(a) Bachelor of Law (2 years Course under the old Scheme and 3 years course under the new Scheme or a Bachelor of Law (Professional)) of a University established by law in India.

(b) Must have had English and Hindi as the subjects (at least one of them being optional) in the B.A. examination.

(c) Working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

(d) Must have had English and Hindi as the subjects (at least one of them being optional) in the O.B.A. examination.

2. Working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.


4. B.E./B.Tech. in Information Technology or Computer Science or Electronics and Communications from a recognised University established by law in India or a qualification recognised as equivalent thereto by the Government. OR M.Tech. degree in Information Technology or Computer Science or Electronics and Communications from a recognised University established by law in India or a qualification recognised as equivalent thereto by the Government. AND

5. Two years' post qualification relevant work experience in legal entity such as Government Organisations/Government Undertakings/Public Limited/Private Limited Companies etc.


7. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

8. Working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

9. A working knowledge of Hindi written in Devnagri Script.

10. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

11. A working knowledge of Hindi written in Devnagri Script.

12. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

13. A working knowledge of Hindi written in Devnagri Script.

14. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

15. A working knowledge of Hindi written in Devnagri Script.

16. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

17. A working knowledge of Hindi written in Devnagri Script.

18. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

19. A working knowledge of Hindi written in Devnagri Script.

20. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

21. A working knowledge of Hindi written in Devnagri Script.

22. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

23. A working knowledge of Hindi written in Devnagri Script.

24. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

25. A working knowledge of Hindi written in Devnagri Script.

26. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

27. A working knowledge of Hindi written in Devnagri Script.

28. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

29. A working knowledge of Hindi written in Devnagri Script.

30. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

31. A working knowledge of Hindi written in Devnagri Script.

32. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

33. A working knowledge of Hindi written in Devnagri Script.

34. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

35. A working knowledge of Hindi written in Devnagri Script.

36. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

37. A working knowledge of Hindi written in Devnagri Script.

38. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

39. A working knowledge of Hindi written in Devnagri Script.

40. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

41. A working knowledge of Hindi written in Devnagri Script.

42. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

43. A working knowledge of Hindi written in Devnagri Script.

44. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

45. A working knowledge of Hindi written in Devnagri Script.

46. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

47. A working knowledge of Hindi written in Devnagri Script.

48. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

49. A working knowledge of Hindi written in Devnagri Script.

50. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

51. A working knowledge of Hindi written in Devnagri Script.

52. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

53. A working knowledge of Hindi written in Devnagri Script.

54. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

55. A working knowledge of Hindi written in Devnagri Script.

56. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

57. A working knowledge of Hindi written in Devnagri Script.

58. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

59. A working knowledge of Hindi written in Devnagri Script.

60. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

61. A working knowledge of Hindi written in Devnagri Script.

62. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

63. A working knowledge of Hindi written in Devnagri Script.

64. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

65. A working knowledge of Hindi written in Devnagri Script.

66. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

67. A working knowledge of Hindi written in Devnagri Script.

68. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

69. A working knowledge of Hindi written in Devnagri Script.

70. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

71. A working knowledge of Hindi written in Devnagri Script.

72. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

73. A working knowledge of Hindi written in Devnagri Script.

74. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

75. A working knowledge of Hindi written in Devnagri Script.

76. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

77. A working knowledge of Hindi written in Devnagri Script.

78. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

79. A working knowledge of Hindi written in Devnagri Script.

80. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

81. A working knowledge of Hindi written in Devnagri Script.

82. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

83. A working knowledge of Hindi written in Devnagri Script.

84. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

85. A working knowledge of Hindi written in Devnagri Script.

86. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

87. A working knowledge of Hindi written in Devnagri Script.

88. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

89. A working knowledge of Hindi written in Devnagri Script.

90. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

91. A working knowledge of Hindi written in Devnagri Script.

92. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

93. A working knowledge of Hindi written in Devnagri Script.

94. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

95. A working knowledge of Hindi written in Devnagri Script.

96. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

97. A working knowledge of Hindi written in Devnagri Script.

98. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

99. A working knowledge of Hindi written in Devnagri Script.

100. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

101. A working knowledge of Hindi written in Devnagri Script.

102. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

103. A working knowledge of Hindi written in Devnagri Script.

104. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

105. A working knowledge of Hindi written in Devnagri Script.

106. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

107. A working knowledge of Hindi written in Devnagri Script.

108. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

109. A working knowledge of Hindi written in Devnagri Script.

110. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.

