

SEETHALAKSHMI RAMASWAMI COLLEGE (AUTONOMOUS)  
ACCREDITED WITH A+ (4TH CYCLE) BY NAAC  
TIRUCHIRAPPALLI-620 002  
CHOICE BASED CREDIT SYSTEM (CBCS) - PATTERN  
REFERENCE COPY - APR25

PROGRAMME : B.Sc.  
SEMESTER : 4

CORE (MAJOR) : COMPUTER SCIENCE (S.F.)  
NO. OF PAPERS: 8

| SL. NO. | REQ NO    | SA41 |       |     |     |       |     | SB41 |     |     |     |       |     | SC41 |     |     |     |       |     | SC42 |     |     |     |       |     | SD41 |     |     |     |       |     | SD42 |     |     |     |       |  | SF41 |     |     |  |       |  | SG41 |     |     |  |  |  |
|---------|-----------|------|-------|-----|-----|-------|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|-------|-----|------|-----|-----|-----|-------|--|------|-----|-----|--|-------|--|------|-----|-----|--|--|--|
|         |           | IA   |       | SE  |     | TOT R |     | IA   |     | SE  |     | TOT R |     | IA   |     | SE  |     | TOT R |     | IA   |     | SE  |     | TOT R |     | IA   |     | SE  |     | TOT R |     | IA   |     | SE  |     | TOT R |  | IA   |     | SE  |  | TOT R |  |      |     |     |  |  |  |
|         |           | 025  | 075   | 100 |     |       |     | 025  | 075 | 100 |     |       |     | 025  | 075 | 100 |     |       |     | 040  | 060 | 100 |     |       |     | 025  | 075 | 100 |     |       |     | 040  | 060 | 100 |     |       |  | 025  | 075 | 100 |  |       |  | 025  | 075 | 100 |  |  |  |
| 1       | US23CS001 | MAA  | 8     | 016 | 044 | 060   | P   | 014  | 048 | 062 | P   | 017   | 054 | 071  | P   | 025 | 058 | 083   | P   | 015  | 040 | 055 | P   | 036   | 056 | 092  | P   | 019 | 054 | 073   | P   | 020  | 058 | 078 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 2       | US23CS002 | MAA  | 8     | 019 | 054 | 073   | P   | 016  | 050 | 066 | P   | 014   | 054 | 068  | P   | 032 | 054 | 086   | P   | 012  | 052 | 064 | P   | 035   | 055 | 090  | P   | 018 | 049 | 067   | P   | 020  | 065 | 085 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 3       | US23CS003 | H    | ----- | AAA | NR  | ---   | A   | AAA  | NR  | --- | A   | AAA   | NR  | ---  | A   | AAA | AAA | AAA   | A   | AAA  | NR  | --- | A   |       |     |      |     |     |     |       |     |      |     |     |     |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 4       | US23CS004 | MAA  | 8     | 022 | 051 | 073   | P   | 021  | 054 | 075 | P   | 020   | 059 | 079  | P   | 040 | 058 | 098   | P   | 019  | 063 | 082 | P   | 039   | 059 | 098  | P   | 019 | 057 | 076   | P   | 022  | 064 | 086 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 5       | US23CS005 | MAA  | 8     | 017 | 036 | 053   | P   | 015  | 033 | 048 | P   | 015   | 038 | 053  | P   | 040 | 060 | 100   | P   | 016  | 044 | 060 | P   | 037   | 057 | 094  | P   | 015 | 034 | 049   | P   | 015  | 032 | 047 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 6       | US23CS006 | MAA  | 8     | 021 | 052 | 073   | P   | 015  | 050 | 065 | P   | 016   | 045 | 061  | P   | 032 | 038 | 070   | P   | 012  | 040 | 052 | P   | 034   | 055 | 089  | P   | 018 | 049 | 067   | P   | 016  | 048 | 064 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 7       | US23CS007 | MAA  | 8     | 019 | 054 | 073   | P   | 016  | 047 | 063 | P   | 020   | 057 | 077  | P   | 040 | 060 | 100   | P   | 019  | 060 | 079 | P   | 036   | 056 | 092  | P   | 018 | 052 | 070   | P   | 021  | 052 | 073 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 8       | US23CS008 | MAA  | 8     | 018 | 054 | 072   | P   | 016  | 055 | 071 | P   | 016   | 062 | 078  | P   | 030 | 047 | 077   | P   | 012  | 043 | 055 | P   | 036   | 