

Krishnagar Academy

Sem-I Examination 2021-22

Examination procedure, Marks Distribution & Syllabus

Class XI		
Semester	Mode of exams	Marks allotted
Sem-I (Month of November)	Online	40
Sem-II (Month of February)	Online/Offline	40 (For Eng-I, Eng-II, 2 nd Lang, Math, History, Pol Sc, Economics, Commerce, Accounts, Business Studies)
		30 (Geography, Sociology, Psychology, Physics, Chemistry, Biology, Computer Science, Physical Education)
	Project/Practical	20 (For Eng-I, Eng-II, 2 nd Lang, Math, History, Pol Sc, Economics, Commerce, Accounts, Business Studies)
		30 (Geography, Sociology, Psychology, Physics, Chemistry, Biology, Computer Science, Physical Education)
Total		100

SYLLABUS FOR CLASS XI(SEM-I)

NAME OF THE SUBJECT	NAME OF THE CHAPTER(S)
English-I	* Proposal Writing. * Comprehension. * Grammar.
English-II	DRAMA Act I, Act II. POEM 1. The Dolphins. 2. The Gift of India. PROSE 1. Salvatore. 2. Fritz.
2nd Lang	BENGALI প্রবন্ধ ও গদ্য সংকলন গদ্য - ক) ঠাকুরদা — রবীন্দ্রনাথ ঠাকুর (page 5) খ) জোড়াসাঁকোর ধারে — অবনীন্দ্রনাথ ঠাকুর (page 16) গ) তাসের ঘর — তারাশঙ্কর বন্দ্যোপাধ্যায় (page 19) কবিতা সংকলন কবিতা - ক) ওরা কাজ করে — রবীন্দ্রনাথ ঠাকুর (page 1) খ) পূর্ব-পশ্চিম — অচিন্ত্যকুমার সেনগুপ্ত (Page 3) কোনি — মতি নন্দী ক) প্রথম পরিচ্ছেদ (page 1) খ) দ্বিতীয় পরিচ্ছেদ (page 6) গ) তৃতীয় পরিচ্ছেদ (page 12) রচনা (শব্দ সংখ্যা চারশো) - ক) ধনী হওয়ার সুবিধা ও অসুবিধা। খ) বৃদ্ধ বয়সের আনন্দ ও নৈরাশ্য সম্বন্ধে আলোচনা কর। গ) তোমার স্কুলর একটি উত্তেজনাপূর্ণ ক্রীড়া প্রতিযোগিতার বর্ণনা দাও। ঘ) কোন একটি বিষয় দেওয়া থাকবে, সে বিষয়ের ওপর একটি মৌলিক গল্প লিখ। # এছাড়া বাইরে থেকেও আসতে পারে। ব্যাকরণ - ক) বাগধারা খ) অশুদ্ধি সংশোধন বোধ-পরীক্ষণ (comprehension)

	<p style="text-align: center;"><u>HINDI</u></p> <p>साहित्य संकलन - ch.1 पुत्र प्रेम - मुंशी प्रेमचंद ch.2 गौरी -सुभद्रा कुमारी चौहान, ch.4 सती - शिवानी</p> <p>काव्य मंजरी - ch.1.साखी -कबीरदास ch.3.एक फूल की चाह - सियारामशरण गुप्त</p> <p>आषाढ़ का एक दिन - मोहन राकेश page no. 1- 49</p> <p>Composition -(400शब्दों में लिखना है।) 1. राष्ट्रीय एकता पर निबंध । 2.ऑनलाइन स्टडी के लाभ और नुकसान । 3.महिला सशक्तिकरण पर निबंध। 4. एक मौलिक कहानी लिखो जिसके अंतिम वाक्य हो -"अंततः मुझे सत्य की जानकारी हो ही गई।" (इसके अलावा भी दूसरे निबंध आ सकते हैं) व्याकरण - मुहावरे और लोकोक्तियाँ, अशुद्ध वाक्य को शुद्ध करना, अपठित गद्यांश।</p>
Mathematics	<p>SECTION – A 1. RELATIONS AND FUNCTIONS 2. QUADRATIC EQUATIONS 3. A. P. & G. P. 4. COMPLEX NUMBERS 5. MATHEMATICAL INDUCTION 6. BINOMIAL THEOREM 7. ALLIED ANGLES 8. COMPOUND ANGLES 9. PRODUCT, SUM & DIFFERENCE FORMULAE 10. MULTIPLE ANGLES 11. STRAIGHT LINES</p> <p>SECTION - B 1. PARABOLA 2. ELLIPSE</p> <p>SECTION - C 1. STATISTICS 2. INDEX NUMBERS</p>
Physics	Unit: 1. Units Unit: 2. Dimensions Unit: 3. Vectors, Scalars and elementary calculus Unit: 4. Dynamics Unit: 5. Friction Unit: 6. Motion in fluids Unit: 7. Circular motion Unit: 8. Gravitation
Chemistry	Chap 1- Some basic concepts of chemistry Chap 2- Atomic structure Chap 3- Periodic table Chap 4- Chemical bonding Chap 8-Redox reaction Chap 9-Hydrogen Chap 12- Organic chemistry (some basic principle and techniques) Chap 13- Hydrocarbons (aliphatic hydrocarbon only)

