**Stream Selection report interpretation (sent on 8.11.2019)**

Dear Shravan,

Greetings from Univariety!

Thank you for sharing your stream selection report with us. The first biggest career decision that you face in life is choice of streams after class X. Choosing the right stream has a long lasting impact on a student’s future because the chosen stream would determine which path a student’s career would take. This report helps you understand your inclination towards a particular stream and identifies best stream on the basis of your aptitude, ability and interest.According to the report, best suited and most appropriate stream for you to take up is Science with Maths(PCM) and therefore you should consider it seriously. You have a very high aptitude and high interest for this stream.

The **aptitude** of an individual is neither the knowledge nor the understanding level, but the inherent capacity, talent or ability to perform a given task. Having a high aptitude for a ﬁeld means you are naturally good at doing that.

**Interest** is something you enjoy doing because you are passionate and enthusiastic about it. If we have interest in a particular process or work, we tend to have strong emotions for it, which enhances the probability of success as we are willing to give our hundred percent.

Considering only aptitude and no interest means that the person will be able to do the task but not for a prolonged period of time and considering only interest means that the person may or may not have the skills and abilities to do the task properly for which he or she is interested.

Please note that PCM or Science with Math stream consists of Physics, Chemistry, and Mathematics as subjects with English as a compulsory subject. There is a multitude of career options available after pursuing Science stream in Class 11-12.Mentioned below is the list of various career options that you can look at, in case you pursue Science with Math or PCM stream.

The course/career options that are listed below are into 2 categories. Category 1 is of those courses which are in direct relation to your subject stream – Science with Math. The Category 2 belongs to those courses which can be pursued if you divert yourself to Commerce or Humanities. You have the option of selecting a course which can belong to either category.

CATEGORY 1
1. Engineering
2. Architecture
3. B.Sc courses (Physics, Chemistry, Mathematics, Statistics etc)
4. Bachelor in Computer Application (BCA) & B.Sc in Computer Science
5. Pilot Training
6. Indian Maritime University
7. Defence services -  Army, Navy and Air Force
8. Food Technology
9. Product Design
10. Industrial Design
11. Automotive Design
12. Fashion Technology

CATEGORY - 2
1. Business Management
2. B.Com and B.Com (H)
3. Economics
4. Law
5. Art and Design
6. Media, Mass Communication and Journalism
7. Hospitality and Tourism
8. English and Linguistics
9. Humanities ( History, Geography, Sociology, Political Science, Philosophy, International Relations)

Your second best option is commerce as you have high aptitude and medium interest for it too. Commerce is based on the study of trade, finance, business activities, and the economy. Subjects offered in Commerce are Accountancy, Business studies, Economics and English as mandatory subjects. Thus, you should go for this stream if you are absolutely sure about your interest and aptitude for the subjects. There are a wide variety of career options you can pursue in the field of commerce. You can explore further career options at <https://www.univariety.com/app/career>

I hope this helps. In case you have more queries you could reach out to us through Umail or join us on chat once you log in to your student account.

Regards,

**1st Counseling conversation (Points of discussion shared on 10.05.2019)**

Student Aspiration –
Country – India
Course – Not decided

Students Confusions / Concerns / Questions – As you were extremely confused about your stream and career courses. You mentioned that you like the music and computer applications. You left the chat in midway.

Resolution- You have confusion in selecting stream in grade 11, I suggest you take Stream selection test, It will help in finding your strong and interesting subjects.
 As per your interest regarding computer application.
 Here is some detail about the BCA course
Bachelor in Computer Application (BCA) is an undergraduate degree course in computer applications. With the rapid growth of IT industry in India, the demand for computer professionals is increasing day by day. This increasing growth of the IT industry has created a lot of opportunities for computer graduates.
Bachelor in Computer Application (BCA) is one of the popular courses among the students who want to make their career in the IT (Information Technology) field. The duration of the course is 3 years and divided into 6 semesters. It comprises of the subjects like database, networking, data structure, core programming languages like ‘C’ and ‘java’. This course provides a lot of opportunities for students who are interested in the computer field and wants to work in the IT sector as a programmer or software developer.

Courses & Duration
The BCA is an undergraduate degree course in computer applications for the duration of 3 years. After completing BCA, a student can go for MCA which is a master course in computer application and is considered equivalent to engineering course (B.Tech).

The study period of BCA includes various subjects such as Programming in C Language (Basic and Advanced), Networking, World-Wide-Web, Data Structure, Advanced C Language Programming, Database Management, Mathematics, Software Engineering, Object Oriented Programming using C++, Visual Basic, Programming using PHP, JAVA, Oracle, Operating Systems, Web Scripting and Development, etc.

The course curriculum of BCA is somewhat similar to the course as a Bachelor of Technology (B.Tech).

