

BRAINSPARK



Basic Stream Selection and Career Guidance Report for

SOURAV ROY

BY BRAINSPARK



Class XI

BRAINSPARK

CONTENTS:

1. Welcome Note.....	3
2. Today's Education Scenario.....	4
3. Difference between Traditional and Scientific way of choosing career.....	6
4. Why career mapping Test and .Benefit.....	6
5. Factors that affecting Stream Selection.....	7
6. Intelligence Assessment.....	8
7. Personality Test Result	9
8. Aptitude Definition and Explanation.....	10
9. Abstract Reasoning Definition	11
10. Numerical Reasoning.....	12
11. Aptitude Test Result	13
12. Interest Test Result	14
13. Personality Test Result	15-17
14. Graphical Analysis.....	18
15. Aptitude vs. Interest Test Result.....	19
16. Top Three Ideal Stream and Career for Sourav.....	20
17. Summary of Graphical Analysis.....	22
18. Development Plan.....	23
19. Parent Section	24

Dear Sourav,

Congratulation!

We would like to congratulate you for taking the right step towards this self-exploration initiative through this self-evaluation report.

Why this Career Counseling Guide

Today, the most important or valuable resource is information, the more information you will be having about yourself, i.e. your liking, your motivation, your mental skill, the more you will take right decision about your education, career and organization.

The purpose of this counseling guide is self-exploration, so, a student can self-evaluate himself and can prepare in well advance for his future career.....

It may be noted here in this regard that mere a degree today is not enough to get a job, rather getting a job is not enough, but the right profession where one can utilize his professional education, skill and right organization where his mental resources, like, his nature, behavioral pattern and psychological parameters and demands are met/ properly aligned, is utmost important because BRAIN AND MIND are two forces from within that helps a person to perform better for a longer period which is again a must for right career growth else frequent job hopping for right job or organization will only bring down your career graph.

So, which all parameters are needed to evaluate a student's career assessment?

Psychometric Assessment	Result
1. Aptitude Evaluation	Shows natural skill to do something, consist of Mechanical Assessment, Logical Assessment, Numerical Assessment, Abstract Assessment, Verbal Assessment and Spatial Assessment
2. Interest Evaluation	Shows interest in different job/task which can be broadly divided into six category. like, Enterprise, Artistic, Social, Conventional, Realistic, Investigative, filters further to decide specific career field;
3. Personality Evaluation	Analyze personality traits, how you behave in different situation in professional environment or interact with others, consist of Extraversion, Conscientiousness, Agreeableness, Altruism and Natural Reaction.

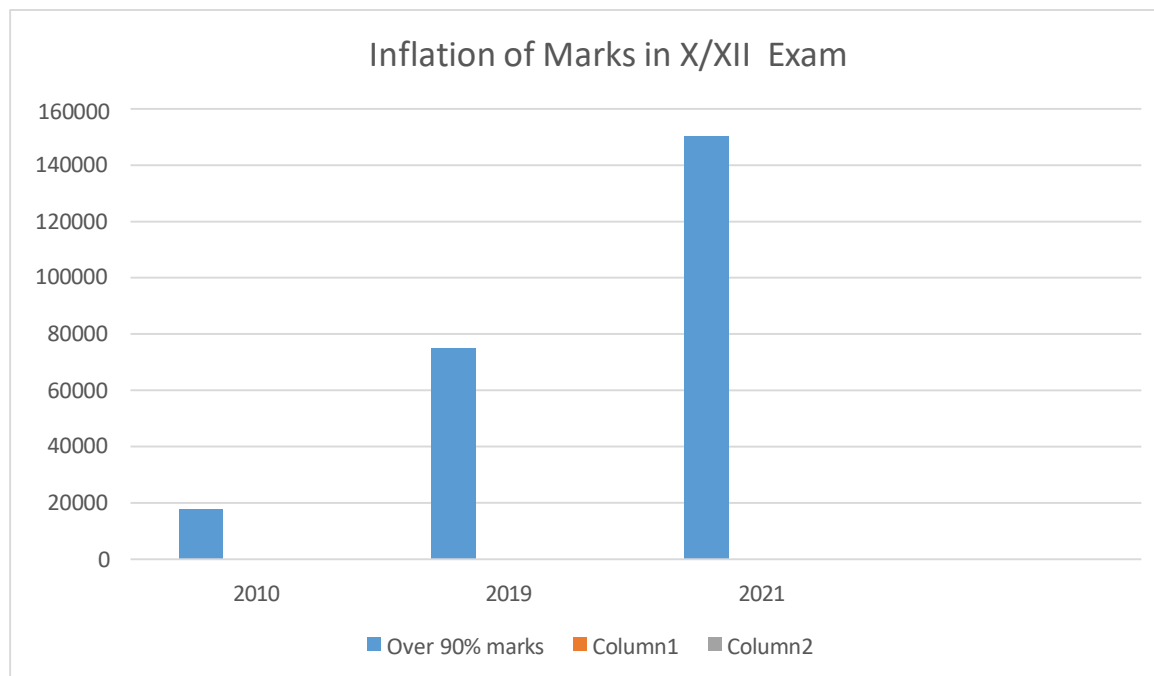
According a recent survey, more than 50% employees realize in their mid- thirty that they are not in the right profession, but very few have the courage or resources to change the profession, so, they have to compromise for the rest of the life.

So, go ahead and explore this report and evaluate yourself.

Wish you a bright future ahead.

Team Brainspark.

What's the biggest challenge students are facing in current situation?



With more than 150000 (One lac Fifty Thousand) students scoring more than 90% in CBSE Grade XII Exam in 2021.

In state board School Final Examination in West Bengal one to tenth positions has been shared by no. of students, like each position being shared by 5-10 no. of students.

In another example, 98.85% students have been qualified for joint Entrance exam for the year 2022.

