

# University of Karachi

(SEMESTER EXAMINATION)

FACULTY OF SCIENCE

EVENING PROGRAM

No. PTO

Department Computer Science

Class BS- 2nd year

Major Department Computer Science

Year 2021 Semester 2nd

Teacher's Name Ms. Farzeen Ashfaq

Date of Examination held 11 - 01 - 2022

Course No. BSCS - 402

Course Title: Data Structures

Credit Hours 2 + 1

S.#.	Seat No.	Student's Name	Theory 80	Lab 20	Total in Words	Final Grade NG AG		Remarks
1	EB20102001	ABDUL KABIR GHOUK KHAN	8		Eight	8	F	Fail in Th. & Pr.
2	EB20102002	ABDUL RAFAY	61	14	Seventy Five	75	B+	Passes
3	EB20102003	ABDULLAH BIN ANIS	47	12	Fifty Nine	59	C-	Passes
4	EB20102004	ABDULLAH SOHAIL	66	12	Seventy Eight	78	B+	Passes
5	EB20102005	ABU BAKAR	71	12	Eighty Three	83	A-	Passes
6	EB20102006	ADNAN			Zero	0	F	Fail in Th. & Pr.
7	EB20102007	AFFAN BIN INAM	66	13	Seventy Nine	79	B+	Passes
8	EB20102008	AFRA TASAWAR	66	14	Eighty only	80	A-	Passes
9	EB20102009	AHMED MUSTAFA	63	14	Seventy Seven	77	B+	Passes
10	EB20102010	AHMED ZAMAN	58	12	Seventy only	70	B-	Passes
11	EB20102011	AHTESHAM AKRAM	63	12	Seventy Five	75	B+	Passes
12	EB20102012	AMMAR SIDDIQUI	42	10	Fifty Two	52	D	Passes
13	EB20102014	ANUM NAZEER	60	13	Seventy Three	73	B	Passes
14	EB20102015	ARBAZ ALI KHAN	72	15	Eighty Seven	87	A	Passes
15	EB20102017	AREEJ MEHBOOB	67	14	Eighty One	81	A-	Passes
16	EB20102018	AREESHA SIDDIQUI	68	15	Eighty Three	83	A-	Passes
17	EB20102019	ARQAM RIZWAN	76	17	Ninety Three	93	A+	Passes
18	EB20102020	ASHA	66	14	Eighty only	80	A-	Passes
19	EB20102021	ASHAR	59	15	Seventy Four	74	B	Passes
20	EB20102022	ATEEB-UL-HAQ	71	17	Eighty Eight	88	A	Passes
21	EB20102023	ATTA UL NOOR	69	13	Eighty Two	82	A-	Passes
22	EB20102024	AWAIS	55	12	Sixty Seven	67	C+	Passes
23	EB20102026	BISMA OBAID	67	16	Eighty Three	83	A-	Passes
24	EB20102027	EZAN ASIF	70	15	Eighty Five	85	A	Passes
25	EB20102028	FAHAD ALI RAUF SIDDIQUI	57	14	Seventy One	71	B	Passes
26	EB20102029	FAIZ ALI KHAN			Zero	0	F	Fail in Th. & Pr.
27	EB20102030	FARAH ILYAS	67	10	Seventy Seven	77	B+	Passes
28	EB20102031	FARZAM AHMED	64	12	Seventy Six	76	B+	Passes
29	EB20102032	FATIMA AHSAN	67	16	Eighty Three	83	A-	Passes
30	EB20102033	FUNSUB SHUMAISSA	69	15	Eighty Four	84	A-	Passes
31	EB20102034	HAFIZ MUHAMMAD ANAS	46	12	Fifty Eight	58	C-	Passes
32	EB20102035	HAFIZA ARYSHA KHAN	56	15	Seventy One	71	B	Passes
33	EB20102036	HAMMAD ALI	65	14	Seventy Nine	79	B+	Passes

