

SYLLABUS FOR MEGA OLYMPIA-COMBAT

Mega Olympia Combat competition includes 1st term syllabus of the present class (75%) and 2nd term syllabus of the previous class (25%). This division is for Science & Mathematics for Class 3rd to 10th std., PCB & PCM for class 11th and 12th & Commerce for class 12th. English for Class 3rd to 12th, G.K. for Class 3rd to 10th & Commerce for Class 11th Olympiads does not include previous class' syllabus.

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-3 (for 3rd grade) :

TOPICS OF PRESENT CLASS (3rd) : 1. Pronoun, 2. Synonyms, 3. Antonyms, 4. Numbers, 5. Articles, 6. Simple Present Tense, 7. Simple Past Tense, 8. Adverb, 9. Collective Noun, 10. Forms of Verb, 11. Prepositions, 12. Sentence Re-ordering, 13. Adjectives, 14. Types of Sentences, 15. Subject and Predicate, 16. Homophones, 17. Jumble words, 18. Spell it Right

SYLLABUS OF MATHEMATICS OLYMPIA (M-MOC)-3 (for 3rd grade)

TOPICS OF PREVIOUS CLASS (2nd) : 1. Measurement (measuring Length, Weight, Capacity), 2. Time and Calendar, 3. Shapes and Patterns

TOPICS OF PRESENT CLASS (3rd) : 1. Numbers and numeration including estimation, 2. Addition and Subtraction, 3. Multiplication and Division, 4. Fractions, 5. Data Handling (Pictograph and Tally graph), 6. Reasoning and Aptitude

SYLLABUS OF SCIENCE OLYMPIA (S-MOC)-3 (for 3rd grade)

TOPICS OF PREVIOUS CLASS (2nd) : 1. Plants around us, 2. The World of Animals, 3. Safety First

TOPICS OF PRESENT CLASS (3rd) : 1. Food we eat, 2. Water we drink, 3. Living and non-living, 4. Birds, 5. Insects and creepy crawlies, 6. Storing and saving water, 7. Our body, 8. Housing and clothing, 9. Sun and Moon

SYLLABUS OF GK OLYMPIA (GK-MOC)-3 (for 3rd grade)

TOPICS OF PRESENT CLASS (3rd) : 1. Pandemic, 2. Human Body, 3. Indian Prime Ministers, 4. India's tallest statues, 5. Hills and Mountains, 6. Most visiting places in the worlds, 7. Cyber world, 8. Festivals of India, 9. States and their capitals, 10. Folk dances of India, 11. Important Days, 12. Current Affairs, 13. Road Signs, 14. Constitution

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-4 (for 4th grade) :

TOPICS OF PRESENT CLASS (4th) : 1. Article, 2. Singular and Plural, 3. Sentences and its types, 4. Subject and Predicate, 5. Adverb, 6. Homophones, 7. Antonyms, 8. Synonyms, 9. Prefix and Suffix, 10. Noun, 11. Pronoun, 12. Degrees of Comparison, 13. Preposition, 14. Rhyming words, 15. Odd one out, 16. Simple Present Tense, 17. Present Continuous Tense, 18. Simple Past Tense, 19. Syllables, 20. Conjunction, 21. Adjectives, 22. Spelling, 23. Dialogue completion

SYLLABUS OF MATHEMATICS OLYMPIA (M-MOC)-4 (for 4th grade) :

TOPICS OF PREVIOUS CLASS (3rd) : 1. Money, 2. Measures of Length, Mass, Capacity, 3. Data handling

TOPICS OF PRESENT CLASS (4th) : 1. Numbers and Numeration including Roman Numerals, 2. Addition, 3. Subtraction, 4. Multiplication, 5. Division including estimation, 6. Multiples and Factors, 7. Fractions, 8. Reasoning and Aptitude

SYLLABUS OF SCIENCE OLYMPIA (S-MOC)-4 (for 4th grade) :