Statistics of ICSE Exam 2022 class X:

Total number of students 231063

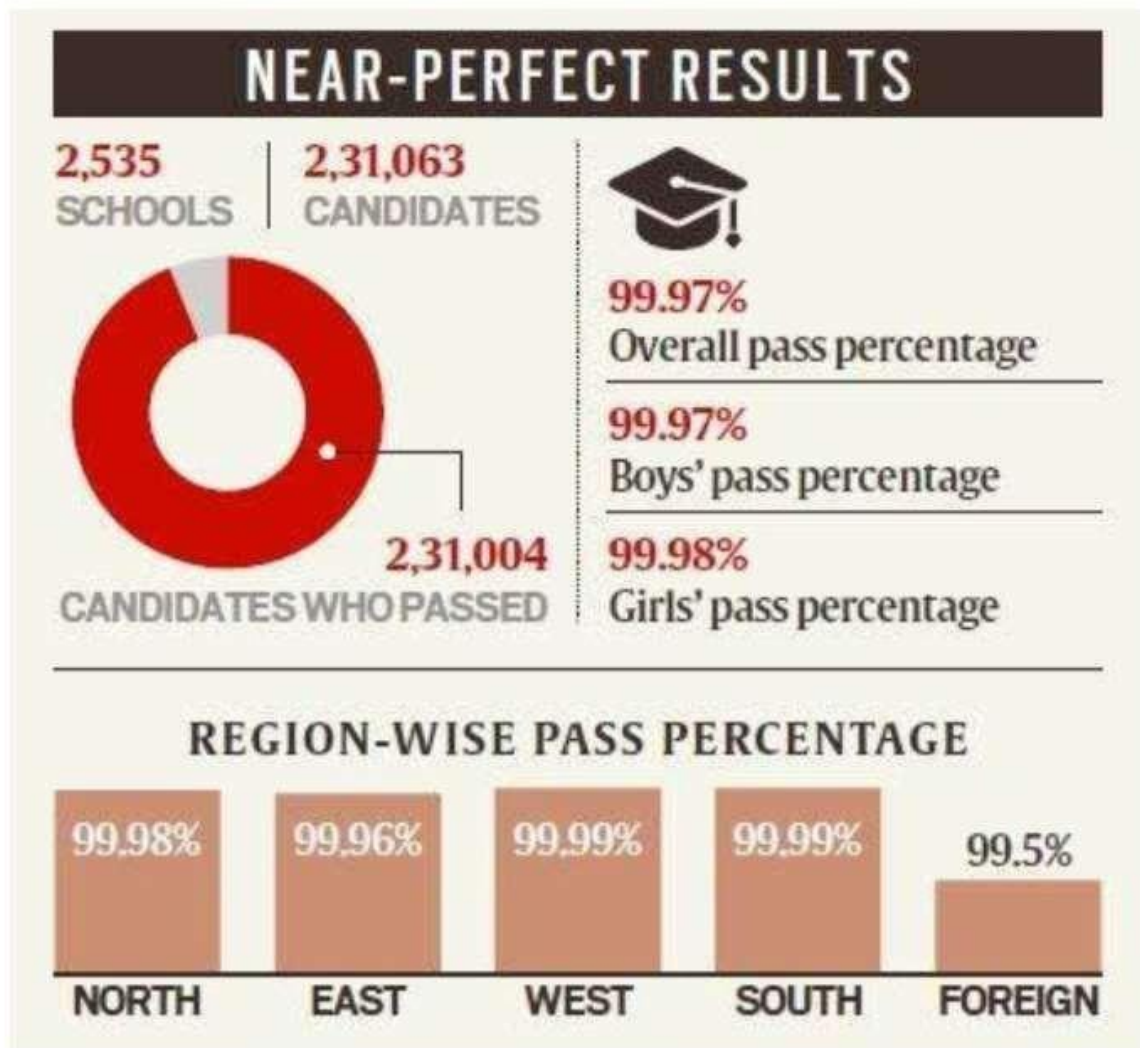
Number of passed out students 231004

Percentage of pass – 99.98%

Source: The Indian Express



Kanishka Mittal from City Montessori School in Kanpur.



Highlights:

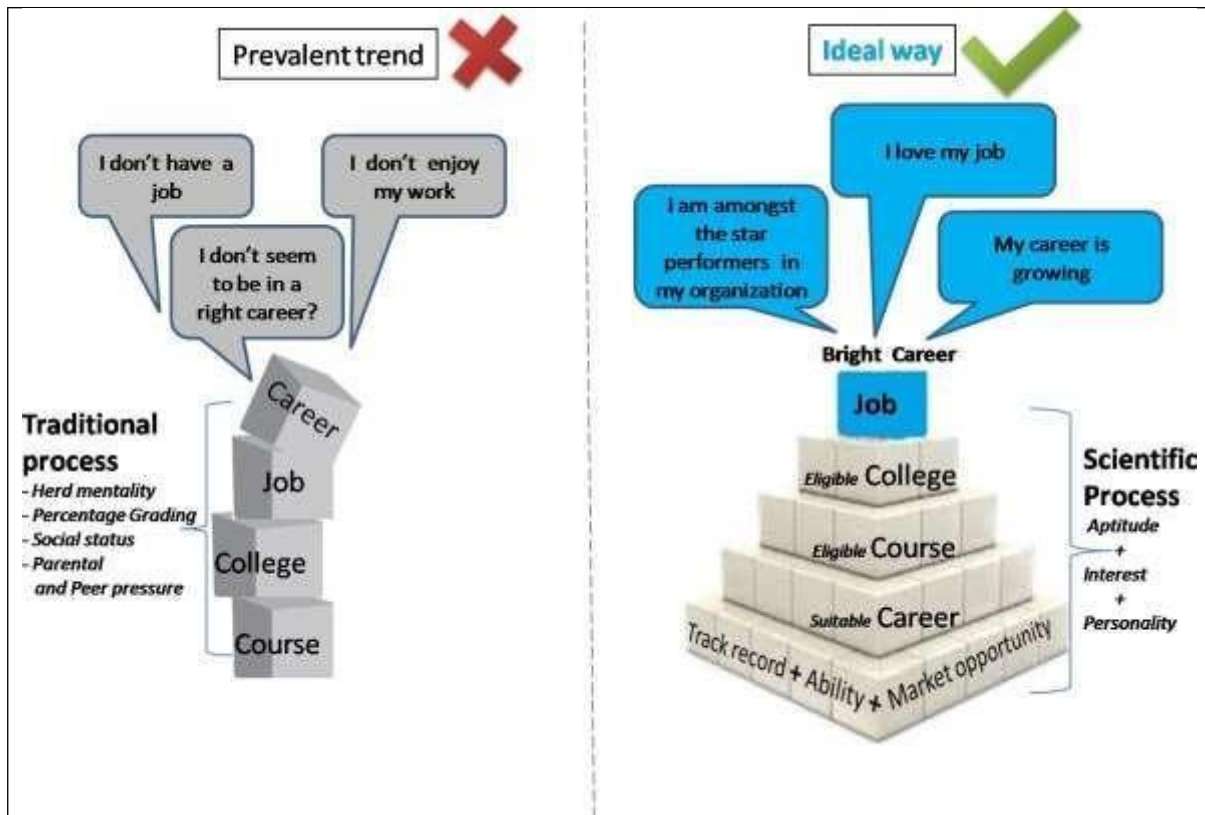
First rank secured by 4 students – 499 marks out of 500 marks 2nd Position secured by 35 students – 498 marks out of 500 marks 3rd rank secured by 71 students – 497 marks out of 500 marks Top 3 rank secured by more than 100 students










BRAINS PARK

DIFFERENCE BETWEEN TRADITIONAL WAY AND SCIENTIFIC WAY FOR CHOOSING CAREER

Any career based on this model is Scientific and hence more productive, provide mental peace to both parents and candidate and every penny spent for education or career is well spent and worth.



