

CENTRAL MODERN SCHOOL, Baranagar
Syllabus for Final Examination, Session : 2024 – 2025
CLASS – IX

Group – I (Compulsory)

- # English – I : As per ICSE format
[80+20 Marks] (80 Written + 10 Aural + 5 Oral + 5 Maintenance of the Exercise Book)
- # English – II : 1. Julius Caesar – Act I and Act II
[80+20 Marks] 2. Treasure Chest – A Collection of ICSE Poems and Short Stories
Poems : 1. A Work of Artifice ;
2. Skimbleshanks : The Railway Cat
3. I Remember, I Remember
4. A Doctor's Journal Entry for August 6, 1945
5. The Night Mail
Short Stories : 1. Bonku Babu's Friend
2. Oliver Asks for More
3. The Model Millionaire
4. The Home-coming
5. The Boy who Broke the Bank
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)
- # 2nd Language [80+20 Marks]
• Bengali : Section – A
ব্যাকরণ - ১) প্রবন্ধ রচনা ; ২) পত্র রচনা ; ৩) বোধ পরীক্ষণ
OR ৪) বিপরীতার্থক শব্দ ; ৫) বাক্য নির্মাণের শর্ত ও বাক্যের শ্রেণিবিভাগ
Section – B
গদ্য: ১) নাম ; ২) অসহযোগী ; ৩) ক্যানভাসার
পদ্য: ১) সিঁড়ি ; ২) রবীন্দ্রনাথের প্রতি
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)
- Hindi : साहित्य सागर - (गद्य + पद्य 40 Marks)
व्याकरण - 40 Marks
गद्य भाग : पाठ-1 बात अठनी की ; पाठ-2 काकी ; पाठ-3 महायज्ञ का पुरस्कार ;
पाठ-4 नेताजी का चश्मा ; पाठ-5 अपना-अपना भाग्य
पद्य भाग : पाठ -1 साखी ; पाठ-2 गिरिधर की कुंडलिया ; पाठ-3 स्वर्ग बना सकते हैं ;
पाठ-4 वह जन्मभूमि मेरी ; पाठ-5 मेघ आए
व्याकरण - As per ICSE syllabus
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)
- # HCG
• HCG – I : **CIVICS**
[History & Civics] Chaps. 2. Fundamental Rights and Duties and Directive Principles of State
[80+20 Marks] Policy
3. Election and the Election Commission
4. Local Self Government: Rural Local Institutions
HISTORY
Chaps. 1. Harappan Civilization ;
4. India in 6th century BC: Rise of Jainism and Buddhism.
5. The Mauryan Empire ; 7. The Age of the Guptas ;
9. The Delhi Sultanate ; 10. The Mughal Empire
14. Industrial Revolution and Capitalism and Socialism
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

- HCG – II : Chaps. 1. Earth As A Planet In Solar System ; 2. Latitudes And Longitudes
[Geography] 6. Types of Rocks ; 7. Types of Volcanoes ;
[80+20 Marks] 10. Weathering And Mass Wasting ; 11. Work of River And Wind ;
12. The Ocean ; 26. Pollution Around Us ;
27. Sources of Pollution And Major Pollutants ;
28. Effects of Pollution ; 29. Preventive Measures ;
30. Abatement of Pollution
Map - Mountains, Rivers, Water Bodies (As Done In Class)
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

Group – II (Any 2)

- # Mathematics : Chaps. 1. Rational Numbers (Ex 1.2,1.5) ; 5. Simultaneous Linear Equations ;
[80+20 Marks] 7. Quadratic Equations ; 8. Indices ; 9. Logarithms ;
11. Midpoint Theorem ; 12. Pythagoras Theorem ;
13. Rectilinear Figures ; 15. Circle ;
16. Mensuration (Ex 16.3,16.4) ; 17. Trigonometrical Ratios ;
19. Coordinate Geometry (Ex 19.3,19.4) ;
20. Statistics (Ex 20.2,20.3) ;
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

Science

- Physics [80+20 Marks] : Chaps. 2. Motion in One Dimension ; 3. Laws of Motion ;
4. Pressure in Fluids and Atmospheric Pressure ;
5. Upthrust in Fluids and Archimedes Principle' and Floatation ;
6. Heat and Energy ; 7. Reflection of Light ;
8. Propagation of Sound Waves ; 9. Current Electricity ;
10. Magnetism
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

- Chemistry [80+20 Marks] : Chaps. 1. The Language of Chemistry ;
2. Chemical Changes & Reactions ; 3. Water ;
4. Atomic Structure & Chemical Bonding ;
5. The Periodic Table ; 6. Study of The First Element-Hydrogen ;
7. Study of Gas Laws ; 8. Atmospheric Pollution
Practical Chemistry
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

- Biology [80+20 Marks] : Respiration in Plants, Seeds, Five kingdom Classification, Economic
Importance of Bacteria and Fungi, Respiratory System, Hygiene, Diseases,
Health Organisations, Waste Generation and Management.
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

- # Commercial Studies : Chaps.
[80+20 Marks] 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18, 19, 20, 21, 22, 23, 24
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

- # Environmental Science : Chaps. 4. Kinds of Ecosystem ; 5. Water ; 6. Air ;
[80+20 Marks] 7. Atmosphere and Climate ; 8. Soil and Land ; 9. People ;
10. Urbanization ; 11. Agriculture
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)

Group – III (Any 1)

- # Computer Applications : # Values, Data types and Errors ; # Operators and Expressions in Java ;
[Theory – 100 # Input in Java (Scanner class) ; # Mathematical Library Methods ;
Practical – 100] # Conditional Constructs in java ; # Iterative Constructs in Java ;
Nested for Loops
(100 Written + 95 Practical + 5 Maintenance of the Exercise Book)

- # Robotics and Artificial Intelligence : Chaps. 2. Robot as a System ;
[80+20 Marks] 4. Introduction to Artificial Intelligence.
5. Role of Data and Information: Evolution of Computing.
6. AI Concepts and AI Project Framework.
7. Introduction to Data and Programming with python.
8. Programming with Python – II
(80 Written + 15 Project + 5 Maintenance of the Exercise Book)
- # Economic Applications : 1) Meaning and definition of economics
[Theory – 100 2) Basic concepts of economics
Practical – 100] 3) Economy and economic entities
4) Basic problems of an economy
5) The nature and the classification of an economy
6) The nature of the Indian economy
7) The sectors of Indian economy
8) Impact of agricultural and industrial practices on the ecosystem.
9) Infrastructure of the Indian economy
10) Social infrastructure of the Indian economy.
11) Consumer awareness
12) Globalisation
(100 Written + 95 Practical + 5 Maintenance of the Exercise Book)
- # Physical Education : Section – A
[Theory – 100 Chaps. 1. The Human Anatomy and Physiology ;
Practical – 100] 2. Muscular System ; 3. Respiratory System ;
4. Circulatory System ; 5. Games and Sports ;
Section – B
Cricket ; Football ; Hockey ; Basketball ; Volleyball ; Badminton
(100 Written + 80 Practical + 15 Project + 5 Maintenance of the Exercise Book)

- Final Examinations begin on February 12, 2025 (tentatively).

Date : December 20, 2024