057 | 093  | P   | 016 | 042 | 058   | P   | 021  | 053 | 074 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 9       | US23CS009 | MAA  | 8     | 018 | 054 | 072   | P   | 017  | 051 | 068 | P   | 016   | 057 | 073  | P   | 034 | 044 | 078   | P   | 015  | 047 | 062 | P   | 036   | 056 | 092  | P   | 015 | 036 | 051   | P   | 021  | 050 | 071 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 10      | US23CS010 | MAA  | 8     | 019 | 050 | 069   | P   | 016  | 049 | 065 | P   | 016   | 053 | 069  | P   | 035 | 057 | 092   | P   | 016  | 046 | 062 | P   | 036   | 055 | 091  | P   | 015 | 042 | 057   | P   | 019  | 046 | 065 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 11      | US23CS011 | H    | MAA   | 8   | 018 | 050   | 068 | P    | 017 | 048 | 065 | P     | 016 | 060  | 076 | P   | 034 | 054   | 088 | P    | 014 | 045 | 059 | P     | 036 | 056  | 092 | P   | 020 | 046   | 066 | P    | 020 | 055 | 075 | P     |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 12      | US23CS013 | MAA  | 8     | 018 | 045 | 063   | P   | 015  | 051 | 066 | P   | 014   | 052 | 066  | P   | 033 | 050 | 083   | P   | 011  | 042 | 053 | P   | 036   | 057 | 093  | P   | 016 | 047 | 063   | P   | 018  | 043 | 061 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 13      | US23CS014 | H    | MAA   | 8   | AAA | NR    | --- | A    | AAA | NR  | --- | A     | AAA | NR   | --- | A   | AAA | AAA   | AAA | A    | AAA | NR  | --- | A     | AAA | AAA  | AAA | A   | AAA | NR    | --- | A    |     |     |     |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 14      | US23CS015 | MAA  | 8     | 020 | 048 | 068   | P   | 016  | 045 | 061 | P   | 016   | 049 | 065  | P   | 038 | 052 | 090   | P   | 015  | 047 | 062 | P   | 035   | 056 | 091  | P   | 015 | 038 | 053   | P   | 021  | 048 | 069 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 15      | US23CS016 | MAA  | 8     | 020 | 053 | 073   | P   | 019  | 053 | 072 | P   | 019   | 054 | 073  | P   | 039 | 055 | 094   | P   | 017  | 051 | 068 | P   | 039   | 059 | 098  | P   | 020 | 060 | 080   | P   | 020  | 055 | 075 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 16      | US23CS017 | MAA  | 8     | 021 | 057 | 078   | P   | 018  | 053 | 071 | P   | 020   | 058 | 078  | P   | 040 | 059 | 099   | P   | 017  | 051 | 068 | P   | 037   | 057 | 094  | P   | 019 | 051 | 070   | P   | 020  | 062 | 082 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 17      | US23CS018 | MAA  | 8     | 021 | 048 | 069   | P   | 016  | 046 | 062 | P   | 018   | 050 | 068  | P   | 039 | 054 | 093   | P   | 015  | 050 | 065 | P   | 035   | 055 | 090  | P   | 016 | 038 | 054   | P   | 021  | 042 | 063 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 18      | US23CS019 | MAA  | 8     | 019 | 042 | 061   | P   | 014  | 046 | 060 | P   | 015   | 052 | 067  | P   | 037 | 058 | 095   | P   | 015  | 048 | 063 | P   | 034   | 055 | 089  | P   | 020 | 064 | 084   | P   | 021  | 058 | 079 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 19      | US23CS020 | MAA  | 8     | 020 | 054 | 074   | P   | 014  | 047 | 061 | P   | 016   | 056 | 072  | P   | 025 | 043 | 068   | P   | 013  | 055 | 068 | P   | 035   | 054 | 089  | P   | 018 | 061 | 079   | P   | 019  | 054 | 073 | P   |       |  |      |     |     |  |       |  |      |     |     |  |  |  |
| 20      | US23CS021 | H    | MAA   | 8   | 017 | 050   | 067 | P    | 017 | 049 | 066 | P     | 017 | 057  | 074 | P   | 038 | 057   | 095 | P    | 017 | 050 | 067 | P     | 039 | 059  | 098 | P   | 021 | 045   | 066 | P    | 021 | 056 | 077 | P     |  |      |     |     |  |       |  |      |     |     |  |  |  |

