961
(d) 1961
1. In India, Planning Commission was set up in Year 1950.

2. Explain the success and failures of the Plan.

3. Discuss the problems of India's foreign trade.

4. What are the main features of India's foreign trade.

5. Why was International Monetary Fund established?

6. What is the significance of the establishment of IMF?

7. What do you mean by economic planning?

8. Critically evaluate the first Five-Year Plan of India.

9. Discuss the economic planning in India in general and in General Sector and industrial sector.

10. How have economic planning been successful in India and per capita income has also been applicable.

Opinion-

NOTE: Attempt five questions in all selecting one question from each and any of the three units of the four units.

Maximum Marks: 80

Time: Three Hours

[BA/M-22]

TOTAL PAGES: 08

ROLL NO. 

[1983(III)]

2690

8
Which of the following is the correct alternative?

(a) Liberation
(b) Nationalization
(c) Subordination
(d) All of the above

2. Choose the correct alternative:

(a) The policy of economic planning
(b) The policy of economic development
(c) The policy of economic growth
(d) None of the above

3. In the light of this case answer the following questions:

(a) What is the main objective of economic planning?
(b) What is the main objective of economic development?
(c) What do you mean by economic planning?
(d) What do you mean by economic development?
P.T.O.

5. Which of the following options, which one is set up in the year 1995 by the government of India?

(a) National Avocado (c) Banking Facility
(b) Ranges Annuity (d) Favourable Balance

(c) Dunham Vagina

(i) Indian Marines (ii) SNOPs

How many persons are appointed in each of the above

(a) 10 persons (c) 5 persons
(b) 20 persons (d) All of the above

6. Improvement of the health of which of the following?

(a) to improve the standard of living of people of the member countries
(b) to improve the balance of payment
(c) to project environmental
(d) not the objective of the WTO

(a) Among the following options, which one is

10 (a)
1 (b)
12 (c)
6. What do you mean by Industrial Diseases?

The term refers to various ailments and conditions that affect workers in industrial environments, often as a result of occupational exposure to hazards such as chemicals, dust, noise, or ergonomic factors. These diseases can range from minor irritations to life-threatening illnesses. It is essential to take preventive measures to reduce the incidence of industrial diseases. The government and industrial sectors collaborate to implement health and safety standards to protect workers. Discuss measures taken by the government for development of the Indian industries.

5. What do you mean by Social Security?

Social security refers to the measures and programs implemented to provide financial assistance and protection to individuals and families in various situations, such as unemployment, disability, old age, and death. These systems aim to ensure a minimum standard of living for citizens, reducing vulnerability to economic shocks. Explain various types of social security services.

4. Explain the advantages and problems of Indian unemployment.

Unemployment can pose significant challenges to the economy and society, affecting both productivity and social cohesion. On the other hand, it can lead to job creation and innovation. Discuss various factors contributing to unemployment in India.

3. When are the problems being faced by Indian industries?

The challenges faced by Indian industries are multifaceted, including market competition, high labor costs, and outdated infrastructure. These issues need to be addressed to enhance competitiveness and growth.

2. Give your suggestions to correct distribution.

Correct distribution involves ensuring an equitable allocation of goods and services. Suggestions might include reducing disparities in access to resources and improving the efficiency of supply chains.

1. Explain the major functions of IMF.

The International Monetary Fund (IMF) plays a crucial role in managing global financial stability. Its primary functions include providing financial assistance to member countries, developing policies to promote sustainable growth, and monitoring international trade and payments systems.

Question 6: Answer the following questions:

(a) Explain the impact of the recent economic policies in the context of the global economy. (b) Discuss the role of multinational corporations in the global economy. (c) Analyze the factors contributing to the increase in trade deficits. (d) Evaluate the impact of currency fluctuations on international trade. (e) Discuss the implications of the recent increase in interest rates on the economy. (f) Explain the role of government intervention in economic stabilization. (g) Discuss the potential consequences of increasing automation on the labor market. (h) Analyze the factors influencing the recent increase in global oil prices.
UNIT II

1. Define Motivation. Explain types and importance of

UNIT I

1. Name 6 types of motivation. Explain types and importance of

From each unit, Q. No. 9 is compulsory.

