



ARMY PUBLICS CHOOOL GWALIOR

ACADEMIC SESSION 2024-2025

EXAMINATION CIRCULAR

I- PRE BOARD CLASS X - XII



Dear Parents,

1. First pre board of **Class X - XII** will be conducted from 9 December 2024. The Date sheet of the examination is attached herewith. Blue print of question papers will be as per CBSE pattern

CLASS X - XII

DATE	DAY	X	XII
9 Dec. 2024	MONDAY	SOCIAL SCIENCE	ENGLISH
11 Dec. 2024	WEDNESDAY	ENGLISH	CHEMISTRY/ ACCOUNTANCY/ HISTORY
13 Dec. 2024	FRIDAY	HINDI COURSE B	MATHEMATICS/ BIOLOGY/ POLITICAL SCIENCE
16 Dec. 2024	MONDAY	SCIENCE	PHYSICS/ BUSINESS STUDIES /HINDI
18 Dec. 2024	WEDNESDAY	MATHEMATICS STANDARD/MATHEMATIC S BASIC	ECONOMICS
20 Dec. 2024	FRIDAY	INFORMATION TECHNOLOGY/ARTIFICIAL INTELLIGENCE /MULTI MEDIA/DATA SCIENCE/PHYSICAL ACTIVITY TRAINER/MARKETING AND SALES	PAINTING/PHYSICAL EDUCATION/NCC/ PSYCHOLOGY/ COMPUTER SECEENCE
23 Dec. 2024	MONDAY	---	INFORMATION TECHNOLOGY/ ARTIFICIAL INTELLIGENCE /MULTI MEDIA /PHYSICAL ACTIVITY TRAINER/MARKETING AND SALES

Note:-

1. **06 December will be observed as Preparation Leave for Preboard -1**
2. **School time during the examination** - **0815 hrs - 1230 hrs**
3. **Exam Timings** - **0915 hrs - 1230 hrs**
4. **P.T.M** - **27 Dec 2024**

CLASS- XII

SUB- MATHEMATICS

Time:-3 hrs
80

M.M-

1. This Question paper contains - **five sections** A, B, C, D and E. Each section is compulsory. However, there are internal choices in some questions.
2. **Section A** has 18 **MCQ's and 02** Assertion-Reason based questions of 1 mark each.
3. **Section B** has 5 **Very Short Answer (VSA)-type** questions of 2 marks each. Internal choice is provided in 2 questions.
4. **Section C** has 6 **Short Answer (SA)-type** questions of 3 marks each. Internal choice is provided in 3 questions.
5. **Section D** has 4 **Long Answer (LA)-type** questions of 5 marks each. Internal choice is provided in 2 questions.
6. **Section E** has 3 **Source based/Case based/Passage based/Integrated units of assessment** (4 marks each) with sub parts of 1,1, and 2 marks.

Internal Assessment	20Marks
Periodic Tests	10 marks
Mathematics Activities	10 marks

Assessment of Activity Work:

- The activities performed by the student and record keeping :5 marks
- Assessment of the activity performed during PT-2, :3 marks
- Viva : 2 marks

Syllabus:

Class XII: Full Syllabus as per CBSE.

BIOLOGY

Time- 3Hrs

M.M- 70

S.NO	TYPES OF QUESTION	MARKS OF EACH QUESTION	NUMBER OF QUESTIONS	MARKS
1	MCQ	1	16	16
2	SA-I	2	5	10
3	SA-II	3	7	21
4	CASE BASED	4	2	8
5	LA	5	3	15
6	TOTAL		33	70

Syllabus of PB- I

Chapter 1- Sexual reproduction in flowering plants

Chapter 2- Human Reproduction

Chapter 3- Reproductive Health
 Chapter 4- Principles of inheritance and variation
 Chapter 5- Molecular basis of inheritance
 Chapter 6- Evolution
 Chapter 7- Human health and Diseases
 Chapter 8- Microbes in Human Welfare
 Chapter 9- Biotechnology: its principles and processes
 Chapter 10- Biotechnology and its applications
 Chapter 11- Organisms and population
 Chapter 12- Ecosystem
 Chapter 13- Biodiversity and its conservation

PHYSICS (042)

Time 3Hrs

M.M-70

S.NO	TYPES OF QUESTION	MARKS OF EACH QUESTION	NUMBER OF QUESTIONS	MARKS
1	Section A	MCQ	1	12
		Assertion and reason	1	4
2	Section B	Very short answer	2	5
3	Section C	Short answer	3	7
4	Section D	CASE BASED QUESTIONS	4marks each	2
5	Section E	Long answer	05	03
TOTAL			33	70