Passing Minimum: SE 40%, Aggregate 40%

  
CONTROLLER OF EXAMINATIONS

SEETHALAKSHMI RAMASWAMI COLLEGE (AUTONOMOUS)  
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PROGRAMME : B.Sc.  
SEMESTER : 4

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| SL. NO. | REG NO    | SA41  |     |     |     |     |   | SB41 |     |     |   |     |     | SC41 |     |     |     |     |     | SC42 |     |     |     |     |     | SD41 |    |     |     |     |   | SD42 |     |     |     |  |  | SF41 |  |  |  |  |  | SG41 |  |  |  |  |  |
|---------|-----------|-------|-----|-----|-----|-----|---|------|-----|-----|---|-----|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|----|-----|-----|-----|---|------|-----|-----|-----|--|--|------|--|--|--|--|--|------|--|--|--|--|--|
|         |           | IA    | SE  | TOT | R   |     |   | IA   | SE  | TOT | R |     |     | IA   | SE  | TOT | R   |     |     | IA   | SE  | TOT | R   |     |     | IA   | SE | TOT | R   |     |   | IA   | SE  | TOT | R   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
|         |           | 025   | 075 | 100 |     |     |   | 025  | 075 | 100 |   |     | 025 | 075  | 100 |     |     | 040 | 060 | 100  |     |     | 025 | 075 | 100 |      |    | 040 | 060 | 100 |   |      | 025 | 075 | 100 |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 21      | US23CS022 | MAA   | 8   | 018 | 046 | 064 | P | 015  | 046 | 061 | P | 016 | 050 | 066  | P   | 035 | 059 | 094 | P   | 014  | 044 | 058 | P   | 035 | 055 | 090  | P  | 017 | 053 | 070 | P | 019  | 045 | 064 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 22      | US23CS023 | MAA   | 8   | 010 | 030 | 040 | P | 011  | 043 | 054 | P | 010 | 036 | 046  | P   | 028 | 041 | 069 | P   | 010  | 030 | 040 | P   | 034 | 055 | 089  | P  | 010 | 039 | 049 | P | 010  | 031 | 041 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 23      | US23CS024 | MAA   | 8   | 022 | 058 | 080 | P | 018  | 053 | 071 | P | 021 | 056 | 077  | P   | 039 | 060 | 099 | P   | 018  | 053 | 071 | P   | 039 | 059 | 098  | P  | 022 | 064 | 086 | P | 024  | 062 | 086 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 24      | US23CS025 | MAA   | 8   | 017 | 043 | 060 | P | 016  | 052 | 068 | P | 018 | 055 | 073  | P   | 033 | 055 | 088 | P   | 015  | 050 | 065 | P   | 037 | 058 | 095  | P  | 019 | 064 | 083 | P | 020  | 054 | 074 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 25      | US23CS026 | MAA   | 8   | 020 | 049 | 069 | P | 016  | 051 | 067 | P | 018 | 057 | 075  | P   | 039 | 060 | 099 | P   | 016  | 047 | 063 | P   | 038 | 058 | 096  | P  | 020 | 058 | 078 | P | 022  | 060 | 082 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 26      | US23CS027 | MAA   | 8   | 017 | 034 | 051 | P | 015  | 045 | 060 | P | 015 | 058 | 073  | P   | 038 | 057 | 095 | P   | 018  | 046 | 064 | P   | 038 | 059 | 097  | P  | 017 | 041 | 058 | P | 019  | 052 | 071 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 27      | US23CS028 | MAA   | 8   | 021 | 058 | 079 | P | 019  | 051 | 070 | P | 020 | 057 | 077  | P   | 040 | 059 | 099 | P   | 020  | 056 | 076 | P   | 039 | 060 | 099  | P  | 021 | 060 | 081 | P | 021  | 055 | 076 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 28      | US23CS029 | MAA   | 8   | 021 | 056 | 077 | P | 018  | 055 | 073 | P | 019 | 061 | 080  | P   | 040 | 059 | 099 | P   | 021  | 055 | 076 | P   | 039 | 059 | 098  | P  | 020 | 056 | 076 | P | 022  | 059 | 081 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 29      | US23CS030 | MAA   | 8   | 018 | 054 | 072 | P | 017  | 050 | 067 | P | 018 | 056 | 074  | P   | 037 | 056 | 093 | P   | 019  | 053 | 072 | P   | 039 | 058 | 097  | P  | 019 | 058 | 077 | P | 020  | 053 | 073 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 30      | US23CS031 | MAA   | 8   | 017 | 050 | 067 | P | 