<h3>Why Career Mapping Test</h3> <ul style="list-style-type: none">  70% of the teenagers choose their higher education based on peer pressure  82% - 85% of the teenagers are confused on their career and higher education plan  65% of the teenagers don't share their dreams and aspiration  85% of the teenagers are stressed because of the anxiety, over expectation and fear of failure! 	<h3>Career Mapping Benefits</h3> <ul style="list-style-type: none">  Map your higher education and career plan  Take informed decision about future courses and career  Real insights into your career potential attributes
--	---



BRAINSPARK

Three biggest mistakes that parents do while choosing career for their child:

❖ Most of the parents want their child to be doctor or engineer, Ignoring child's

- Intelligence
- Wish
- Talent
- Dream

❖ Child's Biggest Mistake:

- Driven by Fantasy
- Follow batch mate

❖ Factor that influence parent's career decision:

- Social Status
- Unfulfilled dream of parents
- Family tradition
- Follow Trend

❖ Myth

- Science has better career growth
- Arts only chosen by poor student
- Arts has no career growth

❖ Factor That influence a Student's Career

- Aptitude
- Interest
- Motivation
- Behavior
- Intelligence
- Personality



BRAINSPARK

Understanding Your Assessment Report

Intelligence Assessment

Aptitude Test Results

This section tests a student's natural ability or talent to perform certain kinds of things. No prior knowledge is generally required to attend the test. The scores in this section will show what you are naturally good at.

Interest Test Results

This test shows your interest in various career options. This will help you to find areas that you have a strong interest in and therefore more likely to enjoy work.

Personality Test Results

Personality is the combination of behavior, emotion, motivation and thought patterns that define an individual. Your personality is just beginning to form and takeshape at this stage and will most likely change with your life experiences. This personality test will give an introduction to exploring yourself. Note: In case the student has not marked enough options, the personality test results will show as 'invalid'.



BRAINSPARK

Stream Selection and Career Recommendation

People working in professions that they are naturally good at and interested in are more likely to succeed than people who pick professions that do not match their talent and interest. At the end of this report, you will see 2 or 3 recommended career options based on analysis of your aptitude, subject knowledge and interest test results. These are the best suited career options that you are most likely to enjoy and excel in.

About Aptitude Test

Aptitudes are natural talents, special abilities for doing, or learning to do, certain kinds of things. Manual dexterity, musical ability, spatial visualization, and memory for numbers are examples of such aptitudes. Every occupation -- whether it is engineering, medicine, law or management -- uses certain aptitudes. The work you are most likely to enjoy and be successful in is work that uses your aptitudes. There is a definite relationship between aptitudes and a person's success in certain occupations. People working in professions related to their aptitudes are usually happier and more successful than those who pick careers that don't match their aptitudes. A career should provide much more than a means of making a living. It should be interesting, pleasant and provide a sense of satisfaction and self-worth.



BRAINSPARK

TOOLS WE USE TO ANALYZE DIFFERENT SKILLS



Mechanical Reasoning



Numerical Reasoning



Spatial Reasoning



Verbal Reasoning



Logical Reasoning



Abstract Reasoning

Logical Reasoning

Logical or deductive reasoning involves using a given set of facts or data to deduce other facts by reasoning logically. It involves drawing specific conclusions based on different situations. Transitive inference, or linear syllogistic reasoning, is one of the simplest forms of logical reasoning. It is how a person applies a rational to number of practices and phenomena in everyday experience. Logical thinking skills require and involve a progressive analysis, for example, by weighing all available options, using facts and figures, and making important decisions based on the pros and cons. Jobs based on Logical reasoning: **Decision Scientist/Data Scientist, Lawyers, Investment Banker, Management Consultant, Computer Programming etc.**





BRAINSPARK



Abstract Reasoning [AR]

Abstract Reasoning is the ability to logically work with and analyze information non-verbally, the ability to see patterns and relationships, and think laterally. Abstract Reasoning is one of the core and fundamental aptitudes and forms the foundation of success across several careers such as: **computer programming, data analysis, medical and paramedical fields, law, management careers, chemistry based careers** and so forth. It is also an important aptitude for careers such as engineering, psychology, administrative services and so on.



Mechanical Reasoning

Mechanical Reasoning test is the ability to understand mechanical and physical concepts. Learning and understanding these concepts is essential for success on tests of Mechanical reasoning. These tests are frequently used as an entrance examination for Mechanical Engineering or pre-employment test for candidates. **Example of mechanical jobs are design, development, operation, maintenance and anything that has moving parts.**



Spatial Reasoning [SR]

Spatial Reasoning is the ability to mentally manipulate objects in three-dimensional space. This test assesses how well the student can understand, imagine and visualize objects in space and from different angles and later process this information constructively. Spatial Reasoning, as an aptitude is a core requirement for careers such as: **medicine and surgery, dentistry, paramedical fields, architecture, photography, all designing based careers, aviation, astrophysics, astronomy, visual arts** and so forth. It is also an important aptitude for careers such as computer animation, graphics, game development and so on.



BRAINSPARK



Numerical Reasoning [NA]

Numerical Ability refers to the understanding of numerical relationships and understanding of numerical concepts. Numerical ability, along with verbal ability, often forms the core of academic success. Numerical Ability, as an aptitude is a core requirement for various careers such as: **engineering, computers and IT, chartered accountancy, architecture, costing, banking and insurance, chemistry and physics based careers, and various finance careers.** It is also an important aptitude for other careers such as management, economics, marketing, actuaries and so forth.