SYLLABUS

- Chapter-1: Electric charges and fields
- Chapter-2: Electrostatic Potential And Capacitance
- Chapter-3: Current Electricity
- Chapter-4 Moving Charge And Magnetism
- Chapter-5: Magnetism And Matter
- Chapter-6: Electromagnetic Induction
- Chapter-7 Alternating current
- Chapter-8 Electromagnetic waves
- Chapter -09 Ray optics and optical instrument
- Chapter-10 Waves optics
- Chapter-11 Dual nature of Radiation and matter
- Chapter-12 Atom
- Chapter -13 Nuclei
- Chapter-14 Semiconductor Electronics

CHEMISTRY

M.M-70

S.NO	TYPES OF QUESTION	MARKS OF EACH QUESTION	NUMBER OF QUESTIONS	MARKS
SECTION A	MCQ(Including 4 A/R type Questions)	1	16	16
SECTION B	VSA	2	5	10
SECTION C	SA	3	7	21
SECTION D	CASE BASED QUESTIONS	4	2	08
SECTION E	LA	5	3	15
			33	70

SYLLABUS

- 1.Solutions
- 2.Electrochemistry
- 3.Chemical Kinetics
- 4.The d and f Block Elements
- 5.Coordination compounds
- 6.Haloalkanes And Haloarenes
- 7.Alcohols, Phenols And Ethers
- 8.Aldehydes ,Ketones And Carboxylic Acids
- 9.Amines
10. Biomolecules

ENGLISH

TIME-3hrs

M.M-80

SECTION A READING

[22 Marks]

Q1.One unseen passage to assess comprehension, interpretation and inference. Vocabulary and inference of meaning will also be assessed. The passage may be factual, descriptive or literary. (12x1=12Marks)

Q2.One unseen case-based passage with verbal/visual inputs like statistical data, charts etc. (10x1=10 Marks)

Note: The combined word limit for both the passages will be 700-750 words. Multiple Choice Questions / Objective Type Questions will be asked.

Section B Creative Writing Skills [18 Marks]

Q3. Notice up to 50 words. One out of the two given questions to be answered. (4)

Q4. Formal/Informal Invitation and Reply up to 50 words. One out of the two given questions to be answered. (4)

Q5. Formal letter to the Editor/Job Application based on verbal/visual input, to be answered in approximately 120-150 words. (5)

Q6. Long writing composition (Article writing/Report writing) . (5)

Section C LITERATURE [40 Marks]

Q7. One Poetry extract out of two from the book Flamingo to assess comprehension, interpretation, analysis and appreciation. (6x1=6 Marks)

Q8. One Prose extract out of two from the book Vistas to assess comprehension, interpretation, analysis and appreciation. (4x1=4 Marks)

Q9. One prose extract out of two from the book Flamingo to assess comprehension, interpretation and analysis. (6x1=6 Marks)

Q10. Short answer type questions (from Prose and Poetry from the book Flamingo), to be answered in 40-50 words. Questions should elicit inferential responses through critical thinking. Five questions out of the six given are to be answered. (5x2=10 Marks)

Q11. Short answer type questions, from Prose (Vistas), to be answered in 40- 50 words. Questions should elicit inferential responses through critical thinking. Any 2 out of 3 questions to be done. (2x2=4 Marks)

Q12. One Long answer type question, from Prose/Poetry (Flamingo), to be answered in 120-150 words. Questions can be based on incident / theme / passage / extract / event as reference points to assess extrapolation beyond and across the text. The question will elicit analytical and evaluative response from student. (1x5=5 Marks)

Q13. One Long answer type question, based on the chapters from the book Vistas ,to be answered in 120-150 words to assess global comprehension and extrapolation beyond the text. Questions to provide evaluative and analytical responses using incidents, events, themes as reference points. (1x5=5 Marks)

Syllabus for Pre Board Examination

Reading Section-Factual/Descriptive/Literary Passage , Case Based Factual Passage

Writing Section-Notice Writing , Formal Invitation , Informal invitation, Formal Letter to the Editor , Job Application , Article Writing, Report Writing