011  | 047 | 058 | P | 012 | 050 | 062  | P   | 036 | 054 | 090 | P   | 012  | 046 | 058 | P   | 035 | 055 | 090  | P  | 015 | 056 | 071 | P | 017  | 047 | 064 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 31      | US23CS032 | MAA   | 8   | 020 | 041 | 061 | P | 016  | 043 | 059 | P | 016 | 049 | 065  | P   | 028 | 058 | 086 | P   | 015  | 043 | 058 | P   | 037 | 057 | 094  | P  | 017 | 056 | 073 | P | 019  | 036 | 055 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 32      | US23CS033 | MAA   | 8   | 018 | 039 | 057 | P | 017  | 053 | 070 | P | 016 | 054 | 070  | P   | 031 | 049 | 080 | P   | 014  | 049 | 063 | P   | 037 | 057 | 094  | P  | 017 | 054 | 071 | P | 020  | 054 | 074 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 33      | US23CS034 | ----- | AAA | NR  | --- | A   |   | AAA  | NR  | --- | A |     | AAA | NR   | --- | A   |     | AAA | AAA | AAA  | A   |     | AAA | NR  | --- | A    |    |     |     |     |   |      |     |     |     |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 34      | US23CS035 | H MAA | 8   | 014 | 052 | 066 | P | 015  | 046 | 061 | P | 016 | 049 | 065  | P   | 039 | 059 | 098 | P   | 015  | 053 | 068 | P   | 038 | 059 | 097  | P  | 015 | 037 | 052 | P | 017  | 041 | 058 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 35      | US23CS036 | MAA   | 8   | 020 | 052 | 072 | P | 016  | 047 | 063 | P | 018 | 064 | 082  | P   | 040 | 058 | 098 | P   | 020  | 053 | 073 | P   | 039 | 059 | 098  | P  | 020 | 057 | 077 | P | 022  | 051 | 073 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 36      | US23CS037 | MAA   | 8   | 020 | 054 | 074 | P | 019  | 047 | 066 | P | 020 | 062 | 082  | P   | 038 | 060 | 098 | P   | 016  | 052 | 068 | P   | 035 | 056 | 091  | P  | 020 | 063 | 083 | P | 023  | 059 | 082 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 37      | US23CS038 | MAA   | 8   | 020 | 055 | 075 | P | 016  | 052 | 068 | P | 018 | 058 | 076  | P   | 039 | 044 | 083 | P   | 015  | 051 | 066 | P   | 037 | 057 | 094  | P  | 017 | 051 | 068 | P | 020  | 055 | 075 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 38      | US23CS039 | MAA   | 8   | 019 | 045 | 064 | P | 015  | 048 | 063 | P | 014 | 050 | 064  | P   | 026 | 047 | 073 | P   | 013  | 043 | 056 | P   | 036 | 056 | 092  | P  | 016 | 053 | 069 | P | 019  | 054 | 073 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |
| 39      | US23CS040 | MAA   | 8   | 018 | 040 | 058 | P | 015  | 048 | 063 | P | 016 | 050 | 066  | P   | 028 | 053 | 081 | P   | 011  | 034 | 045 | P   | 034 | 055 | 089  | P  | 017 | 052 | 069 | P | 018  | 048 | 066 | P   |  |  |      |  |  |  |  |  |      |  |  |  |  |  |

Passing Minimum: SE 40%, Aggregate 40%

  
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SEETHALAKSHMI RAMASWAMI COLLEGE (AUTONOMOUS)  
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|      |              |                                                      |
|------|--------------|------------------------------------------------------|
| SA41 | U214XXTG04   | PODHUTHTAMIZH-IV                                     |
| SA41 | U214XXHG04   | HINDI BHASHA AUR COMPUTER                            |
| SB41 | U214XXEG04   | ENGLISH-IV                                           |
| SC41 | U214CSMT04   | PYTHON PROGRAMMING                                   |
| SC42 | U214CSMP02   | PRACTICAL-II:MySQL AND PYTHON PROGRAMMING            |
| SD41 | U214MAAT16   | OPERATIONS RESEARCH                                  |
| SD42 | U214MAAP08   | PRACTICAL:PRACTICAL MATHEMATICS FOR COMPUTER SCIENCE |
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| SF41 | U214TANE02:2 | UYARNILAI TAMIZH-II                                  |
| SG41 | U214CSSE02:1 | IMAGE EDITING TOOLS                                  |

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