

SEETHALAKSHMI RAMASWAMI COLLEGE (AUTONOMOUS)  
ACCREDITED WITH A+ (4TH CYCLE) BY NAAC  
TIRUCHIRAPPALLI-620 002  
CHOICE BASED CREDIT SYSTEM (CBCS) - PATTERN  
SEMESTER 4 - REFERENCE COPY - APR22

PROGRAMME : B.Sc.  
SEMESTER : 4  
CORE (MAJOR) : COMPUTER SCIENCE (S.F.)  
NO. OF PAPERS: 8

| 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 |  | 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       | US20CS001 | MAA   | 3  | 020 | 043 | 063 | P    |    |     |   | 016 | 051  | 067 | P   |   |  |      | 019 | 052 | 071 | P |      |    |     | 039 | 059 | 098  | P  |     |   |  | 015  | 033 | 048 | P |  |      |  | 038 | 058 | 096 | P |  |  |  | 017 | 038 | 055 | P |  |  |  | 016 | 062 | 078 | P |  |  |  |  |  |
| 2       | US20CS002 | MAA   | 3  | 016 | 035 | 051 | P    |    |     |   | 015 | 049  | 064 | P   |   |  |      | 019 | 049 | 068 | P |      |    |     | 038 | 054 | 092  | P  |     |   |  | 014  | 040 | 054 | P |  |      |  | 038 | 058 | 096 | P |  |  |  | 016 | 033 | 049 | P |  |  |  | 016 | 065 | 081 | P |  |  |  |  |  |
| 3       | US20CS003 | MAA   | 3  | 020 | 038 | 058 | P    |    |     |   | 015 | 051  | 066 | P   |   |  |      | 019 | 047 | 066 | P |      |    |     | 035 | 055 | 090  | P  |     |   |  | 017  | 032 | 049 | P |  |      |  | 039 | 060 | 099 | P |  |  |  | 017 | 035 | 052 | P |  |  |  | 017 | 057 | 074 | P |  |  |  |  |  |
| 4       | US20CS004 | MAA   | 3  | 016 | 037 | 053 | P    |    |     |   | 017 | 045  | 062 | P   |   |  |      | 018 | 053 | 071 | P |      |    |     | 033 | 055 | 088  | P  |     |   |  | 014  | 045 | 059 | P |  |      |  | 036 | 057 | 093 | P |  |  |  | 017 | 033 | 050 | P |  |  |  | 017 | 054 | 071 | P |  |  |  |  |  |
| 5       | US20CS005 | MAA   | 3  | 017 | 038 | 055 | P    |    |     |   | 015 | 047  | 062 | P   |   |  |      | 019 | 050 | 069 | P |      |    |     | 035 | 055 | 090  | P  |     |   |  | 014  | 036 | 050 | P |  |      |  | 040 | 060 | 100 | P |  |  |  | 017 | 047 | 064 | P |  |  |  | 018 | 061 | 079 | P |  |  |  |  |  |
| 6       | US20CS006 | MAA   | 3  | 016 | 038 | 054 | P    |    |     |   | 016 | 047  | 063 | P   |   |  |      | 017 | 051 | 068 | P |      |    |     | 038 | 057 | 095  | P  |     |   |  | 013  | 031 | 044 | P |  |      |  | 038 | 059 | 097 | P |  |  |  | 016 | 044 | 060 | P |  |  |  | 014 | 046 | 060 | P |  |  |  |  |  |
| 7       | US20CS007 | MAA   | 3  | 018 | 036 | 054 | P    |    |     |   | 019 | 045  | 064 | P   |   |  |      | 019 | 053 | 072 | P |      |    |     | 040 | 059 | 099  | P  |     |   |  | 014  | 030 | 044 | P |  |      |  | 036 | 058 | 094 | P |  |  |  | 016 | 045 | 061 | P |  |  |  | 019 | 059 | 078 | P |  |  |  |  |  |
| 8       | US20CS008 | MAA   | 3  | 016 | 035 | 051 | P    |    |     |   | 015 | 043  | 058 | P   |   |  |      | 018 | 052 | 070 | P |      |    |     | 032 | 048 | 080  | P  |     |   |  | 013  | 037 | 050 | P |  |      |  | 040 | 060 | 100 | P |  |  |  | 015 | 058 | 073 | P |  |  |  | 016 | 053 | 069 | P |  |  |  |  |  |
| 9       | US20CS009 | MAA   | 3  | 018 | 036 | 054 | P    |    |     |   | 017 | 047  | 064 | P   |   |  |      | 019 | 040 | 059 | P |      |    |     | 036 | 055 | 091  | P  |     |   |  | 014  | 031 | 045 | P |  |      |  | 038 | 058 | 096 | P |  |  |  | 016 | 032 | 048 | P |  |  |  | 017 | 045 | 062 | P |  |  |  |  |  |
