

29 SEP 2006

Special Post

# इन्दिरा गांधी राष्ट्रीय मुक्त विश्वविद्यालय INDIRA GANDHI NATIONAL OPEN UNIVERSITY

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GRAMS : IGNOU, FAX : 91-011-29534429

STUDENT REGISTRATION &amp; EVALUATION

F.No.IG/SRE-Ex.III/GPA-200

September 23, 2006

Dr. Srikant Mohapatra  
Registrar

① ignouddn.org  
② ignou.ac.in

12.10.2008

All the Regional Directors  
IGNOU Regional Centres (including Sub-Centres)

Rg Dehradun 100 site  
जामा

Conversation of Grade to mark

Sub: Grade Point Average (GPA) to Percentage Conversion (PC)  
across the Programmes of the University -- reg.  
Ref: Resolution No.ACSC 19.6.3 of the Academic Council's Standing  
Committee at its 19<sup>th</sup> meeting held on 19.06.2006.

Dear Sir/Madam,

As you are aware, the University follows a five point grading system for its various Programmes keeping in conformity with the philosophy of Open and Distance Learning. Though the evaluation in majority of the Programmes is done as per the grading system along with the letter grades, the range of percentage equivalence marks are also given in the grade card, as mentioned in the Table below:

| Letter Grade | Point Grade | Range          | Percentage Equivalence |
|--------------|-------------|----------------|------------------------|
| 1.           | 2.          | 3.             | 4.                     |
| A            | 5           | 4.50 and above | 80% and above          |
| B            | 4           | 3.50 to 4.49   | 60% to 79.9%           |
| C            | 3           | 2.50 to 3.49   | 50% to 59.9%           |
| D            | 2           | 1.50 to 2.49   | 40% to 49.9%           |
| E            | 1           | 0 to 1.49      | Below 40%              |

2. To facilitate students to move to conventional institutions for higher studies based on the actual percentage of marks obtained by them in IGNOU Programmes, a conversion form from GPA to Percentage equivalence has been worked out, which was considered and approved by the Academic Council's Standing Committee at its 19<sup>th</sup> meeting held on 19.06.2006. The conversion table approved by the ACSC is enclosed as Appendix-I. It is pertinent to mention that at the junction points of Grades and Percentages indicated in Appendix-I, slight adjustment has been made by rounding off to the next point as given below:

| Grade point | Corresponding Point Conversion (exact) | Next round off point taken (to be in conformity with the percentage equivalence given in col.no.4 of the Table above) |
|-------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| x           | y                                      |                                                                                                                       |
| 3.49        | 59.87%                                 | 59.90%                                                                                                                |
| 3.50        | 59.99%                                 | 60.00%                                                                                                                |
| 4.49        | 79.66%                                 | 79.90%                                                                                                                |
| 4.50        | 79.97%                                 | 80.00%                                                                                                                |

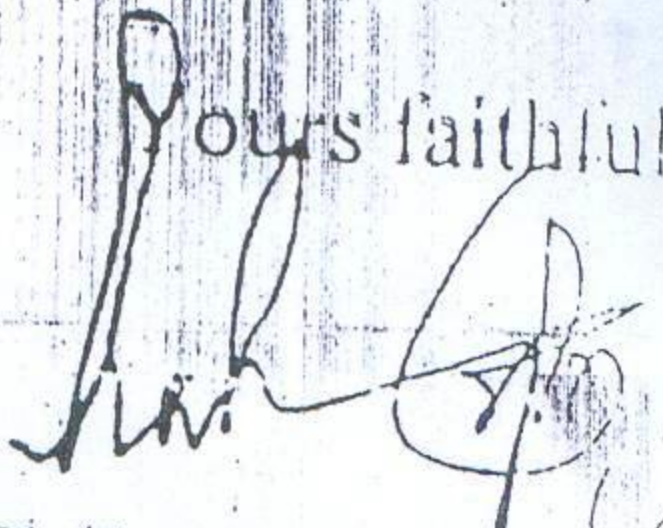


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(P.1)



3. This is brought to the notice of RDs, so that they may issue Certificate letterhead whenever students/organisations make specific written request for conversion of Cumulative Grade Point Average (CGPA) to Percentage Equivalence.