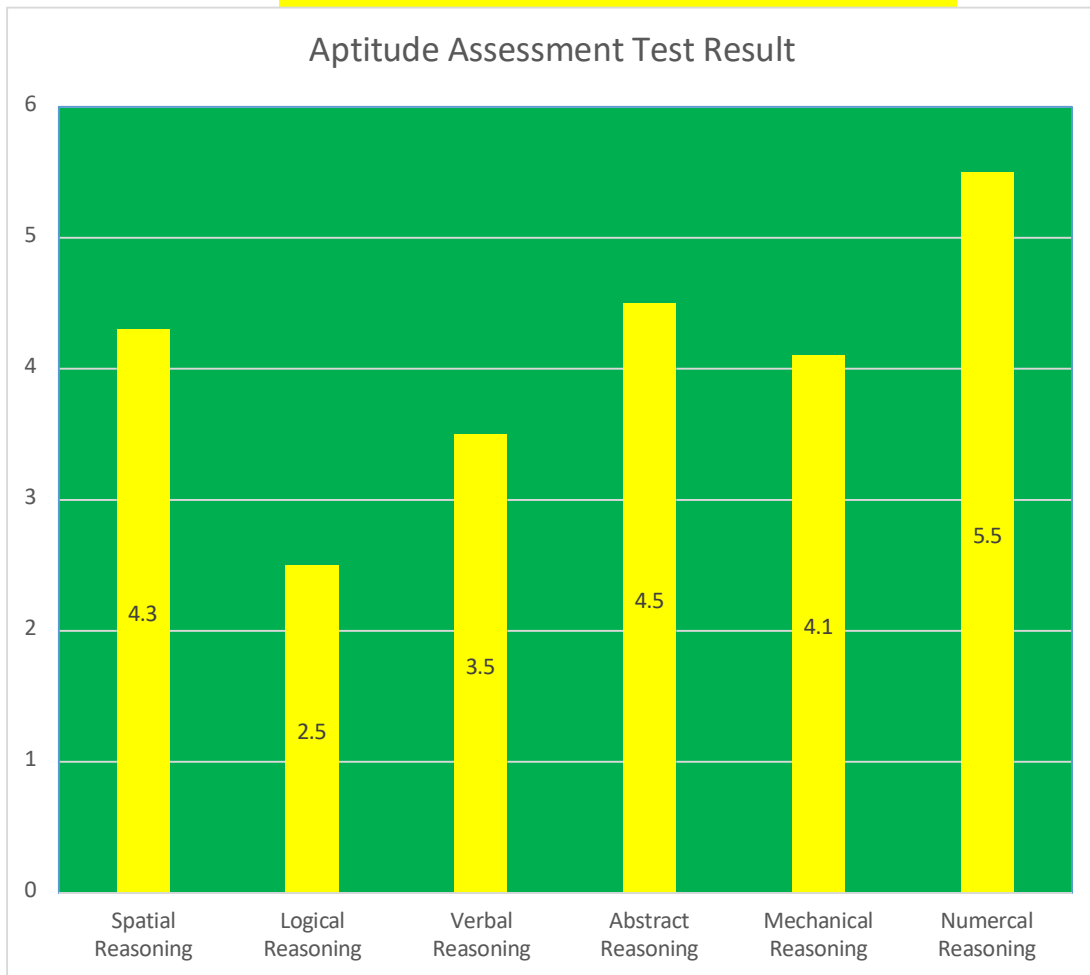
Verbal Reasoning

Verbal Reasoning refers to the ability to deal with word symbols and understand complex verbal relationships. This test measures the student's vocabulary, word fluency, and verbal comprehension. Verbal reasoning often forms the core of academic success, along with numerical ability, and as such is a skill required across various careers. Verbal Ability & Comprehension as an aptitude is important for various careers such as: **language-based careers, mass media, communications, journalism, social sciences, law, hospitality, public relations and so forth.** It is also an important aptitude for a multitude of other careers such as management, event management, administrative careers and so forth.



BRAINSPARK

APTITUDE BASED TEST RESULT



Your top three Aptitude:

1 Numerical Reasoning: *engineering, computers and IT, chartered accountancy, architecture, costing, banking and insurance, chemistry and physics based careers, and various finance careers.*

2 Abstract Reasoning: computer programming, data analysis, medical and paramedical fields, law, management careers, chemistry based careers.

3 Spatial Reasoning: medicine and surgery, dentistry, paramedical fields, architecture, photography, all designing based careers, aviation, astrophysics, astronomy, visual arts.



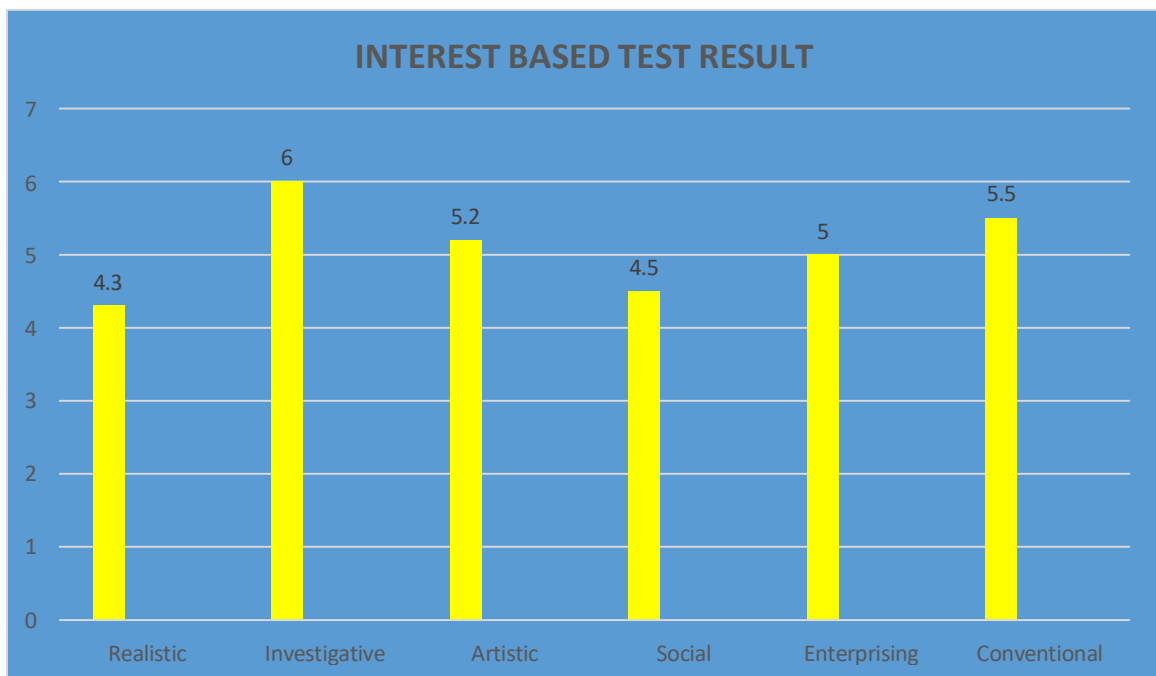
BRAINS PARK

INTEREST BASED TEST RESULT

What is interest?

