

VIDYASAGAR UNIVERSITY



BELDA COLLEGE

M.Sc. 1st SEMESTER EXAMINATION 2020

IN

APPLIED MATHEMATICS WITH OCEANOLOGY AND COMPUTER PROGRAMMING

The following is the statement of marks and grades obtained by **RONI PAUL**

Roll : **PG/VUWGS02/MTM/IS No. 0022** Registration No. **02094** of **2020-2021** in **M.Sc. 1st Semester Examination 2020**

COURSE NO	COURSE TITLE	MARKS OBTAINED				LETTER GRADE	GRADE POINTS	CREDIT	CREDIT POINTS
		FULL MARKS	INTERNAL EXAMINATION (08/10)	END-OF-SEMESTER EXAMINATION (20/40)	TOTAL				
THEORY PAPERS									
MTM 101	REAL ANALYSIS	50	08	33	41	A+	9	4	36
MTM 102	COMPLEX ANALYSIS	50	07	33	40	A+	9	4	36
MTM 103	ORDINARY DIFFERENTIAL EQUATIONS AND SPECIAL FUNCTIONS	50	09	32	41	A+	9	4	36
MTM 104	ADVANCED PROGRAMMING IN C AND MATLAB	50	09	35	44	A+	9	4	36
MTM 105	CLASSICAL MECHANICS AND NON - LINEAR DYNAMICS	50	09	32	41	A+	9	4	36
MTM 106	GRAPH THEORY	25	04	17	21	A+	9	2	18
TOTAL OF THEORY PAPERS		275			228			22	198
PRACTICAL PAPERS									
MTM 197	LAB 1: COMPUTATIONAL METHODS : USING MATLAB	25		20	20	A+	9	2	18
TOTAL OF PRACTICAL PAPERS		25			20			2	18
TOTAL		300			248			24	216
1st SEMESTER RESULT									
SGPA	TOTAL PERCENTAGE (%) OF MARKS	REMARKS							
9.00	82.67	sq							
SQ Semester Qualified									

Principal

Belda College

Prepared by

(VIDE REVERSE)

Controller of Examinations
(Vidyasagar University)

RULES & REGULATIONS FOR POST GRADUATE EXAMINATION w.e.f. 2016-17

- a) The final performance in a paper shall be taken as the total or aggregate of the marks obtained in internal assessment evaluation and the marks obtained at the Semester Examinations.
- b) The qualifying marks for each theory paper shall be 30% and in the aggregate in each Semester it shall be 40%.
- c) A student who secures 40% in aggregate in a Semester but scores less than 30% in not more than two theory papers (Theory / Practical) shall be provisionally promoted to the next Semester, but declared failed in the papers in which he / she scores less than 30%. He / She shall be required to clear these back papers in next two chances. For these papers the qualifying marks shall be 30%.
- d) A student who does not secure 40% in aggregate in the Semester but secures 40% in all but two theory papers in the Semester, shall provisionally be promoted to the next Semester but declared failed in the papers in which he / she secured less than 40%. He / She shall be required to clear these back papers in next two chances subject to the conditions stipulated in (h).
- e) If a student fails to qualify in more than two papers in a Semester, he / she will have to repeat the Semester in the next academic session.
- f) A student may have a maximum of 4 back papers at any time of his /her tenure.
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- h) The back papers of fourth semester shall be cleared in a special examination to be conducted within six week of the publication of the results or in the regular examination in the next academic session, to be decided by the Controller of Examinations.
- i) A student shall have to qualify in all the semesters to qualify for the degree.
- j) A student shall be allowed a maximum of consecutive four years to complete the two year Post-Graduate Programme of the University.
- k) Class / Division will be awarded only in the Final Semester Examination.

The marks can be converted to Grade Point with the following formula :

Percentage of Marks obtained	Grade	Grade Points (Gi)
90 & above	O (Outstanding)	10
80 - 89	A+ (Excellent)	9
70 -79	A (Very Good)	8
60 - 69	B+ (Good)	7
50 -59	B (Above Average)	6
40 - 49	C (Average)	5
30 - 39	P (Pass)	4
Below 30	F (Fail)	0
Absent	Ab	0

Semester Grade Point Average (SGPA): SGPA for each semester will be calculated using the formula :

$$SGPA (Si) = \frac{\sum (Ci \times Gi)}{\sum Ci} \quad \text{Where } Ci = \text{Credit hour, } Gi = \text{Grade point}$$