Note: Attempt five questions in all selecting one question from each unit. [Maximum Marks: 60]

Time: Three Hours

HEALTH AND PHYSICAL EDUCATION

BAO/M-22

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

TOTAL PAGES: 03
When do you understand by Oesophagus?

What are the main functions and problems of the digestive system?

Explain the law of reaction.

What is a group cohesion?

Define Internal learning method.

What is Sports nutrition?

What are the motion techniques in sports?

Define the Kinetic motion.

Describe on digestive system.

Describe the mechanisms of digestive system and organs of digestive system in detail.

Unit IV (ပေါ်ထွင်)


7. Biomechanics in Physical Education and Sports. Describe the importance of Biomechanics.

Unit III (တိုက်ဖက်)

December 6, 1979

The first page of the following:

The second page of the following:

The third page of the following:

The notes:

The figure:

The table:

1694

DAA/1932

Total pages: 40

Note: No. 
10. (i) Name of the candidate:

(ii) Father's Name:

(iii) Other Names:

(iv) Address of Current Residence:

(v) Previous Place of Residence:

(vi) Professional qualification:

(vii) Experience in the field of anthropology:

Section B (Cont'd.)
P.T.O.

With detailed description of the Rame and four Torres.

Write the notation of Hassanain Fl of Rame Dhimadi.

Note: Question paper is divided into three Units. Attempt 3 questions in all, selecting at least one question from each Unit.

PAPER II

MUSIC INSTRUMENTAL

BAO/M-22

1995

Total Pages: 03
8. Write the development of Indian Classical music during the 17th to 19th century.

5. Write the merits and demerits of the notation system.

4+8

Kamas prescribed in your syllabus with detailed description.

4. Write one case in the period of Rukhs Rodrigo or of the

1. Evangelia

Kurum and Birmanis of Birman and Bagra

3. Give the detailed and comparative study of the following:

2. Where the English, Dutch, French and Chinoys Living houses
1. Write short notes on the following:

- What is a computer?
- Explain various characteristics of a computer.

2. What is a computer? Explain various characteristics of a computer.

1) Wide Area Network

2) Decimal Number System

3) Super Computer

4) Third Generation Computer

Max. Marks: 80

Time: Three Hours

MANAGEMENT
COMPUTER APPLICATIONS IN OFFICE

BAO/M-22

Roll No. 1704
1. Write a brief note on the History of Computer.

2. Describe applications of Information Technology.

3. Explain various types of Network Topologies.


5. Write short notes on the following:

   - Application Software
   - System Software
   - Application Software
   - System Software

6. Write short notes on the following:

   - (i) Mouse
   - (ii) Key Board
   - (iii) Punch Card
   - (iv) Fourth Generation Computer

7. Describe applications of Information Technology.

8. Write short notes on the following:

   - Application Software
   - System Software
   - Application Software
   - System Software

9. What is Software? Explain different types of Software.

10. Write a brief note on the History of Computer.
16. Discuss the main features of the social-economic system of the UK and U.S.A.

17. Discuss the main features of the main political traditions of the UK and U.S.A.

Note: Attempt any five questions. All questions carry equal marks.

Maximum Marks: 50

Time: Three Hours
The term of U.S. President is 4 years.

8 x 2 = 16

9. Objectives of questions:
   - Discuss the characteristics of American government.

8. What is meant by bureaucracy? Discuss the main functions of bureaucracy.

6. Discuss the functions and structure of pressure groups in America.

6. Discuss the main features of British Political System.

6. Discuss the role of Prime Minister in the UK.

5. Name the three branches of the U.S. government.

5. What is the name of the British Constitution?

4. Prime and Equal.

4. Which Party System is found in U.S.A.?

3. Single Party (p)
   - Multi-Party (q)

2. Which is the term of House of Commons?

   3 (p)
   - 4 (q)
   - 5 (q)
   - 6 (q)

2. The official residence of the British Prime Minister is:

   1. Downing Street (c)
   - Buckingham Palace (d)

1. Who is the Prime Minister of the UK?

   1. Tony Blair (d)
   - Tony Abbott (c)
   - Gordon Brown (d)
   - David Cameron (d)
Also find the relation connecting them. $z = x + y = x - y = \frac{z}{x} - \frac{y}{x}$.