Date: 16 - 02 - 2021

Signature of Teacher\_\_\_\_\_

Chairman\_\_\_\_\_

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34	EB20102037	HAMMAD ALI	44	12	Fifty Six	56	D+	Passes
35	EB20102038	HAMZA	77	18	Ninety Five	95	A+	Passes
36	EB20102039	HAMZA AHMED SIDDIQUI	66	16	Eighty Two	82	A-	Passes
37	EB20102040	HAMZA SHAH KHAN	54	11	Sixty Five	65	C+	Passes
38	EB20102041	HAMZA ZAFAR			Zero	0	F	Fail in Th. & Pr.
39	EB20102042	HIFZA HAMEED	75	16	Ninety One	91	A+	Passes
40	EB20102043	HUZAIFA HATIM	67	12	Seventy Nine	79	B+	Passes
41	EB20102044	IBRAHIM AHMED KHAN	64	15	Seventy Nine	79	B+	Passes
42	EB20102046	JUNAID AKHTER	59	13	Seventy Two	72	B	Passes
43	EB20102047	KENNETH	63	13	Seventy Six	76	B+	Passes
44	EB20102048	KHAIR UN NISA	66	15	Eighty One	81	A-	Passes
45	EB20102050	LARAIB ZAMAN	71	16	Eighty Seven	87	A	Passes
46	EB20102051	MAAZ AHMED	59	15	Seventy Four	74	B	Passes
47	EB20102052	MAHEEN TUFAIL ABBASI	67	15	Eighty Two	82	A-	Passes
48	EB20102053	MAHMASH AHMED KHAN	58	14	Seventy Two	72	B	Passes
49	EB20102054	MAJID ULLAH	53	12	Sixty Five	65	C+	Passes
50	EB20102055	MANAL SABA	65	14	Seventy Nine	79	B+	Passes
51	EB20102056	MARYAM ASHFAQ	66	15	Eighty One	81	A-	Passes
52	EB20102057	MEHMOOD UL HASSAN	56	14	Seventy only	70	B-	Passes
53	EB20102058	MIR SHAHRUKH SAHITO	51	12	Sixty Three	63	C	Passes
54	EB20102059	MIRZA MOIZ TAIMURI	40	12	Fifty Two	52	D	Passes
55	EB20102060	MOHSIN ALI	65	10	Seventy Five	75	B+	Passes
56	EB20102061	MOIZ AHMED	65	10	Seventy Five	75	B+	Passes
57	EB20102062	MOMINA SAQIB	64	16	Eighty only	80	A-	Passes
58	EB20102063	MUBASHIR AHMED	66	11	Seventy Seven	77	B+	Passes
59	EB20102064	M. ABDULLAH MUSHTAQ	70	13	Eighty Three	83	A-	Passes
60	EB20102065	M. ABDULLAH SHAFIQ USMANI	64	11	Seventy Five	75	B+	Passes
61	EB20102066	MUHAMMAD AHMED	63	14	Seventy Seven	77	B+	Passes
62	EB20102067	MUHAMMAD AHSAN ILYAS	58	13	Seventy One	71	B	Passes
63	EB20102068	MUHAMMAD ANAS RASHEED	64	13	Seventy Seven	77	B+	Passes
64	EB20102069	MUHAMMAD ARQAM ABDUR REHMAN	40	10	Fifty only	50	D	Passes
65	EB20102070	MUHAMMAD ASAD UR RAZA	61	14	Seventy Five	75	B+	Passes
66	EB20102071	MUHAMMAD ATIF SALEEM	40	13	Fifty Three	53	D+	Passes

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67	EB20102072	MUHAMMAD BILAL	61	14	Seventy Five	75	B+	Passes
68	EB20102073	MUHAMMAD DAWOOD	70	17	Eighty Seven	87	A	Passes
69	EB20102074	MUHAMMAD FAIZAN CHAWLA	52	15	Sixty Seven	67	C+	Passes
70	EB20102075	MUHAMMAD FARHAMAND	67	15	Eighty Two	82	A-	Passes
71	EB20102076	MUHAMMAD HAMMAD KHALID	61	16	Seventy Seven	77	B+	Passes
72	EB20102077	MUHAMMAD HAMZA ALI	51	13	Sixty Four	64	C+	Passes
73	EB20102078	MUHAMMAD HASSAN	59	11	Seventy only	70	B-	Passes
74	EB20102079	MUHAMMAD HASSAN RASHEED	51	13	Sixty Four	64	C+	Passes
75	EB20102080	MUHAMMAD IBRAHIM	60	14	Seventy Four	74	B	Passes
76	EB20102081	MUHAMMAD MASAB	59	13	Seventy Two	72	B	Passes
77	EB20102082	MUHAMMAD MASHHOOD UDDIN	59	14	Seventy Three	73	B	Passes
78	EB20102083	MUHAMMAD MOINUDDIN			Zero	0	F	Fail in Th. & Pr.
79	EB20102084	MUHAMMAD MUBASHIR HANIF	46	12	Fifty Eight	58	C-	Passes
80	EB20102085	MUHAMMAD MUKARRAM ASAD	72	14	Eighty Six	86	A	Passes
81	EB20102086	MUHAMMAD MUSAB	63	16	Seventy Nine	79	B+	Passes
82	EB20102088	MUHAMMAD NAIM SIDDIQUE	77	16	Ninety Three	93	A+	Passes
83	EB20102089	MUHAMMAD NAVEED RAZA	40	11	Fifty One	51	D	Passes
84	EB20102090	MUHAMMAD NAZIR QUDRAT	70	17	Eighty Seven	87	A	Passes
85	EB20102091	MUHAMMAD OBAID	62	14	Seventy Six	76	B+	Passes
86	EB20102092	MUHAMMAD OSAMA AHMED	64	16	Eighty only	80	A-	Passes
87	EB20102093	MUHAMMAD SAMEER UN NABI	60	14	Seventy Four	74	B	Passes
88	EB20102094	MUHAMMAD SARIM KHAN	66	13	Seventy Nine	79	B+	Passes
89	EB20102095	M. SULAIMAN HAROON	60	14	Seventy Four	74	B	Passes
90	EB20102096	MUHAMMAD TAHIR ALI	58	14	Seventy Two	72	B	Passes
91	EB20102097	MUHAMMAD TALHA MUKHTAR	64	13	Seventy Seven	77	B+	Passes
92	EB20102098	MUHAMMAD UMER SALEEM	42	13	Fifty Five	55	D+	Passes
93	EB20102099	MUHAMMAD USMAN SIDDIQUI	73	14	Eighty Seven	87	A	Passes
94	EB20102100	MUHAMMAD UZAIR ABID	70	14	Eighty Four	84	A-	Passes
95	EB20102101	MUHAMMAD ZAHEER QURESHI	65	12	Seventy Seven	77	B+	Passes
96	EB20102102	MUHAMMAD ZAYYAN ALI	48	13	Sixty One	61	C	Passes
97	EB20102103	MUNAAM AHMED KHAN DURRANI	66	15	Eighty One	81	A-	Passes
98	EB20102105	MUZAMMIL SIDDIQUI	66	12	Seventy Eight	78	B+	Passes
99	EB20102106	OSAMA ALI	59	14	Seventy Three	73	B	Passes