"Interests" are those activities you do for fun or enjoyment, like, watching movie, playing chess, reading novel and so on, likewise, if you can find out your interest area and choose a profession which you like the most, then you can turn your passion to your profession

Summary: Interest is important in choosing a career or occupation because interest keeps you motivated and engaged in your work. Since work takes up most of your time during a day and week, if you have no interest in what you are doing, you will most likely become unhappy and unproductive.



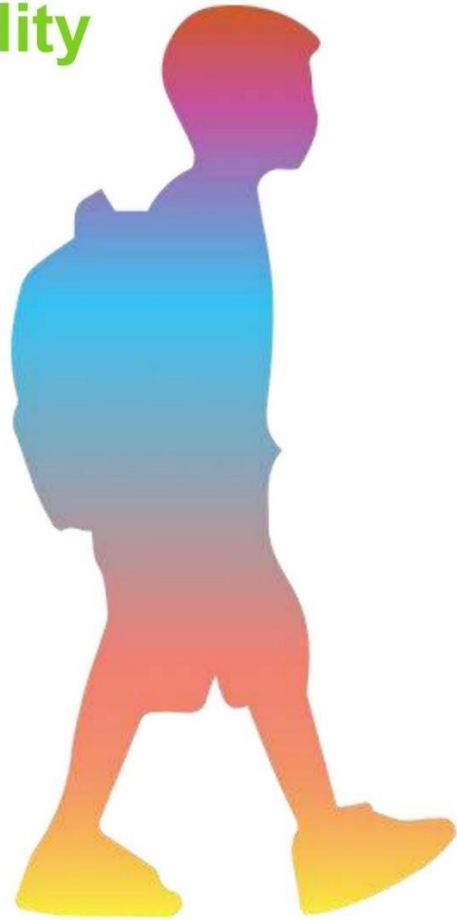
Your top three interest area:

1. **Investigative:** Jobs requires inquisitiveness and analytical skill, allows candidates to solve complex problems and critical thinking abilities to solve complex problems and develop innovative solutions.
2. **Conventional:** These people like job involves planning, structuring, processing data, figures, data analysis etc..
3. **Artistic:** These people like job involves create different kind of creative art, abstract concept, design concept, 3D, animation, graphic design etc.



BRAINSPARK

Personality





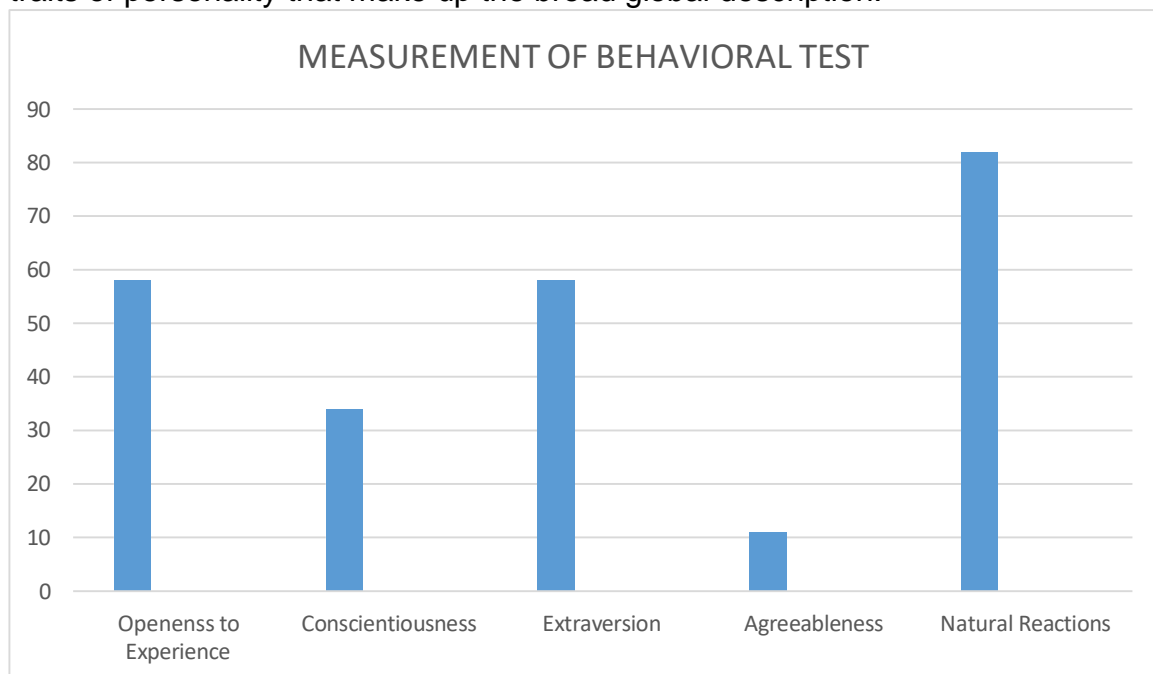
BRAINS PARK

YOUR PERSONALITY ASSESSMENT

What is Personality?

Personality is the combination of behavior, emotion, thought pattern that defines an individual. Personality psychology attempts to study the similarities and differences among these patterns among different people and groups. There are many definitions and theories of personality which is based on varied aspects of human beings. Some are based on body fluid, emotion, the physique and human nature such as introversion, extroversion, adaptability, compatibility, sociability and so on. The personality inventory is based on one such classification and is just an indicator. The personality of the student is just beginning to form and take shape. As life experiences occur different personality traits beginning to exposed or exhibited. This personality inventory gives a little self-discovery – and could be a lead to one’s own self-discovery on one’s own self exploration.

Here the personality Test offers a concise measure of the five major factors of personality, as well as the six facets that define each factor. Factor scores give a broad global description of an individual. Facet scores describe, in more detail, the specific traits of personality that make up the broad global description.