Cumulative Grade Point Average (CGPA): CGPA for all semesters will be calculated using the formula :

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VIDYASAGAR UNIVERSITY



BELDA COLLEGE

M.Sc. 2ND SEMESTER EXAMINATION 2021

IN

APPLIED MATHEMATICS WITH OCEANOLOGY AND COMPUTER PROGRAMMING

The following is the statement of marks and grades obtained by **RONI PAUL**

Roll : PG/VUWGS02/MTM/IIS. No. : 0022 Registration No. : 02094 of 2020-2021 in M.Sc. 2nd Semester Examination 2021

COURSE NO.	GROUP / UNIT	COURSE TITLE	FULL MARKS	MARKS OBTAINED			LETTER GRADE	GRADE POINTS	CREDIT POINTS
				INTERNAL ASSESSMENT (05/10)	END SEMESTER EXAMINATION (20/40/50)	TOTAL			
THEORY PAPERS									
MTM 201		FLUID MECHANICS	50	08	28	36	A	8	4
MTM 202		NUMERICAL ANALYSIS	50	08	30	38	A	8	4
MTM 203.1	MTM 203.1	ABSTRACT ALGEBRA	25	04	19	23	B	6	2
MTM 203.2	MTM 203.2	LINEAR ALGEBRA	25	05	17	22	B	6	2
C-PHS 204		ELECTIVE : PHYSICS CONCEPTS OF PHYSICS : INVENTIONS AND APPLICATION (CBCS)	50	09	31	40	A+	9	4
MTM 205		GENERAL THEORY OF CONTINUUM MECHANICS	50	09	32	41	A+	9	4
MTM 206		GENERAL TOPOLOGY	25	05	16	21	A+	9	2
TOTAL OF THEORY PAPERS			275			221		22	194
PRACTICAL PAPERS									
MTM 207		LAB.2 (LANGUAGE : C - PROGRAMMING WITH NUMERICAL METHODS)	25		20	20	A+	9	2
TOTAL OF PRACTICAL PAPERS			25			20		2	18
TOTAL			300			241		24	212
2ND SEMESTER SGPA	TOTAL PERCENTAGE (%) OF MARKS		RESULT			REMARKS			
8.83	80.33		SQ			Qualified for 3rd Semester Examination			
SQ: Semester Qualified									

BELDA COLLEGE

Prepared by

(VIDE REVERSE)

Controller of Examinations

(VidyaSagar University)

RULES & REGULATIONS FOR POST GRADUATE EXAMINATION w.e.f. 2016-17

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- j) A student shall be allowed a maximum of consecutive four years to complete the two year Post-Graduate Programme of the University.
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The marks can be converted to Grade Point with the following formula :

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90 & above	O (Outstanding)	10
80 - 89	A+ (Excellent)	9
70 - 79	A (Very Good)	8
60 - 69	B+ (Good)	7
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40 - 49	C (Average)	5
30 - 39	P (Pass)	4
Below 30	F (Fail)	0
Absent	Ab	0

Semester Grade Point Average (SGPA): SGPA for each semester will be calculated using the formula :

$$SGPA (Si) = \frac{\sum (Ci \times Gi)}{\sum Ci} \quad \text{Where } Ci = \text{Credit hour, } Gi = \text{Grade point}$$

Cumulative Grade Point Average (CGPA): CGPA for all semesters will be calculated using the formula :

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VIDYASAGAR UNIVERSITY



BELDA COLLEGE

M.Sc. 3RD SEMESTER EXAMINATION 2021

IN

APPLIED MATHEMATICS WITH OCEANOLOGY AND COMPUTER PROGRAMMING

The following is the statement of marks and grades obtained by **RONI PAUL**

Roll : PG/VUWGS02/MTM/IIIS No. :0022 Registration No. : 02094 of : 2020-2021 in **M.Sc. 3rd Semester Examination 2021**