TOPICS OF PREVIOUS CLASS (3rd) : 1. Light, Sound and Force

TOPICS OF PRESENT CLASS (4th) : 1. Soil, 2. Plants - Living and Surviving, 3. Food and Digestion, 4. Teeth and Microbes, 5. States of Matter, 6. Clothes we wear, 7. Safety First, 8. Communication, 9. Air

SYLLABUS OF GK OLYMPIA (GK-MOC)-4 (for 4th grade) :

TOPICS OF PRESENT CLASS (4th) : 1. Pandemic, 2. Neighbouring countries, 3. Countries with the highest population, 4. The most famous landmarks, 5. Current Affairs, 6. Constitution, 7. Important Days, 8. Folk dances of India, 9. States and the Capitals, 10. Festivals of India, 11. Deserts of the World, 12. Weather Facts, 13. Cyber World, 14. Who is the first, 15. Leaders of the India

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-5 (for 5th grade) :

TOPICS OF PRESENT CLASS (5th) : 1. Gerund and Infinitive, 2. Word Formation, 3. Antonyms, 4. Homophones, 5. Noun, 6. Tenses, 7. Adjectives, 8. Adverbs, 9. Pronoun, 10. Subject and predicate, 11. Articles, 12. Verb, 13. Sentence, 14. Suffix and Prefix, 15. Jumbled Words, 16. Odd one out, 17. Contractions, 18. Synonyms, 19. Finding Errors, 20. Comprehensions, 21. Spelling, 22. Ability to understand the situation, 23. Picture compositions based questions

SYLLABUS OF MATHEMATICS OLYMPIA (M-MOC)-5 (for 5th grade) :

TOPICS OF PREVIOUS CLASS (4th) : 1. Decimals, 2. Basic Geometrical Concepts, 3. Perimeter and Area

TOPICS OF PRESENT CLASS (5th) : 1. Numbers and numeration, 2. Roman Numerals, 3. Operation on whole numbers, 4. Multiples and Factors, 5. Money, 6. Profit and Loss, 7. Measurement (Conversion of Length, Weight, Capacity, Temperature), 8. Reasoning and Aptitude

SYLLABUS OF SCIENCE OLYMPIA (S-MOC)-5 (for 5th grade) :

TOPICS OF PREVIOUS CLASS (4th) : 1. Reproduction in animals, 2. Adaptation in animals, 3. Adaptation in plants, 4. Force, work and simple machines, 5. Solar system

TOPICS OF PRESENT CLASS (5th) : 1. Solid, Liquid and Gases, 2. Rocks and Minerals, 3. First Aid, 4. Food and Health, 5. Soil, 6. Reproduction in Plants, 7. Earth, Sun and Moon, 8. Energy

SYLLABUS OF GK OLYMPIA (GK-MOC)-5 (for 5th grade) :

TOPICS OF PRESENT CLASS (5th) : 1. Pandemic, 2. Ayurveda, 3. Diseases among human, 4. Self-control, 5. Amazing birds, 6. Religious sights of India, 7. Famous Cities (India), 8. Arthropods of the World, 9. Temples, 10. Brave soldiers, 11. Mountains (World), 12. High speed trains, 13. Language, 14. Food items (India), 15. Film and Sports, 16. Transportation, 17. Inventions and Inventors, 18. Important Days

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-6 (for 6th grade) :

TOPICS OF PRESENT CLASS (6th) : 1. Homonyms, 2. Prefix / Suffix, 3. Contraction, 4. Word pair, 5. Punctuation, 6. Sentences, 7. Adjective, 8. Adverb, 9. Verb, 10. Preposition, 11. Synonyms, 12. Antonyms, 13. Subject and Predicate, 14. Error finding, 15. Tenses, 16. Phrase and Clauses, 17. Jumble words / Sentences, 18. Spellings, 19. Determiners, 20. Ability to understand the situation, 21. Noun, 22. Pronoun