| 10      | US20CS010 | MAA   | 3  | 019 | 038 | 057 | P    |    |     |   | 016 | 045  | 061 | P   |   |  |      | 021 | 057 | 078 | P |      |    |     | 031 | 060 | 091  | P  |     |   |  | 020  | 049 | 069 | P |  |      |  | 036 | 059 | 095 | P |  |  |  | 019 | 066 | 085 | P |  |  |  | 021 | 064 | 085 | P |  |  |  |  |  |
| 11      | US20CS011 | MAA   | 3  | 017 | 039 | 056 | P    |    |     |   | 017 | 043  | 060 | P   |   |  |      | 022 | 049 | 071 | P |      |    |     | 040 | 059 | 099  | P  |     |   |  | 018  | 047 | 065 | P |  |      |  | 039 | 060 | 099 | P |  |  |  | 018 | 065 | 083 | P |  |  |  | 019 | 058 | 077 | P |  |  |  |  |  |
| 12      | US20CS012 | MAA   | 3  | 019 | 040 | 059 | P    |    |     |   | 020 | 049  | 069 | P   |   |  |      | 020 | 056 | 076 | P |      |    |     | 040 | 060 | 100  | P  |     |   |  | 017  | 054 | 071 | P |  |      |  | 037 | 056 | 093 | P |  |  |  | 020 | 065 | 085 | P |  |  |  | 019 | 061 | 080 | P |  |  |  |  |  |
| 13      | US20CS013 | H MAA | 3  | 011 | 039 | 050 | P    |    |     |   | 018 | 047  | 065 | P   |   |  |      | 022 | 054 | 076 | P |      |    |     | 038 | 060 | 098  | P  |     |   |  | 019  | 041 | 060 | P |  |      |  | 040 | 060 | 100 | P |  |  |  | 020 | 040 | 060 | P |  |  |  | 018 | 062 | 080 | P |  |  |  |  |  |
| 14      | US20CS014 | MAA   | 3  | 021 | 044 | 065 | P    |    |     |   | 019 | 043  | 062 | P   |   |  |      | 021 | 056 | 077 | P |      |    |     | 036 | 060 | 096  | P  |     |   |  | 017  | 040 | 057 | P |  |      |  | 040 | 060 | 100 | P |  |  |  | 018 | 059 | 077 | P |  |  |  | 020 | 058 | 078 | P |  |  |  |  |  |
| 15      | US20CS015 | MAA   | 3  | 017 | 037 | 054 | P    |    |     |   | 020 | 051  | 071 | P   |   |  |      | 020 | 048 | 068 | P |      |    |     | 040 | 047 | 087  | P  |     |   |  | 015  | 056 | 071 | P |  |      |  | 040 | 060 | 100 | P |  |  |  | 016 | 054 | 070 | P |  |  |  | 015 | 040 | 055 | P |  |  |  |  |  |
| 16      | US20CS016 | MAA   | 3  | 018 | 042 | 060 | P    |    |     |   | 019 | 047  | 066 | P   |   |  |      | 020 | 046 | 066 | P |      |    |     | 040 | 057 | 097  | P  |     |   |  | 013  | 037 | 050 | P |  |      |  | 036 | 058 | 094 | P |  |  |  | 017 | 058 | 075 | P |  |  |  | 016 | 054 | 070 | P |  |  |  |  |  |
| 17      | US20CS017 | MAA   | 3  | 015 | 038 | 053 | P    |    |     |   | 015 | 047  | 062 | P   |   |  |      | 019 | 052 | 071 | P |      |    |     | 036 | 052 | 088  | P  |     |   |  | 013  | 049 | 062 | P |  |      |  | 040 | 060 | 100 | P |  |  |  | 013 | 066 | 079 | P |  |  |  | 014 | 047 | 061 | P |  |  |  |  |  |
| 18      | US20CS018 | H MAA | 3  | 011 | 030 | 041 | P    |    |     |   | 016 | 052  | 068 | P   |   |  |      | 018 | 046 | 064 | P |      |    |     | 031 | 043 | 074  | P  |     |   |  | 012  | 032 | 044 | P |  |      |  | 040 | 059 | 099 | P |  |  |  | 020 | 052 | 072 | P |  |  |  | 016 | 050 | 066 | P |  |  |  |  |  |
| 19      | US20CS019 | MAA   | 3  | 020 | 033 | 053 | P    |    |     |   | 018 | 043  | 061 | P   |   |  |      | 021 | 052 | 073 | P |      |    |     | 039 | 050 | 089  | P  |     |   |  | 016  | 052 | 068 | P |  |      |  | 037 | 058 | 095 | P |  |  |  | 018 | 063 | 081 | P |  |  |  | 020 | 054 | 074 | P |  |  |  |  |  |
| 20      | US20CS020 | MAA   | 3  | 017 | 035 | 052 | P    |    |     |   | 016 | 045  | 061 | P   |   |  |      | 019 | 047 | 066 | P |      |    |     | 030 | 044 | 074  | P  |     |   |  | 014  | 030 | 044 | P |  |      |  | 040 | 060 | 100 | P |  |  |  | 020 | 046 | 066 | P |  |  |  | 015 | 048 | 063 | P |  |  |  |  |  |