COURSE NO.	GROUP /UNIT	COURSE TITLE	FULL MARKS	MARKS OBTAINED			LETTER GRADE	GRADE POINTS	CREDIT	CREDIT POINTS
				INTERNAL ASSESSMENT (05/10)	END SEMESTER EXAMINATION (20/40/50)	TOTAL				
THEORY PAPERS										
MTM 301		PARTIAL DIFFERENTIAL EQUATIONS AND GENERALIZED FUNCTIONS	50	08	32	40	A+	9	4	36
MTM 302		TRANSFORMS AND INTEGRAL EQUATIONS	50	09	31	40	A+	9	4	36
MTM 303	MTM 303.1	DYNAMICAL OCEANOLOGY AND METEOROLOGY	25	03	17	41	A+	9	4	36
	MTM 303.2	OPERATIONS RESEARCH	25	03	18					
C-PHS 304		ELECTIVE :PHYSICS INTRODUCTORY ASTROPHYSICS (CBCS)	50	08	30	38	A	8	4	32
MTM 305	MTM 305 B	SPECIAL PAPER : OPERATIONS RESEARCH (OR) ADVANCED OPTIMIZATION AND OPERATIONS RESEARCH	50	08	35	43	A+	9	4	36
MTM 306	MTM 306 B	SPECIAL PAPER : OPERATIONS RESEARCH (OR) OPERATIONAL RESEARCH MODELLING - I	50	05	32	37	A	8	4	32
TOTAL OF THEORY PAPERS			300			239			24	208
TOTAL			300			239			24	208
3RD SEMESTER SGPA		TOTAL PERCENTAGE (%) OF MARKS	RESULT		REMARKS					
8.67		79.67	SQ		Qualified for 4th Semester Examination SQ: Semester Qualified					

[Signature]

Principal
BELDA COLLEGE

Prepared by

(Vidyasagar University)

[Signature]

Controller of Examinations
(Vidyasagar University)



RULES & REGULATIONS FOR POST GRADUATE EXAMINATION w.e.f. 2016-17

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BELDA COLLEGE

M.Sc. 4TH SEMESTER EXAMINATION 2022

IN

APPLIED MATHEMATICS WITH OCEANOLOGY AND COMPUTER PROGRAMMING

The following is the statement of marks and grades obtained by **RONI PAUL**Roll : PG/VUWGS02/MTM-IVS No. : 0022 Registration No. 02094 of 2020-2021 in **M.Sc. 4th SEMESTER EXAMINATION 2022**

COURSE NO	GROUP/ UNIT	COURSE TITLE	FULL MARKS	MARKS OBTAINED			LETTER GRADE	GRADE POINTS	CREDIT	CREDIT POINTS
				INTERNAL ASSESSMENT (10/05)	END SEMESTER EXAMINATION (50/40/25/20)	TOTAL				
THEORY PAPERS										
MTM 401		FUNCTIONAL ANALYSIS	50	08	31	39	A	8	4	32
MTM 402	MTM 402.1	FUZZY MATHEMATICS WITH APPLICATIONS	25	05	18					
	MTM 402.2	SOFT COMPUTING	25	05	11	39	A	8	4	32
MTM 403	MTM 403.1	MAGNETO HYDRO DYNAMICS	25	04	06					
	MTM 403.2	STOCHASTIC PROCESS AND REGRESSION	25	03	13	26	B	6	4	24
MTM 404 B		SPECIAL PAPER : OPERATIONS RESEARCH AND OPTIMIZATION NONLINEAR OPTIMIZATION	50	08	26	34	B+	7	4	28
MTM 405 B		SPECIAL PAPER : OPERATIONS RESEARCH AND OPTIMIZATION OPERATIONAL RESEARCH MODELLING - II	25	05	12	17	B+	7	2	14
TOTAL OF THEORY PAPERS			225			155			18	130
PRACTICAL PAPERS										
MTM 406		DISSERTATION PROJECT WORK	50		35	35	A	8	4	32
MTM 495 B		SPECIAL PAPER : OPERATIONS RESEARCH AND OPTIMIZATION O.R. METHOD USING MATLAB AND LINGO	25		22	22	A+	9	2	18
TOTAL OF PRACTICAL PAPERS			75			57			6	50
TOTAL MARKS			300			212			24	180
SEMESTER-IV		SEMESTER	FULL MARKS	MARKS OBTAINED	% OF MARKS	RESULT	SGPA	REMARKS		
TOTAL PERCENTAGE (%) OF MARKS	RESULT	4TH	300	212	70.67	SQ	7.50	Passed in First Class		
		3RD	300	239	79.67	SQ	8.67			
		2ND	300	241	80.33	SQ	8.83			
		1ST	300	248	82.67	SQ	9.00			
Final result (1st-4th Semester)			1200	940	78.33	I	CGPA : 8.50			

60% and above - 1st class, 40% and above but below 60% - 2nd class

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