

ALTERNATIVE ASSESSMENT METHODS

DEPARTMENT OF REMOTE SENSING AND GIS

Examination : Semester I – Year IV

Degree Programme : B.Sc. Honours in Surveying Sciences in REMOTE SENSING

| Subject Code No. | Subject Name | CA/Practical Weightage (%) | End Semester Examination Alternative Assessment | | Exam Mode (Open-Book/ Closed Book) |
|------------------|-------------------------------------|----------------------------|---|-----------|------------------------------------|
| | | | Method | Weightage | |
| RS 41342 | Advanced Remote Sensing | 20% | MCQ, 30 Minutes | 20% | Open-Book |
| | | | Essay Type, 1 Hour and 30 Minutes | 30% | Open-Book |
| | Advanced Remote Sensing (Practical) | | Viva*, 15 Minutes | 30% | |
| RS 41244 | Digital Photogrammetry | 50% | MCQ, 30 Minutes | 20% | Closed Book |
| | | | Essay Type, 1 Hour | 30% | Open-Book |
| RS 41245 | Fundamentals of Space Science | 50% | Essay Type, 1 Hour and 20 Minutes | 30% | Open-Book |
| | | | Review Scientific Research Paper, 1 Hour | 20% | Open-Book |
| RS 41246 | Industrial Photogrammetry | 50% | MCQ, 30 Minutes | 20% | Closed Book |
| | | | Essay Type, 1 Hour | 30% | Open-Book |
| RS 41149 | Satellite Technology | 50% | Short Answers – 45 Minutes, 20 Questions | 20% | Closed Book |
| | | | Essay Type, 1 Hour | 30% | Closed Book |

Degree Programme : B.Sc. Honours in Surveying Sciences in GEOGRAPHIC INFORMATION SYSTEMS

| Subject Code No. | Subject Name | CA/Practical Weightage (%) | End Semester Examination Alternative Assessment | | Exam Mode (Open Book/ Closed Book) |
|------------------|-----------------------------------|----------------------------|--|-----------|------------------------------------|
| | | | Method | Weightage | |
| GS 41152 | Colors in Cartography | 50% | MCQ, 30 Minutes, 20 Questions | 20% | Open-Book |
| | | | Essay Type, 1.5 Hours | 20% | Open-Book |
| | | | Viva*, 10 Minutes | 10% | |
| GS 41255 | Generalization and Symbolization | 50% | MCQ, 30 Minutes, 20 Questions | 20% | Open-Book |
| | | | Essay Type, 1 Hour and 30 Minutes | 20% | Open-Book |
| | | | Viva, 10 Minutes | 10% | |
| GS 41256 | Geo-Statistics in GIS | 50% | MCQ, 30 Minutes | 20% | Open-Book |
| | | | Essay Type, 45 Minutes | 30% | Open-Book |
| GS 41257 | GIS Customization and Programming | 50% | Essay Type, 45 Minutes | 20% | Open-Book |
| | | | Project and Report | 15% | |
| | | | Presentation and Viva, 20 Minutes for each student | 15% | |
| GS 41260 | Opensource GIS and Web mapping | 50% | Essay Type, 45 Minutes | 20% | Open-Book |
| | | | Project and Report | 15% | |
| | | | Presentation and Viva 20 Minutes for each student | 15% | |

DEPT. OF SURVEYING AND GEODESY

Degree Programme : B.Sc. Honours in Surveying Sciences in HYDROGRAPHIC SURVEYING

| Subject Code No. | Subject Name | CA/Practical Weightage (%) | End Semester Examination Alternative Assessment | | Exam Mode (Open Book/ Closed Book) |
|------------------|------------------------------|----------------------------|---|-----------|------------------------------------|
| | | | Method | Weightage | |
| HS 41134 | Law of the Sea | 50% | Essay type, 1 Hour | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |
| HS 41537 | Hydrographic Practical | 50% | Project Report | 30% | |
| | | | Viva*, 20 Minutes | 20% | |
| HS 41138 | Underwater Acoustics | 50% | Essay type , 1 Hour | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |
| HS 41332 | Hydrographic Data Management | 50% | Essay type, 1 Hour and 30 Minutes | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |
| HS 32236 | Seamanship & Navigation | 50% | Essay type, 1 Hour and 30 Minutes | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |

Degree Programme : B.Sc. Honours in Surveying Sciences in LAND MANAGEMENT

| Subject Code No. | Subject Name | CA/Practical Weightage (%) | End Semester Examination Alternative Assessment | | Exam Mode (Open Book/ Closed Book) |
|------------------|-------------------------------------|----------------------------|---|-----------|------------------------------------|
| | | | Method | Weightage | |
| LM 41122 | Designing a Land Management Project | 50% Project report | Viva | 50% | |
| LM 41224 | Land Law | 50% | Essay type, 1 Hour and 30 Minutes | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |
| LM 41225 | Land Policy & Land Management | 50% | Essay type, 1 Hour and 30 minutes | 30% | Open book |
| | | | Viva* , 15 Minutes | 20% | – |
| LM 41228 | Spatial Data Infrastructure | 50% | Essay type, 2 Hours | 30% | Open book |
| | | | Viva* , 15 Minutes | 20% | – |
| LM 41229 | Urban Planning | 50% | Essay type, 2 Hours | 30% | Open book |
| | | | Viva *, 15 Minutes | 20% | – |

Degree Programme : B.Sc. Honours in Surveying Sciences in SURVEYING & GEODESY

| Subject Code No. | Subject Name | CA/Practical Weightage (%) | End Semester Examination Alternative Assessment | | Exam Mode (Open Book/ Closed Book) |
|------------------|-------------------------------------|----------------------------|---|-----------|------------------------------------|
| | | | Method | Weightage | |
| SG 41212 | Advanced Physical Geodesy | 50% | Essay type, 2 Hours | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |
| SG 41313 | Applications of GNSS | 50% | Essay type, 1 Hour and 30 Minutes | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |
| SG 41215 | Deformation Monitoring and Analysis | 50% | Essay type, 1 Hour and 30 Minutes | 30% | Open book |
| | | | MCQ, 30 Minutes | 20% | Open book |
| SG 41218 | Quantity Surveying | 50% | Essay type, 1 Hour and 30 Minutes | 35% | Open book |
| | | | MCQ, 30 Minutes | 15% | Open book |

*** Practical viva will be arranged and notified by the respective departments**



Dean
Faculty of Geomatics
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