Passing Minimum: SE 40%, Aggregate 40%

*E. Jassine Varanthe Ravi*  
CONTROLLER OF EXAMINATIONS

SEETHALAKSHMI RAMASWAMI COLLEGE (AUTONOMOUS)  
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PROGRAMME : B.Sc.  
SEMESTER : 4  
CORE (MAJOR) : COMPUTER SCIENCE (S.F.)  
NO. OF PAPERS: 8

| 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  |     |     |     | IA | SE | TOT | R    |     |     |   | 025 | 075 | 100 |      |    |     | 025 | 075 | 100 |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 21      | US20CS021 | MAA   | 3   | 020 | 041 | 061 | P |  | 020  | 045 | 065 | P |  | 023 | 057 | 080  | P   |     | 039 | 060 | 099 | P   |      | 020 | 055 | 075 | P  |    | 040 | 060  | 100 | P   |   | 021 | 057 | 078 | P    |    | 019 | 067 | 086 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 22      | US20CS022 | MAA   | 3   | 018 | 042 | 060 | P |  | 020  | 047 | 067 | P |  | 021 | 054 | 075  | P   |     | 036 | 060 | 096 | P   |      | 018 | 055 | 073 | P  |    | 040 | 060  | 100 | P   |   | 020 | 057 | 077 | P    |    | 018 | 061 | 079 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 23      | US20CS023 | MAA   | 3   | 018 | 039 | 057 | P |  | 019  | 056 | 075 | P |  | 021 | 052 | 073  | P   |     | 039 | 052 | 091 | P   |      | 014 | 042 | 056 | P  |    | 039 | 059  | 098 | P   |   | 018 | 056 | 074 | P    |    | 018 | 057 | 075 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 24      | US20CS024 | MAA   | 3   | 015 | 044 | 059 | P |  | 015  | 050 | 065 | P |  | 017 | 043 | 060  | P   |     | 028 | 051 | 079 | P   |      | 012 | 030 | 042 | P  |    | 038 | 059  | 097 | P   |   | 018 | 049 | 067 | P    |    | 014 | 040 | 054 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 25      | US20CS025 | MAA   | 3   | 020 | 040 | 060 | P |  | 019  | 049 | 068 | P |  | 023 | 038 | 061  | P   |     | 040 | 054 | 094 | P   |      | 014 | 030 | 044 | P  |    | 039 | 059  | 098 | P   |   | 021 | 052 | 073 | P    |    | 019 | 052 | 071 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 26      | US20CS026 | MAA   | 3   | 014 | 039 | 053 | P |  | 016  | 047 | 063 | P |  | 016 | 037 | 053  | P   |     | 040 | 058 | 098 | P   |      | 016 | 043 | 059 | P  |    | 039 | 060  | 099 | P   |   | 016 | 044 | 060 | P    |    | 015 | 046 | 061 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 27      | US20CS027 | MAA   | 3   | 016 | 048 | 064 | P |  | 015  | 050 | 065 | P |  | 015 | 007 | 022  | F   |     | 033 | 052 | 085 | P   |      | 012 | 030 | 042 | P  |    | 039 | 060  | 099 | P   |   | 017 | 056 | 073 | P    |    | 016 | 041 | 057 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 28      | US20CS028 | MAA   | 3   | 019 | 044 | 063 | P |  | 019  | 053 | 072 | P |  | 021 | 051 | 072  | P   |     | 040 | 055 | 095 | P   |      | 013 | 044 | 057 | P  |    | 036 | 056  | 092 | P   |   | 021 | 058 | 079 | P    |    | 019 | 062 | 081 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 29      | US20CS029 | MAA   | 3   | 019 | 048 | 067 | P |  | 018  | 047 | 065 | P |  | 021 | 059 | 080  | P   |     | 039 | 060 | 099 | P   |      | 017 | 053 | 070 | P  |    | 040 | 060  | 100 | P   |   | 020 | 056 | 076 | P    |    | 017 | 059 | 076 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 30      | US20CS030 | MAA   | 3   | 015 | 036 | 051 | P |  | 016  | 052 | 068 | P |  | 016 | 036 | 052  | P   |     | 034 | 054 | 088 | P   |      | 012 | 034 | 046 | P  |    | 039 | 058  | 097 | P   |   | 017 | 044 | 061 | P    |    | 014 | 042 | 056 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 31      | US20CS031 | MAA   | 3   | 015 | 035 | 050 | P |  | 018  | 051 | 069 | P |  | 021 | 054 | 075  | P   |     | 034 | 053 | 087 | P   |      | 017 | 050 | 067 | P  |    | 040 | 060  | 100 | P   |   | 018 | 058 | 076 | P    |    | 017 | 048 | 065 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 32      | US20CS032 | H MAA | 3   | 012 | 033 | 045 | P |  | 015  | 042 | 057 | P |  | 018 | 044 | 062  | P   |     | 034 | 049 | 083 | P   |      | 012 | 038 | 050 | P  |    | 038 | 058  | 096 | P   |   | 020 | 058 | 078 | P    |    | 018 | 058 | 076 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 33      | US20CS033 | MAA   | 3   | 014 | 036 | 050 | P |  | 015  | 045 | 060 | P |  | 015 | 017 | 032  | F   |     | 031 | 040 | 071 | P   |      | 012 | 012 | 024 | F  |    | 040 | 060  | 100 | P   |   | 015 | 045 | 060 | P    |    | 014 | 032 | 046 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 34      | US20CS034 | MAA   | 3   | 017 | 043 | 060 | P |  | 015  | 041 | 056 | P |  | 017 | 035 | 052  | P   |     | 025 | 039 | 064 | P   |      | 012 | 040 | 052 | P  |    | 039 | 058  | 097 | P   |   | 013 | 046 | 059 | P    |    | 016 | 041 | 057 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 35      | US20CS035 | MAA   | 3   | 015 | 042 | 057 | P |  | 016  | 048 | 064 | P |  | 020 | 048 | 068  | P   |     | 035 | 059 | 094 | P   |      | 014 | 040 | 054 | P  |    | 036 | 059  | 095 | P   |   | 017 | 035 | 052 | P    |    | 018 | 047 | 065 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |
| 36      | US20CS036 | MAA   | 3   | 017 | 040 | 057 | P |  | 015  | 044 | 059 | P |  | 019 | 053 | 072  | P   |     | 038 | 055 | 093 | P   |      | 015 | 051 | 066 | P  |    | 040 | 060  | 100 | P   |   | 015 | 051 | 066 | P    |    | 014 | 050 | 064 | P   |  |      |  |  |  |  |  |  |      |  |  |  |  |  |  |