SYLLABUS OF MATHEMATICS OLYMPIA (M-MOC)-6 (for 6th grade) :

TOPICS FOR PREVIOUS CLASS (5th) : 1. Percentage, 2. Speed, distance and time, 3. Data handling

TOPICS FOR PRESENT CLASS (6th) : 1. Knowing our numbers including estimation, 2. Whole number, 3. Playing with numbers, 4. Algebra, 5. Negative numbers and integers, 6. Reasoning and aptitude, 7. Fraction, 8. Mensuration (Perimeter and area)

SYLLABUS OF SCIENCE OLYMPIA (S-MOC)-6 (for 6th grade) :

TOPICS FOR PREVIOUS CLASS (5th) : 1. Natural calamities, 2. Nervous system and skeletal system, 3. Our environment

TOPICS FOR PRESENT CLASS (6th) : 1. Body Movements, 2. Changes around us, 3. Components of food, 4. Fibre to Fabric, 5. Light and shadow, 6. Living and its surroundings, 7. Measurements, 8. Separation of substances

SYLLABUS OF GK OLYMPIA (GK-MOC)-6 (for 6th grade)

TOPICS : 1. Diseases among humans, 2. Human body, 3. Defending India, 4. Ports in India, 5. Festivals of India, 6. Tribes of India, 7. Famous scientists, 8. Electronic gazettes, 9. Olympics, 10. Sports stadium, 11. Famous museum, 12. Islands (World), 13. Skeletal system, 14. Language (India),

15. Food items (India), 16. Neighbouring countries of India, 17. Currency (International), 18. Transportation, 19. Inventions and inventors, 20. Important days (International)

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-7 (for 7th grade) :

TOPICS OF PRESENT CLASS (7th) : 1. Preposition, 2. Adjectives, 3. Idioms, 4. Antonyms, 5. Synonyms, 6. Homophones, 7. Verb, 8. Pronoun, 9. Modals,

10. Jumbled Sentence, 11. Comprehension, 12. Conjunction, 13. Degree of Comparison, 14. Phrases, 15. Dialogue writing, 16. Clauses, 17. Noun,

18. Determiners, 19. Voice (Active/Passive), 20. Tenses, 21. Punctuation, 22. Direct and Indirect Speech, 23. Infinitives

SYLLABUS OF MATHEMATICS OLYMPIA (M-MOC)-7 (for 7th grade)

TOPICS OF PREVIOUS CLASS (6th) : 1. Ratio and Proportion, 2. Symmetry, 3. Data Handling (Collection of Data, Tabulation, Pictographs and Bar Graphs)

TOPICS OF PRESENT CLASS (7th) : 1. Integers, 2. Fractions and Decimals, 3. Simple Equations, 4. Rational Numbers, 5. Operation on Rational Numbers,

6. Exponents, 7. Algebraic Expressions, 8. Perimeter and Areas, 9. Lines and Angles, 10. Reasoning and Aptitude

SYLLABUS OF SCIENCE OLYMPIA (S-MOC)-7 (for 7th grade)

TOPICS OF PREVIOUS CLASS (6th) : 1. Reflection, 2. Electricity Circuit

TOPICS OF PRESENT CLASS (7th) : 1. Nutrition in plants and animals, 2. Acid, bases and Salts, 3. Heat and its effects, 4. Winds, Storms and Cyclones, 5. Weather, Climates and Adaptations, 6. Physical and Chemical Changes

SYLLABUS OF GK OLYMPIA (GK-MOC)-7 (for 7th grade)

TOPICS OF PRESENT CLASS (7th) : 1. Indian Parliament, 2. Constitution, 3. Games (Hockey, Cricket, Football, Badminton), 4. Armed Forces, 5. Tourism (India), 6. Police Administration, 7. Natural Disasters, 8. Important Days, 9. Awards (Film, Sports, Literature, Honours, Gallantry), 10. Human Body, 11. Popular Forts (India), 12. Indian struggle for freedom, 13. Amazing Bridges, 14. Landforms and domain of the earth, 15. Abbreviations, 16. Inventions, 17. Global warming, 18. Plants, 19. Odd one out, 20. Animals (Carnivores), 21. Space explorers, 22. Current affairs