Yours faithfully  
  
(Srikanth Mohan)

Encl: Appendix-I

- c.c:
1. Director, ACD – for information and record.
  2. Directors of all Schools of Studies
  3. Director, RSD/ Nodal Officer, NEP
  4. Director, International Div.
  5. Regional Director, SSC
  6. CPRO
  7. DR, VCO
  8. DR, Exam-II/ SE(G)/ DPA
  9. All Officers in SRED



## 1.1.2. Conversion Formula of Grade into Percentage

$$y = -62.5 + 99.167x - 30x^2 + 3.333x^3$$

Where :-

x = Cumulative Grade Point Average (CGPA)

y = Equivalent percentage in respect of above Grade Point

Example: - Let CGPA = 3.66, then (If total grade of any student is 3.66 then)

$$y = -62.5 + 99.167 \times 3.66 - 30 \times 3.66^2 + 3.333 \times 3.66^3$$

$$y = -62.5 + 362.95 - 401.87 + 163.41$$

$$= 61.99\%$$

**CGPA = 3.66 Corresponding % = 61.99% (Comparative Percentage)**

## Procedure for Conversion of IGNOU Grade Point into Percentage into marks obtained Formula :-

Maximum marks in IGNOU B.Ed.

1100

Formula for conversion of Grade Point into percentage

$$y = -62.5 + 99.167x - 30x^2 + 3.333x^3$$

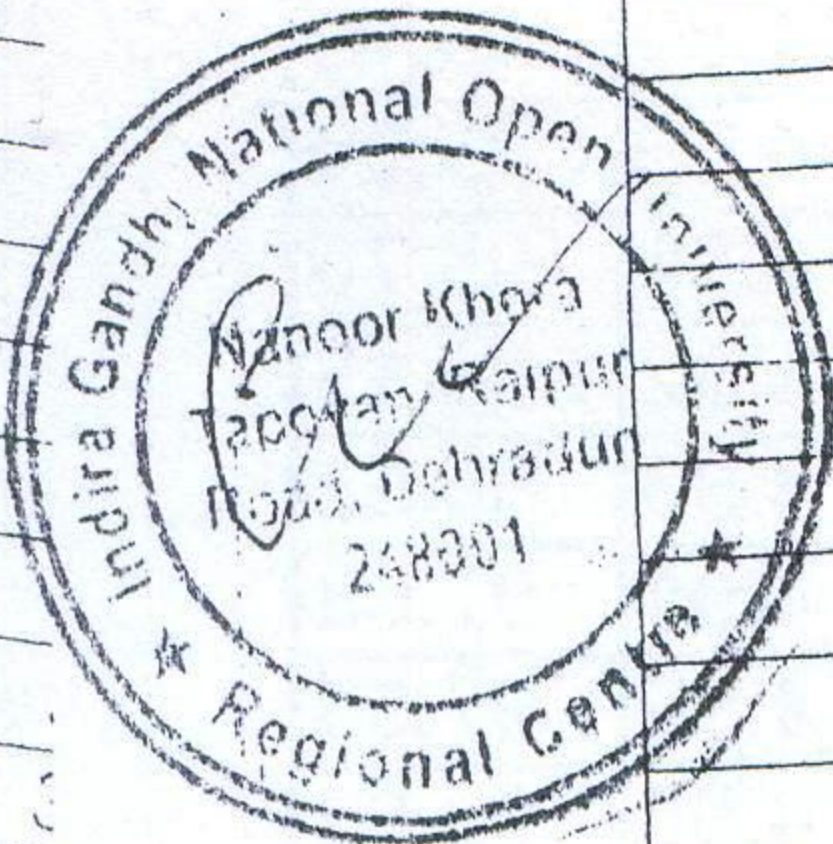
Example :-

Grade Point (x)      Corresponding Percentage (y)      Marks obtained = Percentage of marks x 11

Value of X = 3.78      Value of y = 63.72%      Marks obtained = 63.72 x 11 = 700.92