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Course No. BSCS - 402

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Credit Hours 2 + 1

S.#.	Seat No.	Student's Name	Theory 80	Lab 20	Total in Words	Final Grade NG AG		Remarks
100	EB20102107	OSAMA AMIR	70	15	Eighty Five	85	A	Passes
101	EB20102108	OSAMA SIDDIQUI	63	14	Seventy Seven	77	B+	Passes
102	EB20102109	PAWAN	40	13	Fifty Three	53	D+	Passes
103	EB20102110	RAHAT	60	14	Seventy Four	74	B	Passes
104	EB20102111	RAO AARAF YOUNUS	44	12	Fifty Six	56	D+	Passes
105	EB20102112	RAO MUHAMMAD MEHMOOD	53	16	Sixty Nine	69	B-	Passes
106	EB20102113	REHMAN	65	13	Seventy Eight	78	B+	Passes
107	EB20102114	RIZWAN	65	13	Seventy Eight	78	B+	Passes
108	EB20102115	SAAD ALI KHAN	70	16	Eighty Six	86	A	Passes
109	EB20102116	SAIFULLAH VEESAR	44	12	Fifty Six	56	D+	Passes
110	EB20102117	SARAIB ALIAS ZAIN	54	12	Sixty Six	66	C+	Passes
111	EB20102118	SHAIKH MUHAMMAD SALMAN	74	17	Ninety One	91	A+	Passes
112	EB20102119	SHAN	44	12	Fifty Six	56	D+	Passes
113	EB20102120	SHARJEEL BADAR SHAIKH	52	12	Sixty Four	64	C+	Passes
114	EB20102121	SHAYAN	67	14	Eighty One	81	A-	Passes
115	EB20102122	SHEROZE REHMAN	57	15	Seventy Two	72	B	Passes
116	EB20102123	SHOAIB HASSAN	62	16	Seventy Eight	78	B+	Passes
117	EB20102124	SUHAIL HASSAN			Zero	0	F	Fail in Th. & Pr.
118	EB20102125	SUMAYYA KAMRAN	72	17	Eighty Nine	89	A	Passes
119	EB20102126	SYED FAHAD AHMED SHAH	69	18	Eighty Seven	87	A	Passes
120	EB20102127	SYED HUSSAIN ABBAS	75	16	Ninety One	91	A+	Passes
121	EB20102128	SYED HUZAIFA ALI	65	15	Eighty only	80	A-	Passes
122	EB20102129	SYED MUHAMMAD DANISH	47	12	Fifty Nine	59	C-	Passes
123	EB20102130	SYED MUHAMMAD DANIYAL ZAIDI	65	14	Seventy Nine	79	B+	Passes
124	EB20102131	SYED MUHAMMAD MUJTABA NAQVI	67	16	Eighty Three	83	A-	Passes
125	EB20102133	SYED SHAHMEER ALI	61	13	Seventy Four	74	B	Passes
126	EB20102134	SYED SHAHZAIB AHMED	57	12	Sixty Nine	69	B-	Passes
127	EB20102135	TAHA	47	13	Sixty only	60	C-	Passes
128	EB20102136	TALHA AZEEM	57	12	Sixty Nine	69	B-	Passes
129	EB20102137	TANZEEL	59	13	Seventy Two	72	B	Passes
130	EB20102138	TARIQ	60	15	Seventy Five	75	B+	Passes
131	EB20102139	TOUQEER ABBAS CHOCHAN			Zero	0	F	Fail in Th. & Pr.
132	EB20102140	UMAIR IQBAL	75	18	Ninety Three	93	A+	Passes
133	EB20102141	UMER FAROOQ	65	15	Eighty only	80	A-	Passes
134	EB20102142	USAID SHAKIL	47	14	Sixty One	61	C	Passes

