

**CENTRAL ACADEMY SCHOOL**  
**CLASS-XII(MATHS/BIO) SYLLABUS 2023-2024**

<b><u>SUBJECT</u></b>	<b><u>Quarterly</u></b>	<b><u>1<sup>st</sup> Pre Board</u></b>	<b><u>2<sup>nd</sup> Pre Board</u></b>
<b>ENGLISH Core</b>	Reading – Comprehension Passage Writing – Notice, invitation & letter to the editor. Literature – (Flamingo) 1,2,3, Poetry P-1,3,4 Vistas L-1,2,3.	Reading – Comprehension Passage Writing – Article, Report, Application for Job. Literature – (Flamingo) 4,5,6,7,8 Poetry -5,6 Vistas - 4, 6, 8. <u>Full Syllabus in Exam</u>	Full Syllabus
<b>ENGLISH ELECT.</b>	Reading – Comprehension Passage Writing- Discursive/Interpretative, writing, Essay Grammar-Transformation of Sentences Literature – Kaleidoscope Prose – 1,2 Poetry-1,2,3,4 Non-Fiction – 1,2 Drama – Chandalika Fiction-A Tiger for Malgudi	Reading – Comprehension passage Writing – Report & speech Grammar-Transformation of Sentences Literature-Kaleidoscope Prose-3 Poetry – 5,6,7 Non-fiction – 3,4,5 Fiction – A tiger for Malgudi Full syllabus in Exam	Full Syllabus
<b>PHYSICAL EDUCATION</b>	Ch-1 Management of Sporting Events Ch- 2 Children & Sports Women & sports Ch-3 Yoga and Life Style Ch-4 Phy .Edu& Sports for differently abled Ch-5 Sports & Nutrition	Ch-6 Test & Measurement in Sports Ch-7 Physiology & injuries in sports, Sports Medicine Ch- 8 Biomechanics & Sports, Kinsology Ch-9 Psychology & Sports Ch-10 Training in Sports Full Syllabus In Exams	Full Syllabus
<b>PHYSICS</b>	1. Electrostatics 2. Current Electricity 3. Magnetic Effect of Current & Magnetism 4. Electromagnetic Induction 5. Electromagnetic Wave	6. Alternating current 7. Optics 8. Dual Nature of Matter 9. Atoms & Nuclei 10. Electronic Devices Full Syllabus in Exam	Full Syllabus
<b>CHEMISTRY</b>	1. Solutions 2. Electrochemistry 3. Chemical Kinetics 4. Haloalkanes&Haloarenes 5. Alcohols, Phenols, and Ethers	6. d and f block elements 7. Coordination Compounds 8. Aldehydes, Ketones And Carboxylic acids 9. Amines 10. Bio Molecules Full Syllabus in Exam	Full Syllabus
<b>MATHS</b>	Part –I 1. Matrices 2. Determinants 3. Inverse Trigonometric Functions 4. Continuity and Differentiability 5. Application of Derivatives 6. Introduction of Integration	7. Relations function 8. Linear Programming 9. Probability 10. Application of Integrals 11. Differential Equations 12. Vector Algebra 13. Three dimensional Full Syllabus	Full Syllabus
<b>BIOLOGY</b>	1. Sexual Rep. in flowering plants 2. Human Reproduction 3. Reproductive Health 4. Principles of inheritance & Variations 5. Evolution 6. Human health and diseases 7. Microbes in human welfare	8. Molecular Basis of Inheritance 9. Bio technology principles and processes 10. Bio Technology and its applications 11. Organisms & populations 12. Ecosystem 13. Bio diversity and Conservation Full Syllabus in exam.	Full Syllabus
<b>IP</b>	1. Data handling using pandas 2. Database query using SQL	3. Social Impact 4. Introduction to Computer Network	Full Syllabus

<b>fglnh</b>	<p>ij d i kV; i qrd  vkjkg&amp;2  i   Hkkx  1½ vkRe ifjp;] fnu tYnh&amp;tYnh &lt;yrk  gA  2½ irax  3½ dfork dscgku ckr l h/kh Fkh ij  4½ dšjsescn vikfgt</p> <p>x   Hkkx  HkfDru  cktkj n"ku  dkysepkk i kuh ns</p> <p>ij d i qrd ¼orku½  fl Yoj ošMx  t»</p> <p>0; kdj .k  vifBr x   k'k  jpukRed y[ku&amp;vuŋNn  dk; ž; h i =  tul pkj  ek/; e vkš y[ku</p>	<p>1½ m'kk  2½ cknyjkk  3½ dforkoyh  4½ Nkš/k ejk [kr] cxngs ds i qk</p> <p>x   Hkkx  igyoku dh &lt;kyd  f"kh'k ds Qny  Je foHkk tu vkš tkfrok n i Fkk  forku  1½ vrhr ea ncs ikš  vifBr dko; k'k  Qhpj y[ku  dgkuh dk ukVd : i klrj .k , oa jšM; ks ukVd  l tukRed y[ku</p>	I i wkZ i kB; dš
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### Time Table Class - XII

#### Quarterly Exam

Date	Day	Subjects
17/08/2023	Thursday	Maths / App. Maths
19/08/2023	Saturday	Phy. Edu / I.P / Hindi
22/08/2023	Tuesday	Physics / Accounts / Geography
24/08/2023	Thursday	Chemistry / B. Studies / Pol. Science
26/08/2023	Saturday	English Core / English Elect.
29/08/2023	Tuesday	Bio. / Economics / History

#### Half Yearly Exam

Date	Day	Subjects
21/11/2023	Tuesday	Biology / Economics / History
23/11/2023	Thursday	English Core / English Elective
29/11/2023	Wednesday	Physics / Accountancy / Geography
01/12/2023	Friday	Phy. Edu / I.P/ Hindi
04/12/2023	Monday	Chem / B.St / Pol. Science
05/12/2023	Saturday	App . Maths / Maths

#### PRE-BOARD EXAMINATION (CLASS-XII)

Date	Day	Subjects
04/01/2024	Thursday	Phy / Acc / Geography
06/01/2024	Saturday	Phy. Education / I.P / Hindi
08/01/2024	Monday	Maths / App Maths
09/01/2024	Tuesday	Chem / Pol. Science / B. Std
11/01/2024	Thursday	Eng. Core / Elective
13/01/2024	Saturday	Bio / Eco / History

- All the documents & Fee should be deposited at the school office before commencement of I Term Exam.
- There will be no re-exam in any case.
- The marks of I Term & II Term shall be included in final result.
- All the students should be present in proper school uniform.

**Principal**