BRAINSPARK

Textual summary of your personality report

The Behavioral Factors	Describing a lowrange scoring person...	Percentile	Range	Describing a high range scoring person...
Openness to experience	<p>Traditionalist down-to-earth practical</p> <ul style="list-style-type: none"> • conservative • prefers traditional outlooks and technical problem-solving 	58	Middle	<ul style="list-style-type: none"> • Imaginative • open- minded • experimental <p>prefers creative conceptual problem-solving</p>
Conscientiousness (Work Ethic)	<p>Spontaneous disorganized - prefers flexible plans</p> <ul style="list-style-type: none"> • dislikesprecise details 	34	Middle	<ul style="list-style-type: none"> • Conscientious • disciplined • efficient • well organized • likes precise detail • strongsense of duty • (Very High scorers could be described as workaholics)
Extraversion	<p>Reserved</p> <ul style="list-style-type: none"> • formal • serious • quiet • prefers working alone • avoids direct leadership roles 	58	Middle	<ul style="list-style-type: none"> • Outgoing • friendly • assertive • likes workingwith others • enjoys direct leadership roles
Agreeableness	<p>Hard-headed</p> <ul style="list-style-type: none"> • skeptical • competitive • proud • prefers 	11	Low	<ul style="list-style-type: none"> • Compassionate • eager to please • good natured , prefers co-operation over competition andconflict

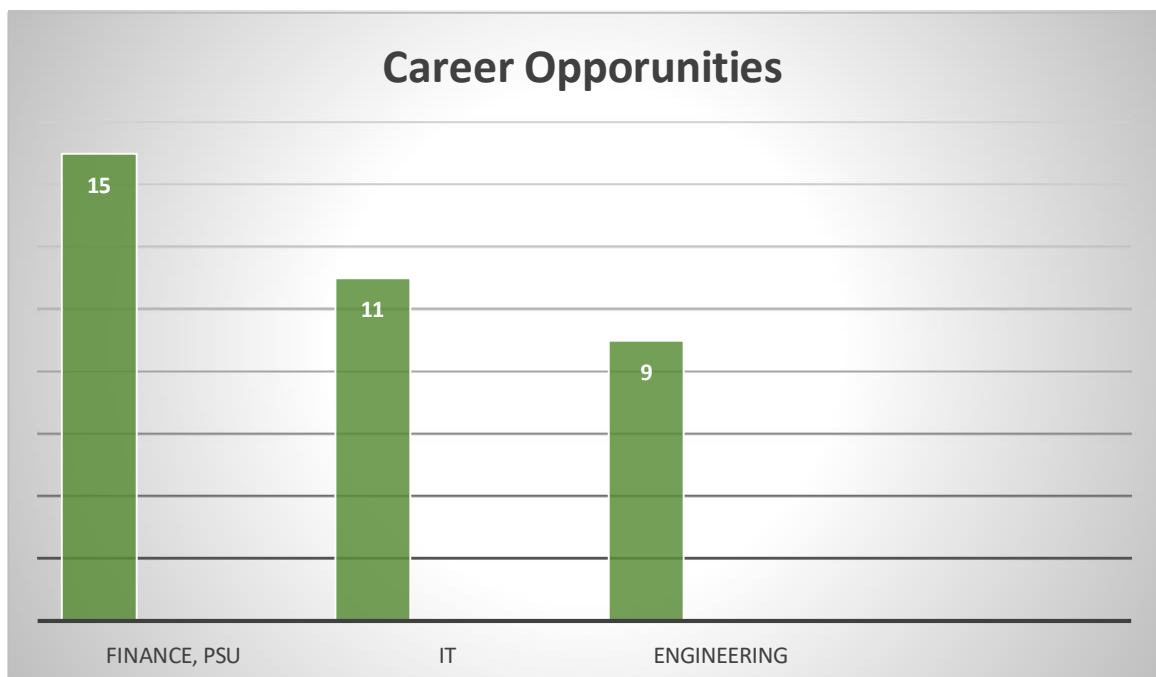
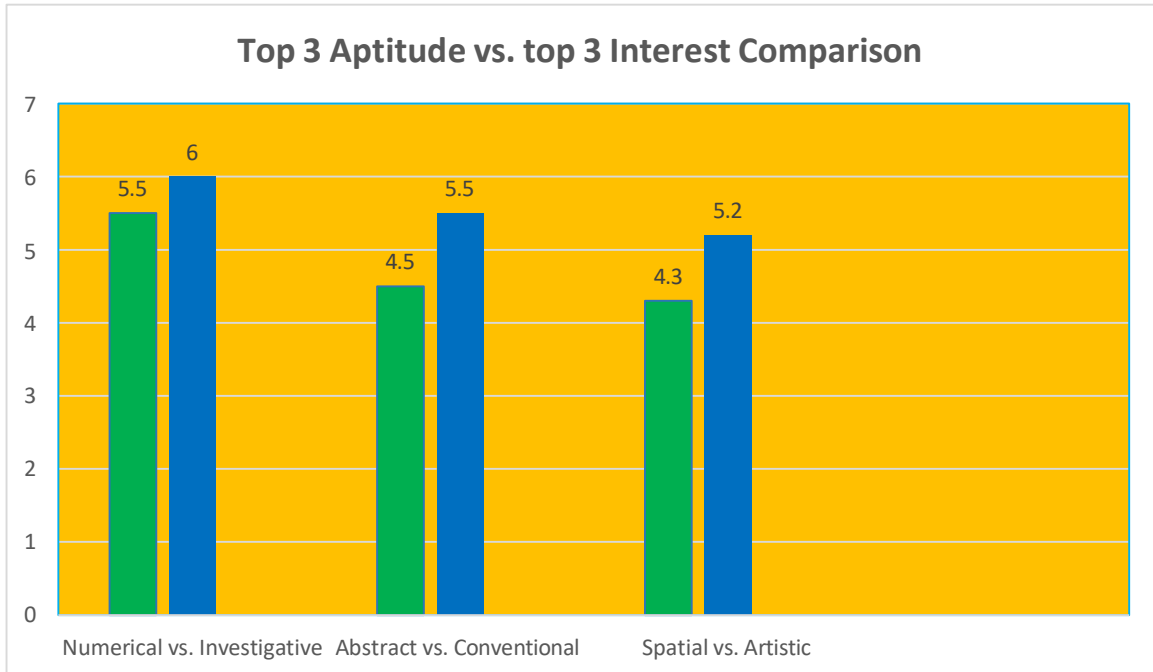


BRAINSPARK

	competition over co-operation			
Natural reactions	<ul style="list-style-type: none"> • Not easily upset in stressful situations • relaxed • resilient • calm 	82	High	<ul style="list-style-type: none"> • Experiences negative emotional reactions and feelings of anxiety • prone to worry • easilyupset