Flamingo-Lesson 1,2,3,4,5,6 ,7,8

Poem 1,3, 4,5,6

Vistas-Lesson 1,2,3,4.6,8

HISTORY

Pre-Board Examination-I

Type of questions	No. of question	Mark of each question	Total
Objective Type	21	1	21
Short Answers	6	3	18
Long Answers	3	8	24
Competency Based: Sources/Case Studies/Picture based questions	3	4	12
Skill (Map work)	1(5items)	1x5=5	05
Project work			20
Total Marks			100

Syllabus: Full Syllabus Prescribed by CBSE

POLITICAL SCIENCE

Pre-Board Examination-I

Type of questions	No. of question	Mark of each question	Total
Objective Type	12	1	12
Very Short Answers	6	2	12
Short Answers	5	4	20
Competency Based: Sources/Paragraph/Case Studies/Picture/Map based Questions	3	4	12
Long Answers	4	6	24
Project Work	---	---	20
Total Marks			100

Syllabus: Full Syllabus Prescribed by CBSE

SUBJECT: ECONOMICS (030)

TIME: 3 HRS

M.M. 100

S.NO.	TYPE OF QUESTION	MARKS PER QUESTION	TOTAL NUMBER OF QUESTIONS	TOTAL MARKS
1	Objective Questions: (MCQ's/ Fill ups/ True or False/ Identify/Very Short or one word answers / Match/ Reason & Assertion/ Source Study Based Question, Picture	1	20	20

	Based Question, Statement Based Question)			
2	DESCRIPTIVE QUESTIONS (i) SQA-I	3	4	12
	(ii) SQA-II	4	6	24
	(iii) LQA (01 Case Study Based Question)	6	4	24
THEORY	TOTAL		34	80
PROJECT				20
TOTAL MARKS (Theory + Project)				100

SYLLABUS: As per the CBSE syllabus

MULTIMEDIA (SUBJECT CODE-821)

Blue-print for I – Pre Board for Class XII (Session 2024-2025)

Max. Time: 2 Hours

Max. Marks: 50

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - IV	1	1	2
2	Self-Management Skills - IV	2	1	3
3	ICT Skills – IV	1	1	2
4	Entrepreneurial Skills - IV	1	1	2
5	Green Skills – IV	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

PART B - MULTIMEDIA (40 MARKS):

UNIT	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL
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NO.		1 MARK EACH	2 MARKS EACH	4 MARKS EACH	QUESTIONS
1	3D Production Pipeline	10	2	2	14
2	Basics of Video and Sound Editing	5	1	1	7
3	Basic Tools and Techniques of Animation in Autodesk MAYA	9	3	2	14
TOTAL QUESTIONS		24	6	5	35
NO. OF QUESTIONS TO BE ANSWERED		20	Any 4	Any 3	27
TOTAL MARKS		1 x 20 = 20	2 x 4 = 8	4 x 3 = 12	40 MARKS

ACCOUNTANCY (055)

Time: 3 hrs.

MM:80 (Theory Paper)

Type of Questions	No. of Questions	Marks per question	Marks
Objective Type questions	20	1	20
Short Answer Type (I)	6	3	18
Short Answer Type (II)	3	4	12
Long Answer Type	5	6	30
Total	24 Questions		80 Marks
Project Work (Project File 12 Marks + Viva Voce 8 Marks)			20 Marks
Total			100 Marks

Note : There is no overall choice. However, an internal choice has been provided in 7 questions of one mark, 2 questions of three marks, 1 question of four marks and 2 questions of six marks.

Syllabus

Class XII

All chapters as per CBSE Curriculum 2024-25

BUSINESS STUDIES (054)

Time: 3 hrs.

MM:80 (Theory Paper)

Type of Questions	No. of Questions	Marks per question	Marks
Objective Type questions	20	1	20
Short Answer Type (I)	4	3	12
Short Answer Type (II)	6	4	24
Long Answer Type	4	6	24
Total	34 Questions		80 Marks
Project Work (Project File 12 marks + Viva Voce 8 marks)			20 Marks
Total			100

Syllabus
Class XII

All chapters as per CBSE Curriculum 2024-25

ARTIFICIAL INTELLIGENCE (SUBJECT CODE-843)

BLUE-PRINT FOR SAMPLE QUESTION PAPER – 1 (PRACTICE PAPER-1) CLASS XII (SESSION 2024-2025)

