

# Syllabus-

## 1-Quantitative Aptitude (MATHS):

The syllabus of the subject will be whole numbers, decimals, fractions and relationships between numbers, Percentage. Ratio & Proportion, Square roots, Averages, Interest, Profit and Loss, Discount, Partnership Business, Mixture and Alligation, Time and distance, Time & Work, Permutation & Combination, Probability Basic algebraic identities of School Algebra & Elementary surds, Graphs of Linear Equations, Triangle and its various kinds of centres, Congruence and similarity of triangles, Circle and its chords, tangents, angles subtended by chords of a circle, common tangents to two or more circles, Triangle, Quadrilaterals, Regular Polygons , Circle, Right Prism, Right Circular Cone, Right Circular Cylinder, Sphere, Hemispheres, Rectangular Parallelepiped, Regular Right Pyramid with triangular or square base, Trigonometric ratio, Degree and Radian Measures, Standard Identities, Complementary angles, Heights and Distances, Histogram, Frequency polygon, Bar diagram & Pie chart , Caselets Data Interpretation , Inequality , Data Sufficiency.

For references- visit [www.mahendraguru.com](http://www.mahendraguru.com), [www.youtube.com/c/mahendraguruvideos](http://www.youtube.com/c/mahendraguruvideos), digi notes, digi pages, mahendra's practice set books, mahendra's online speed test, and NCERT books upto class 10<sup>th</sup>.

## 2-General Intelligence & Reasoning:

It would include questions of both verbal and non-verbal type. This component may include questions on analogies, similarities and differences, problem solving, analysis, judgment, decision making, , observation, relationship concepts, arithmetical reasoning and figural classification, arithmetic number series, non-verbal series, coding and decoding, statement conclusion, syllogism, Figural Analogy, Number Series, Figural Series, Problem Solving, Word Building, Venn Diagrams, Drawing inferences, Punched hole/pattern –folding & un-folding, Figural Pattern – folding and completion, direction and distance , order and ranking, sitting arrangement & puzzles, Machine Input , Problem & course of action, Alphabetical Series, Data Sufficiency, Decision Making ,Inequality.



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### 3- English:

This English Language section comprises the mentioned topics – Parts of speech (Nouns, Articles, Pronouns, Verb & tense, Adjectives, Adverbs, Conjunctions, Prepositions), Cloze test, Fillers, Double fillers, Reading comprehension, Active & passive voice, Direct & indirect speech, Rearrangement of sentences, Vocabulary, Idioms & phrases, One word substitutions.

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### 4- General Awareness(BANKING):

This General Awareness section comprises the mentioned topics-Indian banking system, RBI, Monetary policy, NABARD, PSL, inflation & related term, National income, Public finance part, Planning & NITI aayog, Money market, Capital market, Foreign trade, NPA & its classification, Basel norms, Banking terminology part, Social welfare schemes.

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## 5- General Study:

- a- HISTORY** - This History section comprises the mentioned topics- Vedic Age, Mahajanpada, Jainism ,Buddhism ,Maurya, Later Maurya , Gupta ,Later Gupta ,Delhi sultanate , Mughal Dynasty , Indian , National Movement, All Modern India
- b- Geography** - This Geography section comprises the mentioned topics- Universe ,The Planet ,Earth ,Atmosphere ,Winds ,Cyclones, Oceans ,Himalayas, Plateau, Island, Climate of India, Rivers
- c- Indian Polity-** This Indian Polity section comprises the mentioned topics- Development of Indian constitution, Parts, Article, Schedule, Sources, Preamble, Union, Citizenship, Fundamental Rights, DP.SP.Fundamental Duties, President, Vice President, Prime Minister and parliament, Attorney General, CAG, Election Commission, Judiciary System of India, State and Centre State Relation, Panchayati Raj, Centre State Relation, Amendments, Parliamentary Terms
- d- Economics-** This Economics section comprises the mentioned topics Introduction of economics , Demand Supply, Poverty, Unemployment, Planning in India, Inflation, National Income, Agriculture, Market, Public Finance, Census, Economic Terminology, Banking in India
- e- Science** -This Economics section comprises the mentioned topics- Unit, Light, Heat, Sound, Gravitation, Acid, Cell, Tissue Disease, Skeletal System, Blood Circulation, Brain, System, Digestion system, Vitamin, Hormone

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NCERT books upto class 10th.



## 6- Computer:

The syllabus of the subject will be, hardware, memory, software, generations, database, networking, internet, malicious code, Abbreviations, extension, shortcut keys, founders and latest technologies

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