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-8 (for 8th grade) :

TOPICS OF PRESENT CLASS (8th) : 1. Preposition, 2. Tenses, 3. Adjectives, 4. Pronoun, 5. Adverb, 6. Proverb, 7. Conjunctions, 8. Active/Passive Voice, 9. Antonyms, 10. Homonyms, 11. Narration, 12. Idioms, 13. Comprehension, 14. Punctuation, 15. Degree of Comparison, 16. Agreement and Disagreement, 17. Determiners, 18. Spelling error, 19. Editing, 20. Sentence reordering, 21. Apologise, 22. Noun, 23. Synonyms

SYLLABUS OF MATHEMATICS OLYMPIA (M-MOC)-8 (for 8th grade)

TOPICS OF PREVIOUS CLASS (7th) : 1. Lines and Angles, 2. The triangle and its properties, 3. Data Handling (Tabular form, Graphical form, Measurement of central tendency, Bar graphs, Concept of Probability)

TOPICS OF PRESENT CLASS (8th) : 1. Rational Numbers, 2. Operation on Rational Numbers, 3. Exponents, 4. Square and Square Roots, 5. Cubes and Cube Roots, 6. Algebraic expression and its division, 7. Identities, 8. Factorization of algebraic expressions, 9. Linear Equations, 10. Application of Percentage, 11. Quadrilaterals, 12. Probability, 13. Reasoning and Aptitude

SYLLABUS OF SCIENCE OLYMPIA (S-MOC)-8 (for 8th grade)

TOPICS OF PREVIOUS CLASS (7th) : 1. Respiration in animals, 2. Transportation in animals and plants, 3. Time and Motion, 4. Forests

TOPICS OF PRESENT CLASS (8th) : 1. Crop production, 2. Metals and non-metals, 3. Coal and Petroleum, 4. Cell : Structure and Function, 5. Friction, 6. Combustion and Flame, 7. Plastic and its types, 8. Conservation of plants and animals

SYLLABUS OF GK OLYMPIA (GK-MOC)-8 (for 8th grade)

TOPICS FOR PRESENT CLASS (8th) : 1. Astronomy, 2. Indian Defence, 3. Ancient India, 4. Space neighbours, 5. Folk dances in India, 6. Reformers of India, 7. Armed Forces, 8. Computer, 9. Literary works, 10. Police Administration, 11. Religion, 12.

Scientific instruments, 13. Transports, 14. Wars and Battles, 15. Constitution of India, 16. Tourism of India, 17. Important days (National and International), 18. Literary work, 19. Indian Parliament, 20. Games (Hockey, Cricket, Badminton, Football), 21. Natural Disaster, 23. Current Affairs, 24. Newspaper (World)

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-9 (for 9th grade) :

TOPICS OF PRESENT CLASS (9th) : 1. Noun, 2. Pronoun, 3. Verb, 4. Adverb, 5. Vocabulary, 6. Tenses, 7. Modals, 8. Active and Passive Voice, 9. Subject Verb agreement, 10. Reported Speech, 11. Clauses, 12. Determiners, 13. Preposition, 14. Conjunction, 15. Sentence reordering

SYLLABUS OF MATHEMATICS OLYMPIA (M-MOC)-9 (for 9th grade)

TOPICS OF PREVIOUS CLASS (8th) : 1. Area, 2. Volume and surface area, 3. Compound interest statistics, 4. Probability, 5. Factorisation of algebraic expression

TOPICS OF PRESENT CLASS (9th) : 1. Number system, 2. Polynomial, 3. Linear equation in two variable, 4. Lines and angles, 5. Triangles, 6. Euclid geometry, 7. Reasoning and Aptitude

