***Higher Secondary Certificate (HSC)***

## In our country, After 10 years of schooling at the primary and secondary level, students who succeed in passing the [Secondary School Certificate](https://en.wikipedia.org/wiki/Secondary_School_Certificate) (SSC) examination have the option of joining a college for a two-year higher secondary education in respective areas of specialization or enrolling in a technical or polytechnic institute.After the two-year higher secondary education based on the [national curriculum](https://en.wikipedia.org/wiki/National_Curriculum_and_Textbook_Board), students will sit the Higher Secondary Certificate public examination conducted by the education boards.

***Grading System In Bangladesh***

|  |  |  |
| --- | --- | --- |
| Marks | Grade | Gpa |
| 80-100 | A+ | 5.00 |
| 70-79 | A | 4.00 |
| 60-69 | A- | 3.50 |
| 50-59 | B | 3.00 |
| 40-49 | C | 2.00 |
| 33-39 | D | 1.00 |
| 00-32 | F | 00 |
|  |  |  |

| **Subject Name** | **Subjective** | **Objective** | **Practical** | **Total** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| Bangla 1/2 | 70/100 | 30/0 | 0 | 100 |
| English1/2 | 100/100 | 0 | 0 | 100 |
| Information and Communication Technology | 50 | 25 | 25 | 100 |
| **Physics1/2** | **50/50** | **25/25** | **25/25** | 100 |
| Chemistry1/2 | **50/50** | **25/25** | **25/25** | 100 |
| Biology1/2 | **50/50** | **25/25** | **25/25** | 100 |
| Higher Mathematics1/2 | **50/50** | **25/25** | **25/25** | 100 |

Instruction 1:

1. Each subject\_marks take as input
2. Find out the grade point and grade of each subject
   1. For bangla, english, physics, chemistry, biology and highermats– Calculate the average firstly and then find out the grade

Notes:

1. If any number is below zero or above the limit (51,101) – invalid number dekhabe
2. If any subject fails – overall result will be fail
3. After finding the grade and gpa of each subject, calculate the overall grade and gpa.

***2014-2023 HSC Result Analysis***

# 2014 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1113612 |
| Total Passed | 872234 |
| Total Failed | 241378 |
| Total A+ | 69613 |
| Pass Rate | 78.32% |
| Fail Rate | 21.68% |
| A+ Rate | 6.25% |
| Total Institutes | 7852 |
| Top Institute | Notre Dame DhakaAPP:2590PASS:2586A+:2046 |
| Top Board | DhakaPass Rate:85.52%A+ Rate:12.36% |

# 2015 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1057579 |
| Total Passed | 736754 |
| Total Failed | 320825 |
| Total A+ | 42762 |
| Pass Rate | 69.66% |
| Fail Rate | 30.34% |
| A+ Rate | 4.04% |
| Total Institutes | 8260 |
| Top Institute | Notre Dame DhakaAPP:2565PASS:2545A+:1642 |
| Top Board | MADRASHA(PASS RATE:90.2%)DHAKA(A+ RATE:8.02%) |

# 2016 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1200998 |
| Total Passed | 897741 |
| Total Failed | 303257 |
| Total A+ | 58557 |
| Pass Rate | 74.75% |
| Fail Rate | 25.25% |
| A+ Rate | 4.88% |
| Total Institutes | 8483 |
| Top Institute | Notre Dame DhakaAPP:2628PASS:2575A+:1673 |
| Top Board | MADRASHA(PASS RATE:88.25%)DHAKA(A+ RATE:9.6%) |

# 2017 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1165555 |
| Total Passed | 799384 |
| Total Failed | 366171 |
| Total A+ | 37998 |
| Pass Rate | 68.58% |
| Fail Rate | 31.42% |
| A+ Rate | 3.26% |
| Total Institutes | 8743 |
| Top Institute | Notre Dame DhakaAPP:3077PASS:3054A+:2063 |
| Top Board | TECHNICAL(PASS RATE:81.44%)DHAKA(A+ RATE:6.59%) |

# 2018 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1296814 |
| Total Passed | 859568 |
| Total Failed | 437246 |
| Total A+ | 30798 |
| Pass Rate | 66.28% |
| Fail Rate | 33.72% |
| A+ Rate | 2.37% |
| Total Institutes | 8862 |
| Top Institute | Notre Dame DhakaAPP:3085PASS:3054A+:2074 |
| Top Board | MADRASHA(PASS RATE:78.69%)DHAKA(A+ RATE:4.18%) |

# 2019 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1333999 |
| Total Passed | 989623 |
| Total Failed | 344376 |
| Total A+ | 47821 |
| Pass Rate | 74.18% |
| Fail Rate | 25.82% |
| A+ Rate | 3.58% |
| Total Institutes | 8889 |
| Top Institute | Notre Dame DhakaAPP:3161PASS:3150A+:2253 |
| Top Board | MADRASHA (PASS RATE:88.57%)DHAKA(A+ RATE:5.37%) |

# 2020 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1294390 |
| Total Passed | 1294000 |
| Total Failed | 390 |
| Total A+ | 156113 |
| Pass Rate | 99.97% |
| Fail Rate | 0.03% |
| A+ Rate | 12.06% |
| Total Institutes | 8583 |
| Top Institute | Notre Dame DhakaAPP:3170PASS:3170A+:2552 |
| Top Board | RAJSHAHI (PASS RATE:100%)DHAKA(A+ RATE:17.77%) |

# 2021 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1218260 |
| Total Passed | 1163352 |
| Total Failed | 54908 |
| Total A+ | 183023 |
| Pass Rate | 95.49% |
| Fail Rate | 4.51% |
| A+ Rate | 15.02% |
| Total Institutes | 7208 |
| Top Institute | Notre Dame DhakaAPP:3239PASS:3237A+:2830 |
| Top Board | JESSORE (PASS RATE:97.85%)RAJSHAHI(A+ RATE:22.29%) |

# 2022 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1187062 |
| Total Passed | 1012766 |
| Total Failed | 174296 |
| Total A+ | 178424 |
| Pass Rate | 85.32% |
| Fail Rate | 14.68% |
| A+ Rate | 15.03% |
| Total Institutes | 9121 |
| Top Institute | Notre Dame DhakaAPP:3230PASS:3226A+:2901 |
| Top Board | MADRASHA (PASS RATE:92.56%)DHAKA(A+ RATE:22.54%) |

# 2023 HSC Result

|  |  |
| --- | --- |
| Total Appeared | 1363336 |
| Total Passed | 1062456 |
| Total Failed | 300880 |
| Total A+ | 92611 |
| Pass Rate | 77.93% |
| Fail Rate | 22.07% |
| A+ Rate | 6.79% |
| Total Institutes | 9140 |
| Top Institute | Notre Dame DhakaAPP:3208PASS:3194A+:2520 |
| Top Board | MADRASHA (PASS RATE:90.75%)DHAKA(A+ RATE:10.1%) |

Subject List

| **Subject Name** | **Subjective** | **Objective** | **Practical** | **Total** |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
| Bangla 1/2 | 70/100 | 30/0 | 0 | 100 |
| English1/2 | 100/100 | 0 | 0 | 100 |
| Information and Communication Technology | 50 | 25 | 25 | 100 |
| **Physics1/2** | **50/50** | **25/25** | **25/25** | 100 |
| Chemistry1/2 | **50/50** | **25/25** | **25/25** | 100 |
| Biology1/2 | **50/50** | **25/25** | **25/25** | 100 |
| Higher Mathematics1/2 | **50/50** | **25/25** | **25/25** | 100 |