

R. D. University, Jabalpur
Bachelor of Computer Application (BCA)
w.e.f. July 2017 Onwards

BCA – I/ First Year (Annual System)

Group	Paper Code	Subject	Internal			Theory	Total	Practical	Grand Total
			3 Months	6 Months	Total				
Group-I	BCA-11	Fundamentals of Computers and PC-Software	5	5	10	40	50	--	100
	BCA-12	Computer System Architecture	5	5	10	40	50	--	
Group-II	BCA-13	Programming & Problem Solving through C	5	5	10	40	50	--	100
	BCA-14	Internet & Web Technology	5	5	10	40	50	--	
Group-III	BCA-15	Cyber Security	5	5	10	40	50	--	100
	BCA-16	Discrete Mathematics & Algebra	5	5	10	40	50	--	
Group-IV	BCA-17	Foundation Course---- Same as B.Sc./B. Com./B. A.----					100	--	100
Group-V	BCA-P18	Practical based on BCA11, BCA13 & BCA14	--	--	--	--	--	50	50
TOTAL							400	50	450

NOTE: General BCA Examinations rules are same as B. Sc. (Computer Sc.)/(IT).

In each group student is required to obtain minimum 27 marks in theory and 7 marks in internal assessment to pass.

Pattern of Question papers shall be as given below:

There will be three sections in each paper. All questions from each section will be compulsory.

Section A (5=5*1): this section will contain 5 objective type questions. One question from each unit of one mark.

Section B (15=3*5): 5 questions from each unit of 3 marks each with internal choice.

Section C (20=4*5): 5 questions from each unit of 4 marks with internal choice.

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BCA – II/ Second Year (Annual System)

Group	Paper Code	Subject	Internal			Theory	Total	Practical	Grand Total
			3 Months	6 Months	Total				
Group-I	BCA-21	Data Structure using C++	5	5	10	40	50	--	100
	BCA-22	Data Base Management System & RDBMS	5	5	10	40	50	--	
Group-II	BCA-23	Software Engineering	5	5	10	40	50	--	100
	BCA-24	Operating System with UNIX /LINUX	5	5	10	40	50	--	
Group-III	BCA-25	Accounting & Financial Management	5	5	10	40	50	--	100
	BCA-26	Computer oriented Numerical Methods	5	5	10	40	50	--	
Group-IV	BCA-27	Foundation Course ---- Same as B.Sc./B. Com./B. A.----					100	--	100
Group-V	BCA-P28	Practical based on BCA21, BCA22 & BCA24	--	--	--	--	--	50	50
TOTAL							400	50	450

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In each group student is required to obtain minimum 27 marks in theory and 7 marks in internal assessment to pass.

Pattern of Question papers shall be as given below:

There will be three sections in each paper. All questions from each section will be compulsory.

Section A (5=5*1): this section will contain 5 objective type questions. One question from each unit of one mark.

Section B (15=3*5): 5 questions from each unit of 3 marks each with internal choice.

Section C (20=4*5): 5 questions from each unit of 4 marks with internal choice.

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BCA – III/ Third Year (Annual System)

Group	Paper Code	Subject	Internal			Theory	Total	Practical	Grand Total
			3 Months	6 Months	Total				
Group-I	BCA-31	Object Oriented Programming Using Java	5	5	10	40	50	--	100
	BCA-32	Computer Networks	5	5	10	40	50	--	
Group-II	BCA-33	Web Programming	5	5	10	40	50	--	100
	BCA-34	Management Information System	5	5	10	40	50	--	
Group-III	BCA-35	Computer Graphics (with Multimedia)	5	5	10	40	50	--	100
	BCA-36	Cloud Computing Concepts	5	5	10	40	50	--	
Group-IV	BCA-37	Foundation Course ---- Same as B.Sc./B. Com./B. A.----					100	--	100
Group-V	BCA-P38	Projectbased on BCA31 & BCA33	--	--	--	--	--	50	50
TOTAL							400	50	450

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In each group student is required to obtain minimum 27 marks in theory and 7 marks in internal assessment to pass.

Pattern of Question papers shall be as given below:

There will be three sections in each paper. All questions from each section will be compulsory.

Section A (5=5*1): this section will contain 5 objective type questions. One question from each unit of one mark.

Section B (15=3*5): 5 questions from each unit of 3 marks each with internal choice.

Section C (20=4*5): 5 questions from each unit of 4 marks with internal choice.