BRAINSPARK





TOP THREE IDEAL STREAM AND CAREER FOR SOURAV

1. Sector: Finance

Career Options	Banking and insurance, Costing, CA, Economist, Market research Analyst, Statistician, Business Analyst, Corporate Financial Analyst, Investment Banking Analyst.	
Work Areas	Banking and insurance, Financial Companies, Share Broking Companies , Market research companies	
Job Role	Financial planning, Budgeting and forecasting, Financial decisions for companies, Investment decisions for companies.	
Recommended Stream/Degree/Course		
Class 11/12		Graduation
Stream: Humanity/Commerce		Degree: Humanity/B.com
Subject combination: Main Subjects: Economics, Math, English/Accountancy		Subject combination: BA: Main Subjects: Economics, Math, English, Sociology B.com: Cost Accountancy and Auditing, SPOP, Financial Accounting, Statistics, Financial Law, Corporate Tax etc.
Post-Graduation		Professional Skill required
MBA in Finance, Certified Management Accounting, Chartered Financial Analyst, Chartered Accountant.		High level of Numerical and Analytical Skill

2. Sector: IT

Career Options	Graphic designing, Animation, Visualizer, Concept artist, Landscape architect, Industrial designer, CAD/CAM Designer/ Building Architectural Course	
Work Areas	IT Companies, Industrial Engineering Companies, Construction/Real Estate Companies, Advertising Companies.	
Job Role	3D Graphic Designer, Animator, Web Developer, Building Architecture	
Recommended Stream/Degree/Course		
Class 11/12		Graduation
Stream: Arts/Commerce/Science		Degree: B.Sc in Graphic and Web Design



BRAINSPARK

Subject combination: Available Subject with drawing/Computer/IT related subject as optional.	Subjects: Available Subjects are Graphic Design, Animation, Web Design.
Advance level Post-Graduation (optional)	Required Professional Skill
MCA/Diploma in CAD/CAM/Building Architectural Course	High level of Visualization and conceptualization along with current trend in relevant subject.

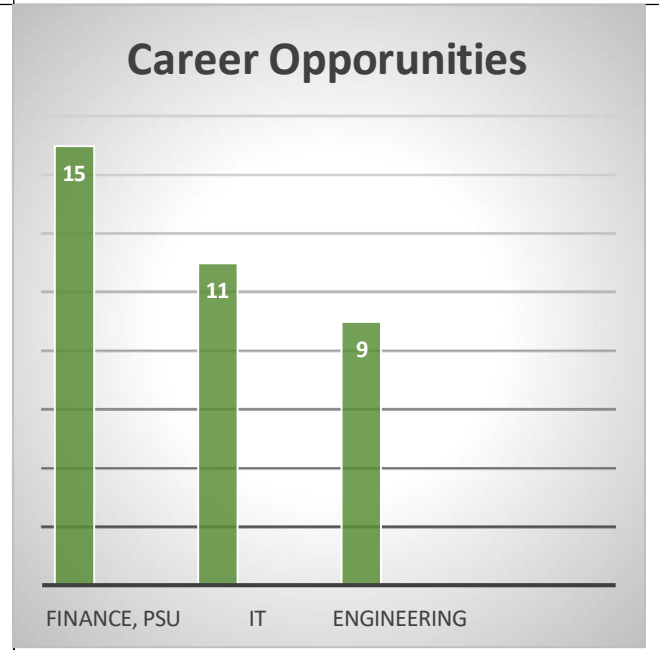
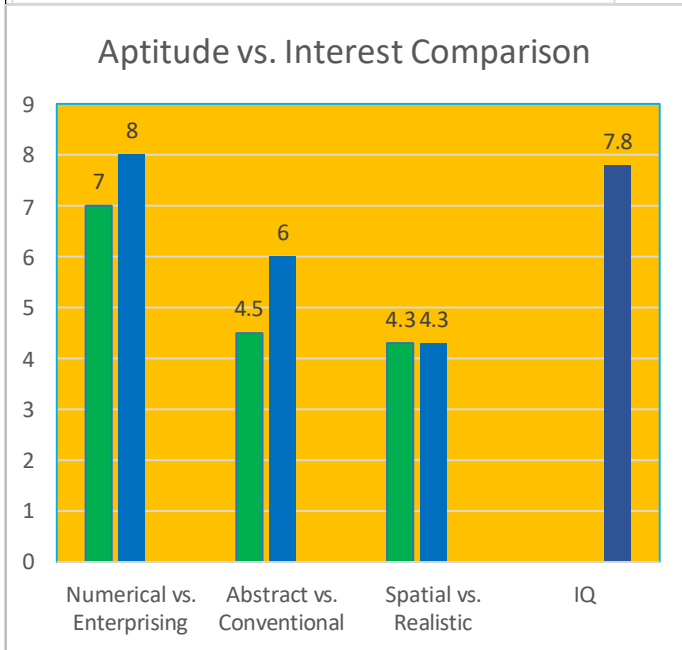
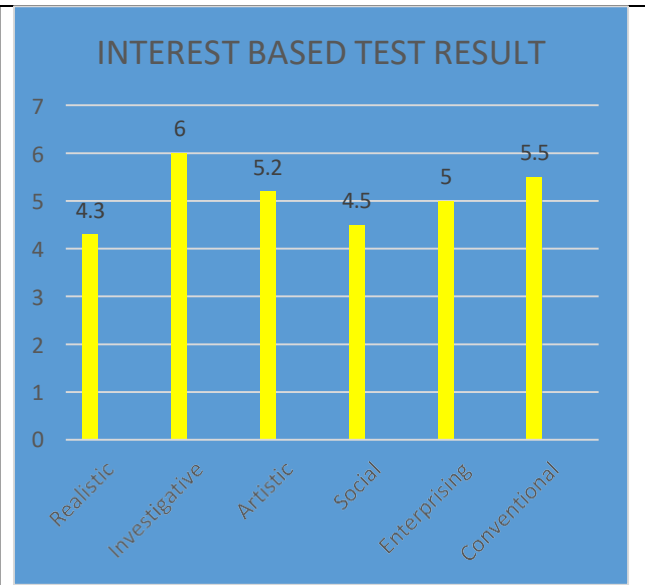
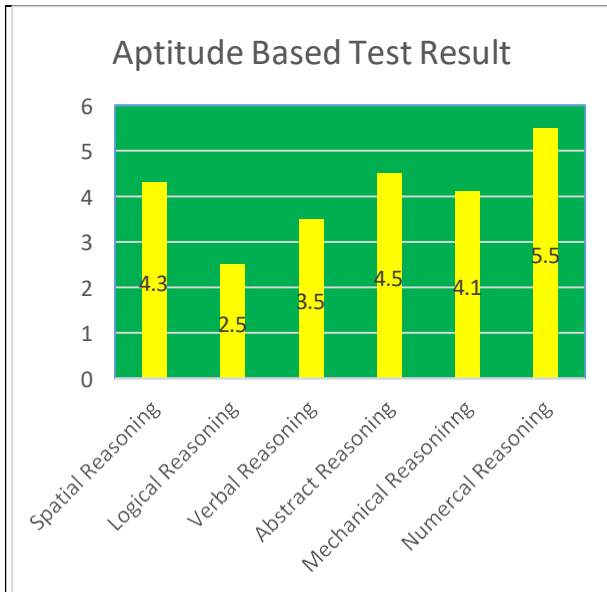
3. Sector: Engineering