**Table : Conversion of Grade Point into Percentage of Marks**

| Maximum marks |                  | 1100           | Maximum marks |                  | 1100           |
|---------------|------------------|----------------|---------------|------------------|----------------|
| Grade Point   | Percentage Marks | Marks obtained | Grade Point   | Percentage Marks | Marks obtained |
| 2.5           | 50.00            | 549.95         | 3.75          | 63.26            | 695.91         |
| 2.51          | 50.11            | 551.23         | 3.76          | 63.41            | 697.55         |
| 2.52          | 50.23            | 552.50         | 3.77          | 63.56            | 699.20         |
| 2.53          | 50.34            | 553.75         | 3.78          | 63.72            | 700.87         |
| 2.54          | 50.45            | 555.00         | 3.79          | 63.87            | 702.55         |
| 2.55          | 50.57            | 556.23         | 3.8           | 64.02            | 704.25         |
| 2.56          | 50.68            | 557.46         | 3.81          | 64.18            | 705.97         |
| 2.57          | 50.79            | 558.67         | 3.82          | 64.34            | 707.71         |
| 2.58          | 50.90            | 559.88         | 3.83          | 64.50            | 709.47         |
| 2.59          | 51.01            | 561.08         | 3.84          | 64.66            | 711.24         |
| 2.6           | 51.12            | 562.27         | 3.85          | 64.82            | 713.03         |
| 2.61          | 51.22            | 563.44         | 3.86          | 64.99            | 714.84         |
| 2.62          | 51.33            | 564.62         | 3.87          | 65.15            | 716.67         |
| 2.63          | 51.43            | 565.78         | 3.88          | 65.32            | 718.52         |
| 2.64          | 51.54            | 566.93         | 3.89          | 65.49            | 720.39         |
| 2.65          | 51.64            | 568.08         | 3.9           | 65.66            | 722.28         |
| 2.66          | 51.75            | 569.22         | 3.91          | 65.83            | 724.18         |
| 2.67          | 51.85            | 570.35         | 3.92          | 66.01            | 726.11         |
| 2.68          | 51.95            | 571.47         | 3.93          | 66.19            | 728.06         |
| 2.69          | 52.05            | 572.59         | 3.94          | 66.37            | 730.03         |



