| | T | achi | na S | cheme | | | Fyamin | ation Se | heme | |
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| T | T | D | | Hrs/Week | Examination Scheme | | | | actical | e al TotalMarka |
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| 3 | 1 | | 4 | 4 | 25 | 50 | 25 | | | 100 |
| - | | | - | | (| OBJECTI | VES | | | |
| | 1. | То | give | fundamental | knowledg | e of sets, | functions | and bou | nds. | |
| | 2. | To r | nake | them unders | stand conv | vergence a | and divera | ence of | sequence a | nd series. |
| | 3. | Tor | nake | student's fai | miliar with | n concept (| of Integral | bility. | | |
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| | | | | | | SYLLAP | BUS | | | |
| Uı | nit- | Ι | | | | | | | 9 | |
| | | | | | | | | | | |
| Set | ts ar | nd El | eme | nts, operatio | ons on set | s, functio | ns, <mark>real v</mark> | alued fu | unctions, ed | uivalence. |
| coi | unta | bilit | y, re | al numbers, | least upp | er bounds | s. | | Í. | 1 |
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| De | finit | ion | of se | equence and | l subsequ | ence, <mark>lim</mark> | it of a se | quence | , convergei | nt sequences, |
| div | erge | ent | sequ | iences, boi | inded se | equences, | monoto | ne sec | uences, o | peration on |
| coi | nver | gent | seq | uence, limit | superior. | limit infe | mion Cou | 1 | | |
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| UN <mark>Co</mark> coi | NT 1 nve nditi | I II rgen ional | <mark>ce a</mark> and | nd divergen absolute co | ce, Serie | s with no | $\frac{1}{2}$ on $-$ negations for a | ative te bsolute | rms, Altern convergent | nating series, ce. |
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