Career Options	Mechanical Engineering, Industrial Engineering	
Work Areas	Engineering Companies in different field like, Mines, Domestic/Electrical/Engineering Equipment/Machineries, Industrial Products, Automobile parts etc.	
Job Role	Machinery Production/Maintenance/Development/Operator/Quality Control Inspection/Equipment Designer etc.	
Recommended Stream/Degree/Course		
Class 11/12		Graduation
Stream: Pure Science		Degree: BSc. in Physics
Subject Combination: Physics, Chemistry, Math. Computer as optional/additional subject.		Subject Combination: Mathematical Physics, Electricity and Magnetism, Thermal Physics, Digital Systems and Applications, Quantum Mechanics, Statistical Physics, Classical Mechanics and theory of relativity, Thermo Dynamics.
Required Professional Skill		
Computer Expertise, Familiarity with current scientific software, Specialized Knowledge of physics topics.		

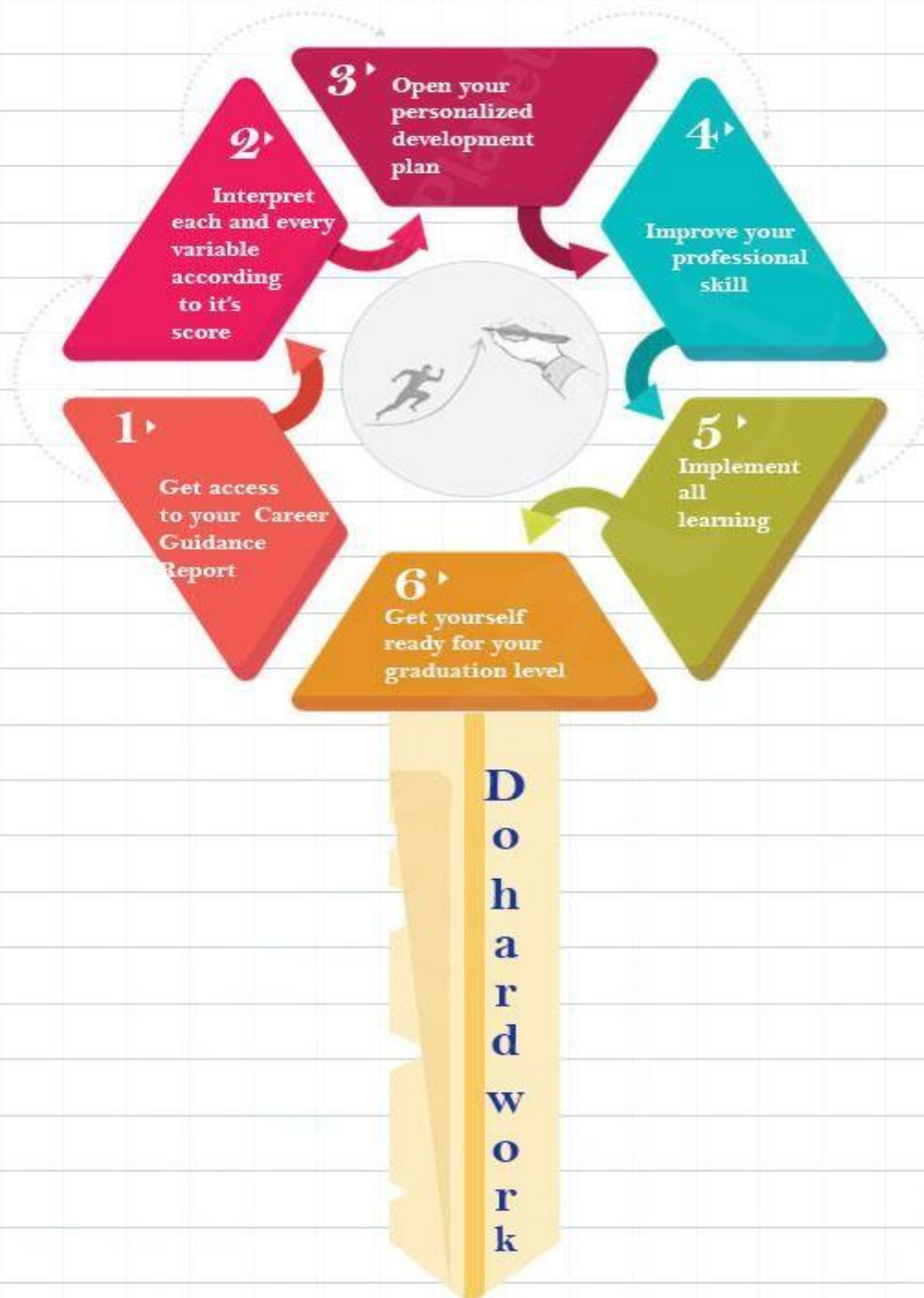


BRAINS PARK

Summary of Graphical Analysis



Development Plan





BRAINSPARK

PARENT SECTION:

- A. Understand your child, every child is different, and we need to understand the inclination of our child, and for that, we must expose them to various activities, let them be free and close to nature so that they can express their positivity.
- B. The realistic approach does not burden our child with our aspirations. What dreams we put on ourselves we put those dreams on our children, and we want them to do that irrespective of the fact whether they are capable and interested in doing that or not.
- C. Be parents, our children can have several friends in life, but they have got only one set of parents. We have to make them understand what is right or wrong and help them to learn skills which are necessary to survive in this world.
- D. Let your child learn from his/her experiences and do not overprotect them.
- E. A major issue with today's generation is their parents protect them too much which prevents a child from having some real-time experiences and learning. Let the child have negative experiences so that they can face the real world in the future.
- F. Your child should confide in you, if your child makes a mistake, you should be the first person to tell, and this can happen only when you understand your child when you do not burden him/her with ideologies which you think it should be.
- G. Do not be too much idealistic before them. Most of the time parents give unrealistic advice because they want to reflect an ideal image in front of the child. Today's environment needs a realistic representation of parents rather than idealistic.