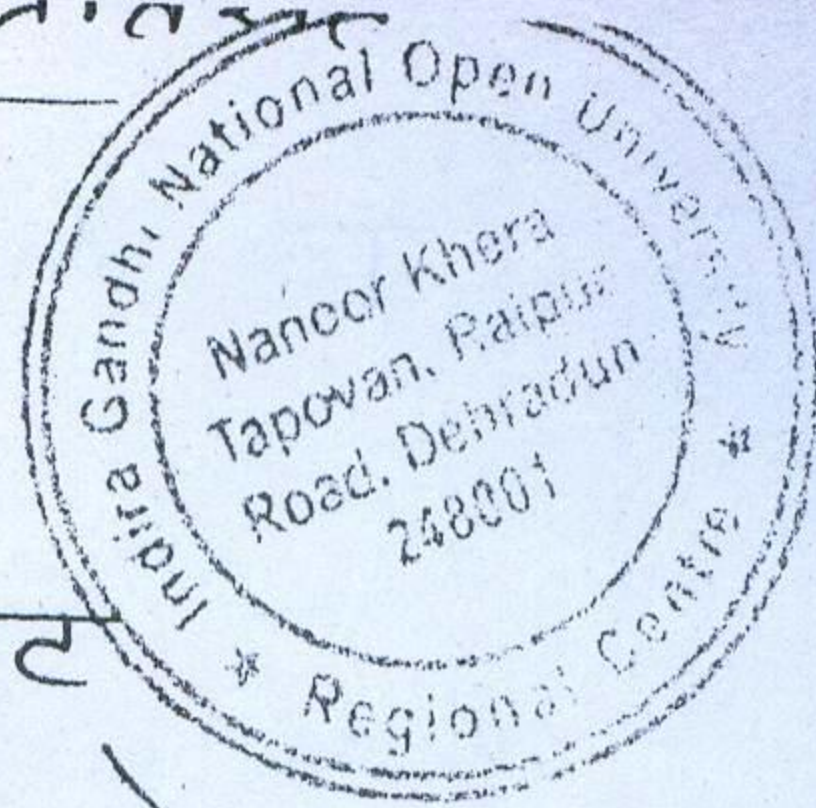


**Table for Conversion of CGPA into % marks for IGNOU B.ED.**

| Grade | %     | Grade | %     | Grade | %     | Grade | %     | Grade | %     |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2.50  | 50.00 | 3.00  | 54.99 | 3.50  | 60.00 | 4.00  | 67.48 | 4.50  | 80.00 |
| 2.51  | 50.11 | 3.01  | 55.08 | 3.51  | 60.10 | 4.01  | 67.67 | 4.51  | 80.29 |
| 2.52  | 50.23 | 3.02  | 55.18 | 3.52  | 60.22 | 4.02  | 67.87 | 4.52  | 80.61 |
| 2.53  | 50.34 | 3.03  | 55.27 | 3.53  | 60.34 | 4.03  | 68.06 | 4.53  | 80.93 |
| 2.54  | 50.45 | 3.04  | 55.36 | 3.54  | 60.46 | 4.04  | 68.26 | 4.54  | 81.26 |
| 2.55  | 50.57 | 3.05  | 55.45 | 3.55  | 60.58 | 4.05  | 68.46 | 4.55  | 81.59 |
| 2.56  | 50.68 | 3.06  | 55.54 | 3.56  | 60.70 | 4.06  | 68.67 | 4.56  | 81.92 |
| 2.57  | 50.79 | 3.07  | 55.63 | 3.57  | 60.83 | 4.07  | 68.87 | 4.57  | 82.26 |
| 2.58  | 50.90 | 3.08  | 55.73 | 3.58  | 60.95 | 4.08  | 69.08 | 4.58  | 82.60 |
| 2.59  | 51.01 | 3.09  | 55.82 | 3.59  | 61.08 | 4.09  | 69.29 | 4.59  | 82.94 |
| 2.60  | 51.12 | 3.10  | 55.91 | 3.60  | 61.21 | 4.10  | 69.50 | 4.60  | 83.29 |
| 2.61  | 51.22 | 3.11  | 56.00 | 3.61  | 61.33 | 4.11  | 69.71 | 4.61  | 83.64 |
| 2.62  | 51.33 | 3.12  | 56.10 | 3.62  | 61.46 | 4.12  | 69.93 | 4.62  | 83.99 |
| 2.63  | 51.43 | 3.13  | 56.19 | 3.63  | 61.59 | 4.13  | 70.15 | 4.63  | 84.35 |
| 2.64  | 51.54 | 3.14  | 56.28 | 3.64  | 61.73 | 4.14  | 70.37 | 4.64  | 84.70 |
| 2.65  | 51.64 | 3.15  | 56.38 | 3.65  | 61.86 | 4.15  | 70.59 | 4.65  | 85.07 |
| 2.66  | 51.75 | 3.16  | 56.47 | 3.66  | 61.99 | 4.16  | 70.81 | 4.66  | 85.43 |
| 2.67  | 51.85 | 3.17  | 56.57 | 3.67  | 62.13 | 4.17  | 71.04 | 4.67  | 85.80 |
| 2.68  | 51.95 | 3.18  | 56.66 | 3.68  | 62.27 | 4.18  | 71.27 | 4.68  | 86.17 |
| 2.69  | 52.05 | 3.19  | 56.75 | 3.69  | 62.40 | 4.19  | 71.50 | 4.69  | 86.55 |
| 2.70  | 52.15 | 3.20  | 56.85 | 3.70  | 62.54 | 4.20  | 71.74 | 4.70  | 86.93 |
| 2.71  | 52.25 | 3.21  | 56.95 | 3.71  | 62.69 | 4.21  | 71.97 | 4.71  | 87.31 |
| 2.72  | 52.35 | 3.22  | 57.04 | 3.72  | 62.83 | 4.22  | 72.21 | 4.72  | 87.69 |
| 2.73  | 52.45 | 3.23  | 57.14 | 3.73  | 62.97 | 4.23  | 72.45 | 4.73  | 88.08 |
| 2.74  | 52.55 | 3.24  | 57.24 | 3.74  | 63.12 | 4.24  | 72.70 | 4.74  | 88.48 |
| 2.75  | 52.65 | 3.25  | 57.33 | 3.75  | 63.26 | 4.25  | 72.94 | 4.75  | 88.87 |
| 2.76  | 52.75 | 3.26  | 57.43 | 3.76  | 63.41 | 4.26  | 73.19 | 4.76  | 89.27 |
| 2.77  | 52.84 | 3.27  | 57.53 | 3.77  | 63.56 | 4.27  | 73.45 | 4.77  | 89.67 |
| 2.78  | 52.94 | 3.28  | 57.63 | 3.78  | 63.72 | 4.28  | 73.70 | 4.78  | 90.08 |
| 2.79  | 53.04 | 3.29  | 57.73 | 3.79  | 63.87 | 4.29  | 73.96 | 4.79  | 90.49 |
| 2.80  | 53.13 | 3.30  | 57.83 | 3.80  | 64.02 | 4.30  | 74.21 | 4.80  | 90.90 |
| 2.81  | 53.23 | 3.31  | 57.93 | 3.81  | 64.18 | 4.31  | 74.48 | 4.81  | 91.32 |
| 2.82  | 53.32 | 3.32  | 58.03 | 3.82  | 64.34 | 4.32  | 74.74 | 4.82  | 91.74 |
| 2.83  | 53.42 | 3.33  | 58.13 | 3.83  | 64.50 | 4.33  | 75.01 | 4.83  | 92.17 |
| 2.84  | 53.51 | 3.34  | 58.24 | 3.84  | 64.66 | 4.34  | 75.28 | 4.84  | 92.60 |
| 2.85  | 53.61 | 3.35  | 58.34 | 3.85  | 64.82 | 4.35  | 75.55 | 4.85  | 93.03 |
| 2.86  | 53.70 | 3.36  | 58.44 | 3.86  | 64.99 | 4.36  | 75.83 | 4.86  | 93.46 |
| 2.87  | 53.79 | 3.37  | 58.55 | 3.87  | 65.15 | 4.37  | 76.10 | 4.87  | 93.90 |
| 2.88  | 53.89 | 3.38  | 58.65 | 3.88  | 65.32 | 4.38  | 76.38 | 4.88  | 94.35 |
| 2.89  | 53.98 | 3.39  | 58.76 | 3.89  | 65.49 | 4.39  | 76.67 | 4.89  | 94.79 |



