



West Bengal Council of Higher Secondary Education

Vidyasagar Bhavan

9/2, Block DJ, Sector-II, Salt Lake, Kolkata – 91

No : L/PR/ 166 /2020

Date : 09.12.2020

NOTIFICATION

**Attention : All Heads of Higher Secondary Institutions , teachers ,
H.S candidates for H.S Examination , 2021**

Subject : Reduction in Syllabus of Class XI Annual Examination , 2021

As directed by Hon'ble Minister-in-Charge , School Education Department , Govt. of West Bengal , the Council has discarded 30-35% of the Class XII syllabus in all the subjects for H.S Examination , 2021. Likewise , 30-35% of the syllabus has been discarded in all the subjects for Class XI Annual Examination , 2021.

Please note that , there will be no reduction in the syllabus of those subjects in which the total allotted marks in the theory paper is less than or equal to 60 namely Music , Health & Physical Education , Visual Arts and the vocational subjects.

You are requested to refer to the list of subject-wise discarded topics being uploaded as enclosure to this Notification. Discarded portions of rest of the subjects of Class XI will be uploaded very shortly.

Mahmadas .

President

W. B. Council of H. S. Education



WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION

VIDYASAGAR BHAVAN

9/2, BLOCK –DJ, SECTOR II, SALT LAKE

KOLKATA – 700091

Reduction in syllabus of Class XI Annual Examination, 2021

Subject-wise discarded topics :

Sl NO	Subject	Related portions of the Syllabus
1	Bengali A	<ul style="list-style-type: none"> • প্রবন্ধ: হাঙর শিকার – স্বামী বিবেকানন্দ • কবিতা: দ্বীপান্তরের বন্দি – কাজী নজরুল ইসলাম • আন্তর্জাতিক গল্প: বিশাল ডানাওয়ালা এক খুঁতুরে বুড়ো – গ্যাব্রিয়াল মার্কেজ (অনুবাদ: মানবেন্দ্র বন্দ্যোপাধ্যায়) • ভারতীয় কবিতা: শিক্ষার সার্কাস – আইয়্যাপা পানিকার (অনুবাদ: উৎপল কুমার বসু) • বাংলা শিল্প-সাহিত্য ও সংস্কৃতির ইতিহাস: লৌকিক সাহিত্য: ছড়া, ধাঁধা, প্রবাদ কথা। • নাটক: মধুসূদন দত্ত, দীনবন্ধু মিত্র
2	Sanskrit	<ul style="list-style-type: none"> • Literature : Prose – 1(ii) , Verse – 2(i) , History of Vedic & Classical Sanskrit Literature – 4(i)
3	Business Studies	<ul style="list-style-type: none"> • Emerging Modes of Business • Social Responsibility of Business and Business Ethics
4	Accountancy	<ul style="list-style-type: none"> • Part A : Rectification of Errors • Part A : Depreciation , Provisions and Reserves – Depreciation , Methods of computation of depreciation , Accounting treatment of depreciation • Part A : Accounting for Bills of Exchange
5	Commercial Law and Preliminaries of Auditing	<ul style="list-style-type: none"> • Commercial Law : Law of Contract : Free Consent • Commercial Law :The Law relating to Sale of Goods : Transfer of ownership • Preliminaries of Auditing : Errors and Frauds and Auditor • Preliminaries of Auditing : Different types of Audit : Complete Audit –Partial Audit – Interval Audit – Advantages and Limitations of Each type of Audit
6	Costing and Taxation	<ul style="list-style-type: none"> • Costing : Classification of Cost : Function –based classification : Factory cost – Administrative cost –Selling cost –Distribution cost – Research and Development cost • Costing : Cost of Materials I : Storing of materials : Centralized stores and Decentralized stores • Taxation : Unit I : (c) • Taxation : Unit III
7	Biological Science	<ul style="list-style-type: none"> • Unit 1 Diversity of Living Organisms : 1.3, 2.1, 3.1, 3.2 , 3.6 , 3.9 • Unit II Structural Organisation in Plants and Animals : 4.3, 4.4, 4.5 (fruit and seed) , 5.2 • Unit III Cell Structure and Function : 6.1, 6.3, 6.4, 6.6(endoplasmic reticulum ,