2. Show that the function $\frac{z}{x} + \frac{y}{x} = n$.

Section 4

1. many solutions.

2. prove that the equation $w = \exp z$ has infinitely

3. prove the Cauchy-Riemann equations for analytic function

4. define fixed point

5. prove that $f'(u) = (u - 1)f(u)$.

6. define Dirichlet's integral

Complex Question

Note: Answer true questions in all sections.

Maximum Marks: 27

Paper: BM-361

REAL AND COMPLEX ANALYSIS

BAO/M-22

Total Pages: 4
2. \( f (x) = \frac{1}{x} \) \( x \neq 0 \) find a series of cosine of expansion of function \( f(x) \).

Also find the sum of series for:

- \( x > x > 0 \)
- \( x = x = 0 \)
- \( x = x < 0 \)

Obtain the value of expansion of function \( f(x) \).
same dimension
the same hold are isomorphic. If they have the
prove that two dimensional vector spaces over

that is isomorphic to and 

when and prove that

let be a subspace of a finite dimensional vector

let be a subspace of a finite dimensional vector

show that the vectors 

the union of and 

prove that

prove that

Proposition 1
a) A particle is projected with a velocity 14 m/s in a plane under a constant force. Find the distance moved by it in 10 sec from rest.

b) A mass of 10 kg is placed on a smooth horizontal table and is acted upon by a force of 96 Newtons. Find the distance moved by it in 10 sec from rest.

c) A particle is projected with a velocity 14 m/s in a plane under a constant force. Find the distance moved by it in 10 sec from rest.

d) A particle is projected with a velocity 14 m/s in a plane under a constant force. Find the distance moved by it in 10 sec from rest.

e) A particle is projected with a velocity 14 m/s in a plane under a constant force. Find the distance moved by it in 10 sec from rest.

**Question**

From each hand, 1 kg. No. 1 is compulsory.

**Note:** Attempt the questions in all selecting one question from each.

*Maximum Marks: 27*

BM-363

**DYNAMICS**

BAO/M-22

Roll No. 05

Total Pages: 05
7. S

(a) A body of mass $5$ lbs is hung by the thin, extendible string $pq$, then pulled down a further distance of $2$ feet and released. Find the period of oscillation and maximum velocity.

(b) A particle moves with $v_1 = 20$ ft/sec in a straight line. In the next second, a force directed by the free body moves the particle along a straight line parallel to its original path and causes it to move with a velocity of $v_2 = 30$ ft/sec. Determine the magnitude of the force acting on the particle.

(c) A point moves along the curve of a cycloid in such a manner that the tangent at any point with a constant speed of $20$ ft/sec. Show that the acceleration of the point is constant in magnitude but moving parallel to the tangent. Show also that the acceleration of the point moves along the curve of a cycloid in such a manner that the tangent at any point with a constant speed of $20$ ft/sec.

(d) A balloon of mass $m$ is rising with an acceleration of $g$. Assuming the balloon is very large and the weight of the balloon is negligible, find the acceleration of the balloon.

(e) A balloon of mass $m$ is rising with an acceleration of $g$. Assuming the balloon is very large and the weight of the balloon is negligible, find the acceleration of the balloon.

(f) A balloon of mass $m$ is rising with an acceleration of $g$. Assuming the balloon is very large and the weight of the balloon is negligible, find the acceleration of the balloon.
when it reaches Q. It is the projection of the line of the path and the line representing the path of the ball. The distance from P is the horizontal distance of Q. If another point O whose position and direction of motion is known, the angle at which the path is made to pass through O.

2.5. Where time = etc. a.

the particle is moving in a straight line in this direction and the information in the motion is to show that the path is a parabola. Be, R = 0.

If a point of a parabola path velocity be, .

They will mean it time = etc. b.

down the curve an interval of time 1. They then

Two particles are let drop from the same or a cylinder below the point of projection is 1. They will leave the sphere at the point whose vertical distance fixed smooth sphere of radius 2. It will if it will be the highest point of the outside of a

6. (a) A particle is projected horizontally with a velocity.