इग्नू बी.एड. की मार्कशीट से ध्यान व प्रकल्प का 1103  
व प्राप्तांकों की गणना करना



प्रिय शिक्षार्थी,

सर्वप्रथम आप यह चेक करें कि आपकी मार्कशीट 13 विषयों वाली है या 11 विषयों वाली। सन् 2009 से पहले प्रवेश लेने वाले शिक्षार्थियों की मार्कशीट में 11 विषय हैं। जबकि 2009 व उसके बाद प्रवेश लेने वाले शिक्षार्थियों के कुल 13 विषय हैं। अब अपनी मार्कशीट के अनुसार आप प्राप्तांकों की गणना करें।

A- कुल 13 विषय वाली मार्कशीट हेतु निम्नलिखित steps

का अनुसरण करें-

- (i)-आप अपनी मार्कशीट के second last कॉलम में दिये गये ग्रेड प्वाइन्ट को देखें जो 2.4, 3.0, 3.6, 4.3, 5.0 जैसे होते हैं।
- (ii)- आप ऊपर के 10 विषयों जो कि Theory Course हैं के ग्रेड प्वाइन्ट का योग करें व उसमें 10 का भाग देकर औसत ग्रेड की गणना कर लें।
- (iii)- औसत ग्रेड को दी गयी Conversion Table की सहायता से उसके समतुल्य प्रतिशत अंक में convert कर लें। यही आपके Theory Papers का प्रतिशत है।
- (iv) उपरोक्त समतुल्य प्रतिशत को 10 से गुणा करके आपके Theory के प्राप्तांक प्राप्त हो जायेंगे जबकि पूर्णक 1000 है।
- (v) बिंदु (ii) में उल्लेखित 10 Theory Courses के नीचे तीन Practical Courses दिये हैं जिनके कोड हैं- ES-381, ES-382 व ES-383। आप इन तीनों विषयों के सम्मुख दिये ग्रेड प्वाइन्ट्स का योग करें व 3 से भाग देकर औसत ग्रेड की गणना कर लें।
- (vi) बिंदु (iii) के अनुसार आप Conversion Table की सहायता से Practical के औसत ग्रेड से उसके समतुल्य प्रतिशत की गणना कर सकते हैं।
- (vii) Practical के समतुल्य प्रतिशत में 3 का गुणा कर आप Practical Courses का प्राप्तांक निकाल सकते हैं जबकि Practical का पूर्णक 300 है।

इस प्रकार बिंदु (iv) व (vii) के अनुसार आप Theory व Practical के प्राप्तांकों की गणना कर सकते हैं।



B. कुल 11 विषय वाली मार्कशीट हेतु निम्नलिखित steps का अनुसरण करें -

- (i) जिस प्रकार 13 विषय वाली मार्कशीट में 10 Theory के व 3 Practical के Courses थे उसी प्रकार 11 विषय वाली मार्कशीट में 8 Theory व 3 Practical के Courses होते हैं।
- (ii) आप मार्कशीट में दिये गये 8 Theory Courses के ग्रेड प्वाइंट को जोड़कर उसमें 8 का भाग देकर औसत ग्रेड प्वाइंट की गणना करें व Conversion table से समतुल्य प्रतिशत ढूँढें।
- (iii) समतुल्य प्रतिशत में 8 का गुण कर आप Theory के प्राप्तांक निकालें जबकि Theory का पूर्णांक 800 है।
- (iv) Practical Courses के प्रतिशत व प्राप्तांक जानने हेतु 13 विषयों वाले Section में बिन्दु (V), (VI) व (VII) के अनुसार समतुल्य प्रतिशत व Practical के प्राप्तांक की गणना करें। 11 विषय वाली मार्कशीट में भी Practical के 3 ही विषय हैं (ES-381, ES-382 व ES-383) व पूर्णांक 300 ही है।

उपरोक्त गणनाओं शिक्षार्थी स्वयं कर सकते हैं।