SYLLABUS OF SCIENCE OLYMPIA (S-MOC)-9 (for 9th grade)

TOPICS OF PREVIOUS CLASS (8th) : 1. Pollution, 2. Star and solar system, 3. Chemical effects of electric current, 4. Sound

TOPICS OF PRESENT CLASS (9th) : 1. Matter - Nature and behaviour, 2. Structure of Atoms, 3. Organization in the living world cell, 4. Basic units of life, 5. Motion

SYLLABUS OF GK OLYMPIA (GK-MOC)-9 (for 9th grade)

TOPICS OF PRESENT CLASS (9th) : 1. Ancient Indian history, 2. Medieval Indian history, 3. Modern Indian History and World History, 4. General physical Geography, 5. Introduction to Indian Geography, 6. Resources of India and World, 7. Static Geography of India and World, 8. Introduction of India polity and governance, 9. India Constitution and Fundamental Concept, 10. Awards and prizes of India and World, 11. Sports and games of India and World, 12. Famous Personality of India and World, 13. Basic Science

SYLLABUS OF ENGLISH OLYMPIA (E-MOC)-9 (for 9th grade) :

TOPICS OF PRESENT CLASS (9th) : 1. Noun, 2. Pronoun, 3. Verb, 4. Adverb, 5. Vocabulary, 6. Tenses, 7. Modals, 8. Active and Passive Voice, 9. Subject Verb

agreement, 10. Reported Speech, 11. Clauses, 12. Determiners, 13. Preposition, 14. Conjunction, 15. Sentence reordering

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TOPICS OF PRESENT CLASS (9th) : 1. Number system, 2. Polynomial, 3. Linear equation in two variable, 4. Lines and angles, 5. Triangles, 6. Euclid geometry, 7. Reasoning and Aptitude

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SYLLABUS OF COMMERCE OLYMPIA (C-MOC) (for 10+1 grade) :

ACCOUNTANCY (PRESENT CLASS 10+1) : Journal, Special Purpose Book-1 Cash Book, Accountancy of Goods and Service Tax

ECONOMICS (PRESENT CLASS 10+1) : Theory of Demand, Central problems of an economy, Census and sample methods of collections of data

BUSINESS STUDIES (PRESENT CLASS 10+1) : Public, Private and Global Enterprises, Business Services, Forms of business organisation

SYLLABUS OF PCB OLYMPIA (PCB-MOC) (for 10+1 grade)

PHYSICS (PREVIOUS CLASS 10th) : Electricity

PHYSICS (PRESENT CLASS 10+1) : Motion in plane system of particles and rotational motion

CHEMISTRY (PREVIOUS CLASS 10th) : Carbon compounds

CHEMISTRY (PRESENT CLASS 10+1) : Redox reaction, Structure of atoms

BIOLOGY (PREVIOUS CLASS 10th): Heredity and evolution (Heredity, Mendel's contribution-laws for Inheritance of traits, Sex determination-Brief introduction)

BIOLOGY (PRESENT CLASS 10+1) : PLANT KINGDOM (Classification of plants into major groups, Salient and distinguishing features and a few examples of algae, Bryophyta, Pteridophyta, Gymnosperm), STRUCTURE ORGANISATION IN ANIMALS (Morphology, Anatomy and functions of different systems-Digestive, Circulatory, Respiratory, Nervous and Reproductive System of frog)

SYLLABUS OF PCM OLYMPIA (PCM-MOC) (for 10+1 grade)

PHYSICS (PREVIOUS CLASS 10th) : Electricity

PHYSICS (PRESENT CLASS 10+1) : Motion in plane system of particles and rotational motion

CHEMISTRY (PREVIOUS CLASS 10th) : Carbon compounds

CHEMISTRY (PRESENT CLASS 10+1) : Redox reaction, Structure of atoms

MATHEMATICS (PREVIOUS CLASS 10th) : Applications of Trigonometry, Circles, Area related to circles

