



RAIGANJ UNIVERSITY DEPARTMENT OF PHYSICS

Modalities of terminal/final semester/year examination UG & PG 2020

As per the instructions of Raiganj University and the decision of BOS of the Department of Physics dated 17.09.2020 the following modalities have been formulated.

1. UG and PG students will get the question paper in a link or google form or as an attachment in their respective e-mail IDs, one hour before the commencement of the examination as per the examination schedule. After completion of the examination, scan, or take a snap of your answer script, must convert it to PDF and check the readability of your own script. Then send it to the email provided in the question papers or from where you have received the question paper.
2. In this COVID19 pandemic situation, there is a limited capacity of sitting arrangement. Therefore, students, those who are willing to appear in the offline examination due to technical issues (like Mobile network connectivity, Smartphone, etc.), they need to inform the Department one week before the examination (contact details are mentioned at Sl. No. 10.)
3. Question papers would be available one hour before the scheduled time and for submission of answer scripts maximum, one hour is permitted after the scheduled time.
4. The examination would be conducted as 80% marks of the total marks of a paper and marks obtained from recently held examination (out of 20% marks of the total marks) would be credited.
5. The question pattern would be like-
 - a. MCQ type
 - b. Short Question type
 - c. Only mathematical Problem type
 - d. Mathematical Design type/ modeling type
 - e. Descriptive type with mathematical calculation but limited to 250 words
6. The front page of the answer booklet will be provided by the University and students have to arrange the rest required page for writing the answer. It is further informed to the students that they have to put their signature on each and every page with the date.

7. The program schedule of the terminal examination of UG and PG 2020.

| Date | U.G. Programme Course | | U.G. Honours | U.G. General (1+1+1) | PG |
|------------|---|---|--|-------------------------|---|
| | B.Sc. | | B.Sc. (H) | B.Sc. | M. Sc |
| | Commencement Time: 10 am | Commencement Time: 1 pm | Commencement Time: 10 am | Commencement Time: 1 pm | Commencement Time: 1 pm |
| 01.10.2020 | SEC-4 (6th Sem.): PHSSEC-4 | | Core-XIII (6th Sem.): Electromagnetic Theory / Course - XIII : Solid State Physics & GTR | Paper-VII | Course XVII : General Relativity & Astrophysics |
| 03.10.2020 | DSE-2 (6th Sem.): PHSDSE-2 | | Core-14 (6th Sem.) : Statistical Mechanics/ Course - XIV : Quantum Mechanics | Paper-VIII | Course XVIII : Special Paper I |
| 04.10.2020 | Back in 2nd Sem. DSC-2 : PHSDSC-2 (Physics) | Back in 4th Sem. DSC-4 PHSDSC-4 (Physics) | DSE-3 (6th Sem.) : Nuclear and Particle Physics/ Course -XV : Electronics-II | | |
| 05.10.2020 | | | DSE-4 (6th Sem.) : Astronomy and Astrophysics/ Course -XVI : Electronics Laboratory | | PG BACK IN 2ND SEM : PHYM-2103 : Quantum Mechanics |
| 06.10.2020 | | | | | Course XIX : Special Paper II |
| 08.10.2020 | | | | | Course XX : Laboratory Course IV (Exam commencement time 11 AM) |
| 09.10.2020 | | | Back in 2nd Sem. GE-2 : PHSGE-2 for MTMH students | | PG BACK IN 2ND SEM : PHYM-2101 : Electrodynamics |
| 10.10.2020 | | | | | Project/ Field Studies/ Book Reviews (10 am onwards) |
| 14.10.2020 | | | Back in 4th Sem. GE-4 : PHSGE-4 for MTMH students | | |

8.

(A) Mark distribution of terminal examination of PG 2020.

| Course | Paper | Total Marks | 20% Marks (*) | 80% Marks (#) |
|------------------------|--|-------------|---------------|---------------|
| PG 4 th Sem | Course - XVII: General Relativity & Astrophysics | 50 | 10 | 40 |
| PG 4 th Sem | Course - XVIII: Special Paper I | 75 | 15 | 60 |
| PG 4 th Sem | Course - XIX: Special Paper II | 75 | 15 | 60 |
| PG 4 th Sem | Course - XX: Laboratory Course IV | 100 | 20 | 80 |
| PG 4 th Sem | Project/ Field Studies/ Book Reviews | 100 | 20 | 80 |
| Net total | | 400 | 80 | 320 |

*Examination completed and marks already credited to students.

Examination going to be held.