111. A working knowledge of Hindi written in Devnagri Script.

112. A working knowledge of Hindi written in Devnagri Script and knowledge of Rajasthani Culture.
SYLLABUS FOR COMPETITIVE EXAMINATION FOR DIRECT RECRUITMENT TO THE POST OF ANALYST-CUM-PROGRAMMER (DEPUTY DIRECTOR) :-

1. A candidate must appear in all the papers. The marks and time allowed for each Paper shall be as under:-

<table>
<thead>
<tr>
<th>Name of Papers</th>
<th>Marks</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAPER-I</td>
<td>100</td>
<td>2 Hours</td>
</tr>
<tr>
<td>PAPER-II</td>
<td>100</td>
<td>2 Hours</td>
</tr>
</tbody>
</table>

SCOPe OF PAPERS

Written Examination

Paper - I

Reasoning Test & Numerical Analysis & General Knowledge

Problem solving, Data Interpretation, Data Sufficiency, Logical Reasoning and Analytical Reasoning. General Knowledge and Current Affairs relating to India and Rajasthan.

Data Base Management Systems

ER Diagram, data models- Relational and Object Oriented databases.

Data Base Design: Conceptual data base design, Normalization Primitive and Composite data types, concept of physical and logical databases, data abstraction and data independence, data aggregation and Relational Algebra.


Transaction Processing, concurrency control and recovery management. Transaction model properties and state serialisability. Lock base protocols, two phase locking. Different server multi user, multiprocess operating systems and requirement for client interfaces in distributed application environments.

Data Communication and Computer Networks


Paper - II

System Analysis and Design

System concept: Definition and characteristics, elements and boundaries, types of system development lifecycle, recognition of needs, feasibility study, prototyping role, of system analyst. System planning and tools like DFS, data dictionary, decision trees, structured analysis and decision tables.

IPO charts, structured walkthrough, input output form design, requirement and classification of forms, layout considerations form control, object oriented Design Concepts and methods.


System Design: design fundamentals, Modular Design, Data and procedural design, object oriented design.


Software Maintenance: Maintenance Characteristics, Maintainability, Maintenance tasks and side effects.

Software Project Management


Project Scheduling & Tracking, Software Quality Assurance, Software Configuration Management.

Note for general guidance:

(i) The standard of the paper will be that of a degree examination of a University established by law in India. A brief outline of the scope of each paper is given in this Schedule for general guidance of candidates but is not intended to be exhaustive.

(ii) All papers unless specifically required, shall be answered either in English or in Hindi, but no candidate shall be permitted to answer any one paper partly in Hindi or partly in English unless specifically allowed to do so.

(iii) If a candidate's hand-writing is not easily legible, a deduction will be made on this account from the total marks otherwise accruing to him.
The Competitive Examination shall include the following subject:

1. Translation from English to Hindi or in any other language recognized by the Constitution. (Candidates shall be required to translate into Hindi or some other language passages from press communiques, press articles, Government Resolutions, Legislations, rules and instructions and to explain common expressions eliches etc. in use such compositions.)

2. Translation from Hindi or other particular language into English. (Candidates shall be required to translate into English or some other language passage from press articles, speeches etc.)

Note: The time allowed for the two written papers shall be 3 hours each. Deduction will be made from marks assigned to candidates on account of bad handwriting.

Note: Credit will be given for orderly, effective and exact expression combined with due economy of words in all descriptive questions of the examination paper(s).