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(SEMESTER EXAMINATION)  
FACULTY OF SCIENCE  
EVENING PROGRAM

Department **Computer Science**  
Major Department **Computer Science**  
Teacher's Name **Ms. Farzeen Ashfaq**  
Course No. **BSCS - 402**

Class **BS- 2nd year**  
 Year **2021** Semester **2nd**  
 Date of Examination held **11 - 01 - 2022**  
 Course Title: **Data Structures**

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Chairman

# University of Karachi

(SEMESTER EXAMINATION)  
FACULTY OF SCIENCE  
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No. PTO

Department Computer Science

Class BS- 2nd year

Major Department Computer Science

Year 2021 Semester 2nd

Teacher's Name Ms. Farzeen Ashfaq

Date of Examination held 11 - 01 - 2022

Course No. BSCS - 402

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Credit Hours 2 + 1

S.#.	Seat No.	Student's Name	Theory 80	Lab 20	Total in Words	Final Grade NG AG		Remarks
####					Zero	0	F	Fail in Th. & Pr.
####					Zero	0	F	Fail in Th. & Pr.
####					Zero	0	F	Fail in Th. & Pr.
####					Zero	0	F	Fail in Th. & Pr.
####					Zero	0	F	Fail in Th. & Pr.
####					Zero	0	F	Fail in Th. & Pr.
####					Zero	0	F	Fail in Th. & Pr.
####					Zero	0	F	Fail in Th. & Pr.

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# University of Karachi

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FACULTY OF SCIENCE

EVENING PROGRAM

No. PTO

Department Computer Science

Class BS- 2nd year

Major Department Computer Science

Year 2021 Semester 2nd

Teacher's Name Ms. Farzeen Ashfaq

Date of Examination held 11 - 01 - 2022

Course No. BSCS - 402

Course Title: Data Structures

Credit Hours 2 + 1

S.#.	Seat No.	Student's Name	Theory	Lab	Total in	Final Grade		Remarks
			80	20	Words	NG	AG	

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S.#.	Seat No.	Student's Name	Theory 80	Lab 20	Total in Words	Final Grade NG AG	Remarks
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S.#.	Seat No.	Student's Name	Theory	Lab	Total in	Final Grade		Remarks
			80	20	Words	NG	AG	

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S.#.	Seat No.	Student's Name	Theory	Lab	Total in Words	Final Grade		Remarks
			80	20		NG	AG	
	23			23	F			
	24			24	F			
	25			25	F			
	26			26	F			
	27			27	F			
	28			28	F			
	29			29	F			
	30			30	F			
	31			31	F			
	32			32	F			
	33			33	F			
	34			34	F			
	35			35	F			
	36			36	F			
	37			37	F			
	38			38	F			
	39			39	F			
	40			40	F			
	41			41	F			
	42			42	F			
	43			43	F			
	44			44	F			
	45			45	F			
	46			46	F			
	47			47	F			
	48			48	F			
	49			49	F			
	50			50	D			
	51			51	D			
	52			52	D			
	53			53	D+			
	54			54	D+			
	55			55	D+			
	56			56	D+			
	57			57	C-			
	58			58	C-			

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			80	20		NG	AG	
	59			59	C-			
	60			60	C-			
	61			61	C			
	62			62	C			
	63			63	C			
	64			64	C+			
	65			65	C+			
	66			66	C+			
	67			67	C+			
	68			68	B-			
	69			69	B-			
	70			70	B-			
	71			71	B			
	72			72	B			
	73			73	B			
	74			74	B			
	75			75	B+			
	76			76	B+			
	77			77	B+			
	78			78	B+			
	79			79	B+			
	80			80	A-			
	81			81	A-			
	82			82	A-			
	83			83	A-			
	84			84	A-			
	85			85	A			
	86			86	A			
	87			87	A			
	88			88	A			
	89			89	A			
	90			90	A+			
	91			91	A+			
	92			92	A+			
	93			93	A+			
	94			94	A+			

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	95			95	A+		
	96			96	A+		
	97			97	A+		
	98			98	A+		
	99			99	A+		
	100			100	A+		

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(SEMESTER EXAMINATION)  
FACULTY OF SCIENCE  
EVENING PROGRAM

Date: 16 - 02 - 2021

Signature of Teacher\_\_\_\_\_

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