Biology	Ch.1. The Living world Ch.2. Biological Classification Ch.3. Plant Kingdom Ch.4. Animal kingdom Ch.5. Morphology of Flowering plants Ch.6. Anatomy of Flowering plants Ch.7. Animal Tissues Ch.8. Cell: The unit of life Ch.9. Biomolecules Ch.10. Cell cycle and cell division Ch.11. Transportation in plants Ch.20. Locomotion and movement Ch.21. Neural control and coordination Ch.22. Chemical coordination and integration
Computer Science	Basic Computer Hardware and Software 1. Numbers 2. Encodings (a) Binary encodings for integers and real numbers using a finite number of bits (sign- magnitude, 2's complement, mantissa-exponent notation). (b) Characters and their encodings (e.g., ASCII, ISCII, Unicode). 3. Propositional logic, Hardware implementation, Arithmetic operations 4. Introduction to Object Oriented Programming using Java 5. Objects 6. Primitive values, Wrapper classes, Types, and casting 7. Variables, Expressions 8. Statements, Scope
History	Ch-1: Growth of Nationalism. Ch-3: Social and Religious Movement. Ch-4: Protest Movements Against Colonial Rule. Ch-8: World War-1. Ch-9: Peace Settlement After World War-1. Ch-10: The Great Depression.
Geography	Ch 3. Interior of the earth Ch 4. Rocks Ch 5. Endogenous process and associated landforms Ch 6. Drifting continents and plate tectonics Ch 7. Isostasy Ch 8. Volcanoes and earthquake Ch 9. Exogenous process and associated landforms Ch 10. Soils Ch 17. Composition and structure of atmosphere Ch 18. Insolation and temperature Ch 21. Submarine relief Ch 22. Marine life and deposits Ch 25. The biosphere Ch 26. Biodiversity Ch 27 Biodiversity for sustenance of mankind Ch 31. World climatic types Map pointing world map Mountains, plateaus, water bodies, rivers... (as per council syllabus)

Political Science	CH-1: INTRODUCTION TO POLITICAL SCIENCE. CH-2: FUNDAMENTAL CONCEPTS. CH-3: THE ORIGIN OF THE STATE. CH-4: POLITICAL IDEOLOGIES. CH-5: SOVEREIGNTY. CH-2: END OF COLD WAR: IMPACT ON WORLD ORDER (FROM SECTION B)
Economics	Ch 1- Definition of Economics Ch 2- Basic concepts of Economics Ch 3- Basic problems of an Economy Ch 4- Types of Economies Ch 5-Solutions to the Basic Economic Problems Under different economic systems Ch 17- Definition, Scope, Importance and Limitations of Statistics Ch 18- Collection, Organisation and Presentation of Data Ch 19- Measures of Central Value Ch 20- Measures of Dispersion Ch 21- Correlation Ch 22- Index Number Ch 23- Some Mathematical tools used in Economics
Sociology	Ch 1. Origin and development of Sociology and Anthropology Ch 2. Research Methodology Ch 3. Basic Concepts.
Psychology	Chapter 1: Introduction to Psychology Chapter 2: (i): Methods of Psychology (ii) Interpretation of Research Results - Use of Statistics in Psychology Chapter 3: Sensation, Attention and Perception Chapter 4: Motivation.
Commerce	Chap 1. Nature and Purpose of Business Chap 2. Sole proprietorship. Chap 3. Partnership. Chap 4. Corporate Organisation. Chap 5. Public Enterprise in India. Chap 6. Co-operative Organisations. Chap 7. Social Responsibility of Business and Business Ethics.
Business Studies	Chap 1. Business Environment. Chap 2. Entrepreneurship. Chap 3. Business Risks and Causes of Failure. Chap 4. Manager and Managerial Roles.
Accounts	1) Introduction to Accounting 2) Journal, Ledger, Trial Balance. (Cash Book, Petty Cash Book, Day Book, Journal Proper) 3) Bank Reconciliation Statement. 4) Depreciation. 5) Bills of Exchange
Physical Education	Section- A 1) Concepts of Physical Education 2) Individual Aspects and Group Dynamics 3) Effects of Physical Exercise on Human Body System Section- B Any two major games (as per ISC)