(B) Mark distribution of terminal examination of PG 2020 for back students (2nd sem.)

| Course | Paper | Total Marks | 20% Marks (*) | 80% Marks (#) |
|--------------------|------------------------------|-------------|---------------|---------------|
| PG BACK IN 2ND SEM | PHYM-2103: Quantum Mechanics | 50 | 10 | 40 |
| PG BACK IN 2ND SEM | PHYM-2101: Electrodynamics | 50 | 10 | 40 |
| Net total | | 100 | 20 | 80 |

9.

(A) Mark (A) Mark distribution of terminal examination of UG 2020.

| Course | Paper | Total Marks (Pr+The+Int.) | 20% Marks (*) | 80% Marks (#) |
|------------------------|-------------------------------------|---------------------------|---------------|---------------|
| UG 6 th Sem | Core-XIII: Electromagnetic Theory | 20+30+10=60 | 12 | 48 |
| UG 6 th Sem | Core-XIV: Statistical Mechanics | 20+30+10=60 | 12 | 48 |
| UG 6 th Sem | DSE-3: Nuclear and Particle Physics | 20+30+10=60 | 12 | 48 |
| UG 6 th Sem | DSE-4: Astronomy and Astrophysics | 60 | 12 | 48 |
| Net total | | 240 | 48 | 192 |

*Examination completed and marks already credited to students.

Examination going to be held.

(B) Mark distribution of terminal examination of UG 2020 (old syllabus)

| Course | Paper | Total Marks | 20% Marks (*) | 80% Marks (#) |
|------------------------|--|-------------|---------------|---------------|
| UG 6 th Sem | Course - XIII: Solid State Physics & GTR | 50 | 10 | 40 |
| UG 6 th Sem | Course - XIV: Quantum Mechanics | 50 | 10 | 40 |
| UG 6 th Sem | Course - XV: Electronics-II | 50 | 10 | 40 |
| UG 6 th Sem | Course - XVI: Electronics Laboratory | 50 | 10 | 40 |
| Net total | | 200 | 40 | 160 |

*Examination completed and marks already credited to students.

Examination going to be held.

(C) Mark distribution of terminal examination of UG 2020 (Back in GE)

| Course | Paper | Total Marks | 20% Marks (*) | 80% Marks (#) |
|-----------------------------|---------------------------|-------------|---------------|---------------|
| MTMH: Back in 2nd Sem GE-2 | PHSGE-2 for MTMH students | 60 | 12 | 48 |
| MTMH: Back in 4th Sem. GE-4 | PHSGE-4 for MTMH students | 60 | 12 | 48 |

*Examination completed and marks already credited to students.

Examination going to be held.

(D) Mark distribution of terminal examination of U.G. General (1+1+1): 3rd year 2020

| Course | Paper | Total Marks | 20% Marks (*) | 80% Marks (#) |
|---|------------|-------------|---------------|---------------|
| U.G. General (1+1+1): 3 rd yr. | Paper-VII | 60 | 12 | 48 |
| U.G. General (1+1+1): 3 rd yr. | Paper-VIII | 40 | 08 | 32 |
| Net total | | 100 | 20 | 80 |

*Examination completed and marks already credited to students.

Examination going to be held.

(E) Mark distribution of terminal examination of U.G. Program Course (6th sem.) 2020

| Course | Paper | Total Marks | 20% Marks (*) | 80% Marks (#) |
|---------------------------|-----------------|-------------|---------------|------------------|
| UG Program Course 6th Sem | SEC-4: PHSSEC-4 | 20 | 04 | 16 |
| UG Program Course 6th Sem | DSE-2: PHSDSE-2 | 60 | 12 | Th: 30 Pr: 18 |
| Net total | | 80 | 16 | 64 |

*Examination completed and marks already credited to students.

Examination going to be held.

10. If there is any problem regarding examination like getting question papers in time, downloading of question papers, uploading of answer script please contact the following number (**WhatsApp or call : 9933500667/9485236251, e-mail: pinakichk@gmail.com**) before 1 hour of the (beginning of the) examination to after 1 hour of the (completing of the) examination. **But for other examination related issues like Admit card, eligibility in back papers, or any regular papers please contact the examination section. Without a valid admit card you are not eligible to sit for the examination in offline/online or blended mode.**

HoD
Dept. of Physics
Raiganj Univeristy

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Examination schedule of UG and PG terminal/final semester/year
Examination-2020

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| 04.10.2020 | Back in 2nd Sem. DSC-2 : PHSDSC-2 (Physics) | Back in 4th Sem. DSC-4 PHSDSC-4 (Physics) | DSE-3 (6th Sem.) : Nuclear and Particle Physics/ Course -XV : Electronics-II | | |
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| 14.10.2020 | | | Back in 4th Sem. GE-4 : PHSGE-4 for MTMH students | | |

Head of the Department
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Pinaki Chakrabarti

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