		<p>vacuoles , plastids, micro bodies) , 6.7 (cilia , flagella , centrioles) , 7.1, 7.3(enzyme action)</p> <ul style="list-style-type: none"> Unit IV Plant Physiology : 9.3,9.4(root pressure transpiration pull , uptake of mineral ions),9.6, 10.3,10.5, 11.2 , 11.3 (fermentation (anaerobic)),11.4,12.1,12.6,12.8,12.9,13.3,13.4,13.9 Unit V Human Physiology : 14.6, 14.7, 14.8 (PEM , indigestion , constipation) , 15.2 , 15.5 , 15.7 (emphysema , occupational respiratory disorders) , 16.5 , 16.6 , 16.7 , 16.11 , 16.12 , 16.13 (coronary artery disease , angina pectoris) , 17.5 , 17.7(uraemia , renal calculi) , 17.8 , 18.2 , 18.4 , 18.6 (Myasthenia gravis , tetany , muscular dystrophy) , 19.2 , 19.4 (mode of distribution and function of PNS and autonomic nervous system) , 19.5 , 19.7 , 20.4 , 20.5 (Dwarfism , Acromegaly , Cretinism , Addison's disease)
8	Mathematics	<ul style="list-style-type: none"> Trigonometric Functions : Proof and Simple application of sine and cosine rules Linear Inequations [entire chapter] Sequence and Series : Infinite GP and its sum , sum of n terms of $\sum n^2$, $\sum n^3$ Conic Sections : Hyperbola Introduction to 3 D geometry [entire chapter] Mathematical Reasoning [entire chapter]
9	Physics	<ul style="list-style-type: none"> Physical world & Measurement : dimensional analysis and its applications Kinematics : Motion in a plane , cases of uniform velocity and uniform acceleration – projectile motion . Uniform circular motion. Laws of Motion : Rolling friction Work , Energy and Power : Non-conservative forces ; motion in a vertical circle , elastic and inelastic in one and two dimensions Motion of system of particles and Rigid Body : momentum conservation and centre of mass motion . Centre of mass of a rigid body , centre of mass of uniform rod Gravitation : Geo-stationary satellites Properties of Bulk Matter : Application of surface tension ideas to drops , bubbles and capillary rise , Calorimetry ; change of state – specific latent heat capacity Newton's law of cooling , Wein's displacement law , stefan's law Thermodynamics : Heat engines and refrigerators Behaviour of Perfect gas and Kinetic Theory : degrees of freedom , law of equilibrium of energy and application to specific heats of gases ; concept of mean free path , Avogadro Number Oscillation and Waves : free, forced and damped oscillations , resonance
10	Chemistry	<ul style="list-style-type: none"> Unit VII : Ionic Equilibrium Unit XIII : Aromatic Hydrocarbons
11	Philosophy	<ul style="list-style-type: none"> Western Philosophy : 3. Substance – Different views of substance – Aristotle Western Philosophy : 4. Causality – Notion of Causal Relation Indian Philosophy : 1. Notion of Darshan – Meaning of the term Darshana Indian Philosophy : 3. Buddhism – Main tenets of Buddhism – Karmavaada Indian Philosophy : 5. Advaita Vedanta
12	Psychology	<ul style="list-style-type: none"> Methods of Psychology- Introspection- Brief outline , Observation – Merits & Demerits Biological bases of Behavior – Introduction for relation between body and mind with special reference to human behavior , Endocrine system

		<ul style="list-style-type: none"> • Development – Factors influencing development • Sensory Processes – Organic senses , Other- Kinaesthetic / vestibular • Learning – Theories- Trial and Error (Thorndike) • Memory Processes – Forgetting • Motivation – Motivation cycle , Physiological mechanisms of motivation with special reference to Hypothalamus • Emotion – Relation between feeling , emotion and instinct , Theories of Emotion – Schachter and Singer
13	Computer Application	<ul style="list-style-type: none"> • Evolution of Computers and Computer Organization : Concept of Circuit Integration , Communication Bus • Data Representation : Various Binary Coding schemes • Programming Fundamentals : Control statements
14	Sociology	<ul style="list-style-type: none"> • Introducing Sociology : Sociological and its relationship with other social sciences , Sociological Methods – Quantitative & Qualitative , Positivist & Interactionist methods , Use of Statistical tools & techniques – graphical representation of statistical data-grouping of data • Culture , Social Interaction and Formation of Self : Components of culture – Values , Norms , Beliefs , Folkways , Mores , Laws , Language and Technology, Socialization and Social Control – Relationship and Importance • Social Institutions – Meaning and Interrelationship among different Institutions , Politics : Power and Authority (Nature and Differences) , Health , Illness & Ageing – Concepts (a brief idea about mental health)
15	Nutrition	<ul style="list-style-type: none"> • An Introduction to Nutrition- Role of food in maintenance of good health • Cookery and Kitchen Sanitation- Planning of ideal kitchen • Nutritive in Every Day Meal- Basic food groups and study of different foods : cereals , pulses, legumes , roots & tubers , leafy and other vegetables , meat , fish , egg , milk and milk products , fats & oils , sugar & jiggery
16	Geography	<ul style="list-style-type: none"> • Physical Geography : Geomorphic Processes and Resultant Landforms • Physical Geography : Hydrosphere
17	History	<ul style="list-style-type: none"> • Religion • Expanding Horizons
18	Computer Science	<ul style="list-style-type: none"> • Data Representation : Various Binary coding schemes : EBCDIC , ISCII , Gray Code , Excess-3-code • Data Representation : Bit map representation of images • Software and Languages : System Software : UNIX OS
19	Environment Studies	Chapter II : Environment and Development