Admission
Mostly, the admission to BCA course is done through the entrance test. Various Universities/Institutions conduct their own entrance exam for granting admission to their colleges. Some colleges provide admission on the basis of merit prepared by the score of qualifying examination (12th).

Scope
There is a huge scope in the field of BCA. One can do a job or can go for higher studies after the completion of the course.

Self-employment option is also available. You can do freelancing or develop your own software if you have that much skills. There are many software MNCs (Multi-National Companies) which provide job to the BCA graduates. If a candidate has a work experience and all the necessary required skills then he/she can hold good positions in MNCs.software MNCs (Multi-National Companies) which provide job to the BCA graduates. If a candidate has a work experience and all the necessary required skills then he/she can hold good positions in MNCs.

Here's the list of India's best BCA colleges
Symbiosis Institute of Computer Studies & Research (SICSR) ...
Department of Computer Science, Christ University. ...
Loyola College. ...
Amity Institute of Information Technology. ...
Kristu Jayanti College. ...
Women's Christian College. ...
St. Joseph's College. ...
Stella Maris College.
Please visit the given link for top colleges in India
https://www.univariety.com/india/top-bca-colleges-in-india

After BCA you can pursue masters in following
Master of Computer Applications (MCA)
Master’s Degree in Information Management (MIM)
Masters in Computer Management (MCM)
Post Graduate Program in Corporate Studies (PGPCS)
Information Security Management (ISM)
Master of Business Administration (MBA)

Your wished career is Music as well please visit the link for top colleges in India https://www.univariety.com/india/top-music-colleges-in-india

 Recommendation / Tasks –.  I suggest a stream selection test. You must explore career options https://www.univariety.com/app/career. You read up on the given detail about BCA course.

Immediate focus area- As are in grade 10, You must explore more career options and you also need to concentrate on building your profile. Also, please login to the Univariety chat to speak to the counselor and clarify your doubts that arise in this process.

**2nd Counseling conversation (Points of discussion shared on 21.09.2019)**

Hi Mr.Govindanarayana,

It was nice talking to you today regarding Shravan's career plans.

As per his interest in PCM and engineering.

Let me guide you on PCM career options- Science students, especially PCM students are eligible to pursue almost every option available at the undergraduate stage. You can even steer towards fields in Commerce, Humanities, Law, Media and Mass Communication, Art & Design, Journalism after completing class 12.
As per your 2nd best stream Humanities, I can see that you have high interest in Humanities, but very less aptitude, please understand that your interest and aptitude both should match and if you choose PCM you can choose Humanities courses, but if you choose Humanities you cannot choose PCM Courses.
Let me explain to you the major career options you have-

1. Engineering - There are many branches of Engineering that you can consider, eg, Mechanical, Chemical, Computer, Electronics & Electrical, Environmental, etc. You can refer to the link below to view different branches available in Engineering - https://www.univariety.com/app/career/index

2. Bachelor in Computer Application (BCA) - If you are interested in Computers and programming, you should opt for any of these courses.  You will be studying various computer programming languages in this course and concepts like Database Management, Management Information System, Internet Security & Cyber laws and Multimedia. After pursuing this course, you can opt for a Masters in Computer Application (MCA) and then work in the IT sector.

3. Pilot Training Course - If you have a passion to fly air craft’s, you can take admission in a pilot training institute. Once you complete your course, you will be supposed to furnish a minimum number of hours of aircraft flying to get a Commercial Pilot License from the Directorate General of Civil Aviation (DGCA). Once you get this license, you will be eligible to work as a pilot in companies like Jet Airways, Indigo, Spice Jet, Air India etc.

4. Indian Maritime University (IMU) - If working on a ship or a cruise fascinates you, in that case, you can pursue courses like Marine Engineering, Nautical Science, Ship Building, and Repair. For that, you need to appear for the IMU Common Entrance Test (IMU CET) and gain entry in institutes affiliated with this university. Pass outs can avail numerous opportunities, both on ships and offshore.

5. Bachelor in Architecture (B. Arch) - The study of B. Arch also deals with ultimate planning techniques. A planner deals with the planning that is a must for certain human settlements. Planning is the ultimate thing for the success of any event and that shows the significance of a planner. The working areas include metropolitan cities as well as small congested towns, cities & also villages.

6. Other courses that PCM stream students can opt for are –
Fashion Designing
Army (National Defence Academy)
Hotel Management
Tourism
B.Sc. in any Non-Medical Field (eg. physics, chemistry, etc.)
As mentioned earlier the science students are eligible to take up humanities and commerce related courses as well after 12th.

You can find this webinar video for more alternate career options other than engineering - https://www.univariety.com/app/webinar/watch\_event?event=2471396863217448707
Hope this helps you.

Do write to us for more.

Cheers!
Team Univariety