Max. Time: 2 Hours

Max.Marks:50

PART A- EMPLOYABILITY SKILLS (10MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1MARKEACH	2 MARKSEACH	
1	Communication Skills-IV	1	1	2
2	Self-Management Skills-IV	2	1	3
3	ICT Skills-IV	1	1	2
4	Entrepreneurial Skills-IV	1	1	2
5	Green Skills- IV	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1x 4=4	2x 3=6	10 MARKS

PART B- SUBJECT SPECIFIC SKILLS (40MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	DESCRIPTIVE/ LONG ANS.TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKSEACH	4 MARKS EACH	
1	Capstone Project	10	4	2	16
2	Model Life Cycle	8	1	1	10
3	Story Telling through Data	6	1	2	8
TOTAL QUESTIONS		24	6	5	34
NO. OF QUESTIONS TO BE ANSWERED		20	Any 4	Any 3	27
TOTAL MARKS		1 x20=20	2x 4=8	4x 3=12	40 MARKS

MARKETING (SUBJECT CODE: 812)

Blue-Print for Class XII (Session 2024-2025)

Max. Time: 3 Hours

Max. Marks: 60

SECTION A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills-IV	1	1	2
2	Self-Management Skills- IV	2	1	3
3	Information and Communication Technology Skills- IV	1	1	2
4	Entrepreneurial Skills- IV	1	1	2
5	Green Skills-IV	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

SECTION B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANS. TYPE QUES.- I	SHORT ANS. TYPE QUES.- II	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Product	6	1	1	1	09
2	Price	8	1	-	1	10
3	Place	6	-	1	1	08
4	Promotion	6	2	1	1	10
5	Emerging Trends in Marketing	6	1	-	1	08
TOTAL QUESTIONS		32	5	3	5	45
NO. OF QUESTIONS TO BE ANSWERED		26	Any 3	Any 2	Any 3	34
TOTAL MARKS		1 x 26 = 26	2 x 3 = 6	3 x 2 = 6	4 x 3 = 12	50 MARKS

विषय - हिंदी

कक्षा - 12

सत्र - 2024 - 25

समय 3 घंटा

पूर्णांक - 80

1. अपठित गद्य -10 (बहुविकल्पी 1x3, 1x1 अतिलघु उत्तर, 2x3=6 लघु उत्तर)
2. अपठित पद्य - 8 (बहुविकल्पी 1x3, 1x1 अतिलघु उत्तर, 2x2 = 4 लघु उत्तर)

अभिव्यक्ति और माध्यम पाठ संख्या 3,4,5,11,12,13

3. अनुच्छेद - 6 (किसी अप्रत्याशित विषय पर लगभग 120 शब्दों)
4. पाठ संख्या 3,4,5,11,12,13 (2 x 4 = 8), (4 x 2 =8)

आरोह एवं वितान

5. पठित पद्य - (5 x 1 = 5) बहुविकल्पी प्रश्न
6. काव्य खंड - (3 X 2 = 6)
7. काव्य खंड - 2 x 2 = 4
8. पठित गद्य = 5 (5 x 1) बहुविकल्पी प्रश्न
9. गद्य खंड - 3 x 2 = 6
10. गद्य खंड - 2 x 2 = 4
11. वितान लघु प्रश्न - 3 में से कोई 2 प्रश्न (5 x 2 = 10)

मौखिक परीक्षा 20 (श्रवण तथा वाचन 10, परियोजना कार्य -10)

पाठ्यक्रम

आरोह पाठ - सम्पूर्ण पाठ्यक्रम

वितान पाठ - सम्पूर्ण पाठ्यक्रम

व्याकरण - अभिव्यक्ति और माध्यम पाठ संख्या 3,4,5,11,12,13

CBSE | DEPARTMENT OF SKILL EDUCATION

INFORMATION TECHNOLOGY (SUBJECT CODE - 802)

Blue-print for Sample Question Paper for Class XII (Session 2024-2025)

Max. Time: 3 Hours

Max. Marks: 60

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1.	Communication Skills- IV	1	1	2
2.	Self-Management Skills- IV	2	1	3
3.	ICT Skills- IV	1	1	2
4.	Entrepreneurial Skills- IV	1	1	2
5.	Green Skills- IV	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANS. TYPE QUES.- I	SHORT ANS. TYPE QUES.- II	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
1	Database Concepts	10	2	1	1	14
2	Operating Web Based Applications	9	0	0	1	10
3	Fundamentals of Java Programming	12	2	1	3	18
4	Work Integrated Learning IT	1	1	1	0	3
TOTAL QUESTIONS		32	5	3	4	45
NO. OF QUESTIONS TO BE ANSWERED		26	Any 3	Any 2	Any 3	34
TOTAL MARKS		1 x 26 = 26	2 x 3 = 6	3 x 2 = 6	4 x 3 = 12	50 MARKS