Passing Minimum: SE 40%, Aggregate 40%

*E. Jasmine Varanthe Rani*  
CONTROLLER OF EXAMINATIONS

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

CORE (MAJOR) : COMPUTER SCIENCE (S.F.)

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|      |                 |                                                                           |
|------|-----------------|---------------------------------------------------------------------------|
| SA41 | 17 IV XT 4      | TAMIZH: CHEYYUL, URAINADAI, PAYANMURAITAMIZH - IV                         |
| SA41 | 17 IV XH 4      | HINDI: ANUSHADH, SABDHA BANDAAR, VYAAVAARIK HINDI, ANUVAD AUR VYAKARAN-IV |
| SB41 | 17 IV Y 4       | ENGLISH FOR EFFECTIVE COMMUNICATION - PAPER IV                            |
| SC41 | 17 IV CS 4      | PROGRAMMING IN JAVA                                                       |
| SC42 | 17 IV CS P 2    | PRACTICAL - II: C++ AND JAVA PROGRAMMING LAB                              |
| SD41 | 17 IV MAA 6     | OPERATIONS RESEARCH                                                       |
| SD42 | 17 IV MAA 6 P   | PRACTICAL MATHEMATICS                                                     |
| SF41 | 17 IV BI NE 2   | CLINICAL DIAGNOSIS OF PREVALENT DISEASES                                  |
| SF41 | 17 IV BT NE 2   | ECOBIO TECHNOLOGY                                                         |
| SF41 | 17 IV BBA NE 2  | GROUP DYNAMICS                                                            |
| SF41 | 17 IV CA NE 2   | INVESTMENT AVENUES                                                        |
| SF41 | 17 IV HA NE 2   | PRINCIPLES OF PUBLIC RELATIONS                                            |
| SF41 | 17 IV XT / AT 2 | UYARNILAI TAMIZH - II                                                     |
| SG41 | 17 IV CS SE 2/1 | VB.NET AND ASP.NET PROGRAMMING                                            |

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