MATHEMATICS (PRESENT CLASS 10+1) : Sets, Trigonometric functions, Complex numbers and quadratic equation, Permutation and combination, Binomial theorem, Sequence and series, Introduction to three dimensional geometry

SYLLABUS OF ENGLISH OLYMPIA (SENIOR) (E-MOC) (for 10+1 grade)

TOPICS OF PRESENT CLASS (10+1) : 1. Subject-Verb Agreement, 2. Editing, 3. Passages, 4. Determiners, 5. Tenses, 6. Active Passive, 7. Reported speech, 8. Clauses, 9. Modals, 10. Gap filling

SYLLABUS OF COMMERCE OLYMPIA (C-MOC) (for 10+2 grade) :

ACCOUNTANCY (PREVIOUS CLASS 10+1) : Adjustments in preparation of financial statements

ACCOUNTANCY (PRESENT CLASS 10+2) : Accounting for partnership firms-
Fundamentals, Admission of partner

ECONOMICS (PREVIOUS CLASS 10+1) : Production functions and returns to a
factor

ECONOMICS (PRESENT CLASS 10+2) : Money, Economic reforms since 1991 : New
economic policy

BUSINESS STUDIES (PREVIOUS CLASS 10+1) : Sources of business finance

BUSINESS STUDIES (PRESENT CLASS 10+2) : Principles of management, Financial
market

SYLLABUS OF PCB OLYMPIA (PCB-MOC) (for 10+2 grade)

PHYSICS (PREVIOUS CLASS 10+1) : Mechanical properties of fluids

PHYSICS (PRESENT CLASS 10+2) : Current electricity, Alternating current

CHEMISTRY (PREVIOUS CLASS 10+1) : Classification of elements and periodicity in
properties

CHEMISTRY (PRESENT CLASS 10+2) : Electro Chemistry, Coordination Compounds

BIOLOGY (PREVIOUS CLASS 10+1): Neural Control and Coordination (Neuron and
Nerves, Nervous System in Human Central Nervous System, Peripheral Nervous
System and Visceral Nervous System, Generation and conduction of nerve
impulse)

BIOLOGY (PRESENT CLASS 10+2) : Human Reproduction (Male and female
reproductive system, Microscopic anatomy of testis and ovary, Gametogenesis,
Menstrual cycle, Fertilisation, Embryo development upto blastocyst formation,
Parturition, Lactation),

Molecular Basis of Inheritance (Search for genetic material and DNA as genetic
material, Structure of DNA and RNA, DNA packaging, DNA replication, Central
dogma, Transcription genetic code, Translation, Gene expression and regulation,
lac operon, Genome, Human and rice genome project, DNA finger printing)

SYLLABUS OF PCM OLYMPIA (PCM-MOC) (for 10+2 grade)

PHYSICS (PREVIOUS CLASS 10+1) : Mechanical properties of fluids

PHYSICS (PRESENT CLASS 10+2) : Current electricity, Alternating current

CHEMISTRY (PREVIOUS CLASS 10+1) : Classification of elements and periodicity in properties

CHEMISTRY (PRESENT CLASS 10+2) : Electro Chemistry, Coordination Compounds

MATHEMATICS (PREVIOUS CLASS 10+1) : Conic sections, Straight line, Statistics

MATHEMATICS (PRESENT CLASS 10+2) : Relations and functions, Inverse trigonometric functions, Matrices, Determinants, Continuity and differentiability, Applications of derivatives, Integrals

SYLLABUS OF ENGLISH OLYMPIA (SENIOR) (E-MOC) (for 10+2 grade)

TOPICS OF PRESENT CLASS (10+2) : Determiners, Tenses, Active Passive, Reading passages, Clauses, Modals, Gap filling, Re-ordering, Editing, Reported Speech