SUBJECT: PHYSICAL EDUCATION (48)**TIME: 3 Hrs****M.M.: 70**

S. No.	TYPE OF QUESTIONS	MARKS PER QUESTION	TOTAL NUMBER OF QUESTION	TOTAL MARKS
1	Competency Based Questions: (MCQ's/ Assertion/ Reason)	1	18	18
2	Objective Questions: (Very Short or One Word Answers)	2	5	10
3	Short Question Answers	3	5	15
4	Case Study Based Questions/ Sources Based Questions)	(1x4=4)	3	12
5	Long Questions Answers	5	3	15
TOTAL			34	70

Syllabus

Unit 1 - Management of Sporting Events

Unit 2 - Children & Women in Sports

Unit 3 - Yoga as Preventive measure for Lifestyle Disease

Unit 4 - Physical Education and Sports for CWSN (Children with Special Needs - Divyang)

Unit 5 - Sports & Nutrition

Unit 6 - Test & Measurement in Sports

Unit 7 – Physiology and Injuries in Sports

Unit 8 – Biomechanics and Sports

Unit 9 - Psychology and Sports

Unit 10 – Training in Sports

Psychology

Type of questions	No of question	Mark of each question	Total Marks
Objective Type	14	01	15
Short Answers	05	02	12
Competency Based: Critical thinking based questions	04	03	09
Short Answer	04	04	16
Long Answers	02	06	12
Case study	02	02	04
Case study	02	02	02
Practical	Practical file		10
	case study		05
	Viva voce		15
Total	33		100

Syllabus of Psychology for the Pre board 2024-25

Class- XII

Chapter- I

Variation in Psychological attributes.

Chapter- II

Self and personality.

Chapter-III

Meeting life challenges

Chapter- IV

Psychological disorders.

Chapter-v

Therapeutic Approaches

Chapter- VI

Attitude and social cognition

Chapter- VII

PAINTING

1			
1 class Periodic -3			
Question No.	Type of Questions	No. of Questions	Total Marks of each Questions
1	MCQ Type Question	1 X 8	8
2	Short Type Question	2 X 5	10
3	Long Type Question	6 X 2	12
Total Marks	30	9	30

SYLLABUS

All chapters as per CBSE Curriculum 2024-25

COMPUTER SCIENCE (083)

Time: 3 hrs

M.M. 70

S.NO	TYPES OF QUESTIONS	MARKS OF EACH QUESTION	NUMBER OF QUESTIONS	MARKS
1. SECTION A	MCQ	1	19	19
	ASSERTION AND REASON	1	2	02
2. SECTION B	VERY SHORT ANSWER	2	7	14
3. SECTION C	SHORT ANSWER	3	3	09
4. SECTION D	CASE-BASED QUESTIONS	4	4	16
5. SECTION E	LONG ANSWER	5	2	10
TOTAL			37	70

SYLLABUS

Ch 1: PYTHON REVISION TOUR

Ch 2: PYTHON REVISION TOUR – II

Ch 3: WORKING WITH FUNCTIONS

843–ARTIFICIALINTELLIGENCE– XII

Ch 4: USING PYTHON LIBRARIES

Ch 5: FILE HANDLING

Ch 8: DATA STRUCTURES – I: LINEAR LISTS

Ch 9: DATA STRUCTURES II: STACKS AND QUEUES USING LISTS

Ch 10: COMPUTER NETWORKS – I

Ch 11: COMPUTER NETWORKS – II

Ch 12: RELATIONAL DATABASES

Ch 13: SIMPLE QUERIES IN SQL

Ch 14: TABLE CREATION AND DATA MANIPULATION COMMANDS

Ch 15: GROUPING RECORDS, JOINS IN SQL

Ch 16: INTERFACE PYTHON WITH MYSQL

NCC

S.NO.	TYPE OF QUESTIONS	NO. OF QUESTION	MARK OF EACH QUESTION	TOTAL
1	Objective Type	10	1	10
2	Short Answer Type (I)	4	2	8
3	Short Answer Type (II)	2	4	8
4	Long Answer	1	6	6
5	Case based questions	2	4	8
Total		19		40

SYLLABUS

All chapters as per CBSE Curriculum 2024-25