GONDWANA UNIVERSITY, GADCHIROLI

DIRECTION NO. 21 of 2017.

EXAMINATION LEADING TO AWARD OF THE THREE YEARS BACHELOR OF BUSINESS ADMINISTRATION (B.B.A.) (SIX SEMESTER DEGREE COURSE) BASED ON BASED CREDIT SYSTEM IN THE FACULTY OF COMMERCE AND MANAGEMENT, DIRECTION, 2017.

(Issued under Provision of Section 12(8) of the Maharashtra Public Universities Act, 2016.)

Whereas, The Maharashtra Public Universities Act, 2016 has come into force with effect from 1st March 2017(Maharashtra Act No. VI of 2017) (hereinafter referred to as the Act);

AND

Whereas, the above mentioned Act is applicable to the Gondwana University, Gadchiroli from 1st March, 2017;

AND

Whereas, the chairman, U.G.C. New Delhi has directed the Vice-Chancellor of the university to initiate steps for successful implementation of the choice based credit system(CBCS) from the Academic Session 2015-16 vide letter D.O.No.F-1-1/2015(CM) dated 8/01/2015;

AND

Whereas, the U.G.C. has formulated and issued guidelines on adoption of choice based credit system in all the universities;

AND

Whereas, the Vice-Chancellor has directed, on the basis of the resolution of the authorities of the university, to formulate and introduce choice based credit system at U.G. and P.G. level programme in all the faculties in the university;

AND

Whereas, the matter to introduce choice based credit system is required to be regulated by an ordinance to be made in this behalf;

AND

Whereas, no Ordinance is in existence in the university for introducing choice based credit system in the faculty of Commerce and Management;

AND

Whereas, making of an Ordinance for introducing choice based credit system in the faculty of Commerce and Management is a time consuming process;

AND

Whereas, the choice based credit system is to be introduced at the Bachelor of Business Administration Degree level in the faculty of Commerce and Management from the Academic year 2017-18.

Now, therefore, I, Dr. N.V. Kalyankar, Vice-chancellor, Gondwana University, Gadchiroli in exercise of the powers vested in me under provision of section 12(8) of the Maharashtra Public Universities Act, 2016 do hereby issue following Directions:-

- 1. This Direction shall be called "Examinations leading to the Degree of Bachelor of Business Management (B.B.A.) (Six semester Degree Course) based on Choice based credit system in the faculty of Commerce and Management, Direction, 2017."
- **2.** This Direction shall come into force with effect from the Academic year 2017-18 for Ist and IInd semester of the Bachelor degree course and onwards i.e. Bachelor of Business Administration Degree.

TYPES OF COURSES

- 3. **Type of Courses : -** Courses in a Program may be of three kinds: Core, Elective & Foundation.
 - 1) Core course : This is the course which is to be studied compulsorily by a student as a core requirement of a Program in a said discipline of study.

2) Elective Courses:

Elective course is a course which is to be chosen from a pool of papers, it may be

- Supportive to the discipline of study.
- Providing an expanded scope.
- Enabling learner to get an exposure to some other discipline / domain
- Nurturing students' proficiency /skill.

An Elective may be generic elective, focusing on those courses, which add generic proficiency. An elective may be discipline centric (Discipline Specific Electives, DSE) or may be chosen from an unrelated discipline. It may be called Generic Elective/Open Elective.

3) Foundation Course:

May be of two kinds: *Compulsory Foundation (Ability Enhancement Compulsory Course)* & *Elective Foundation* (*Skill Enhancement Course*). Compulsory foundation is those courses **10** | P a g e

based upon a content that leads to knowledge enhancement. They are mandatory for all disciplines. Elective foundation courses are value-based & aimed at man-making education.

4 Salient features of Course:

- (I) i) Each semester up to semester 4th, shall consists of 7 papers whereas semester 5th and 6th shall consist of 6 papers each.
 - ii) Total credits for BBA would be 132.
 - iii) Each regular student will have to appear for all the credits of each semester mentioned in the scheme.
- (II) The duration of the B.Com. and BBA shall be of three academic years consisting of six semesters with the University examinations at the end of each semester namely:
 - B.B.A.. Part I: Semester I & Semester II Examinations
 - B.B.A. Part II: Semester III & Semester IV Examinations
 - B.B.A. Part III: Semester V & Semester VI Examinations

Examination will be held as per the time-table schedule decided during Academic year by University

Sr. No.	Name of the Examination	Main Examination	Supplementary Examination
1	B.B.A. – Semester I, III,V	Winter	Summer
2	B.B.A. – Semester II, IV,VI	Summer	Winter

ELIGIBILITY

5. Subject to his compliance with the provisions of this Direction and of other Ordinances in force from time to time, an applicant for admission to the **Semester I examination** of the degree courses offered with this Direction shall have the eligibility as mentioned below:-

The 12th Standard Examination of the Maharashtra State Board of Secondary/Higher secondary Education or/ and examination recognized as equivalent thereto with English as one of the subjects of passing and in such subject and with such standard of attainments as may be prescribed;

OR

The XII Standard Examination of Maharashtra State Board of Secondary and Higher Secondary Education in Vocational of MCVC Stream with one Language only;

OR

Passed the —Diploma in Education with English as one of the passing subjects, conducted by the Education Institute, Pune.

EXAMINATION AND EVALUATION SCHEME

6. 1) Evaluation Scheme

Assessment procedure incorporates a suitable evaluation system supported by model Credit Grade System' involving letter grades as per the suggested guidelines by, UGC for under graduate programs in the Faculty of Commerce and Management.

The evaluation of students in a course is a continuous process and is based on their performance in different methodological tests/examinations as mentioned below:

Theory Subject with or without Practical component:---

It is broken into various components as mentioned below;

- i) Internal Assessment (IA) It will be carrying 20% weightage and shall be monitored based on parameters like, assignments, class tests, seminars, project, oral examination etc. and that the break-up of weightage to these parameters are as specified in the syllabus of the given subject.
- **ii) End Semester Examination (ESE)** This parameter shall carry weightage of 80% for theory subjects without practical component and the examination will be conducted by the Affiliating University at the end of the Semester.
- **Passing in Course:** There will be a combined head of passing with 40% of marks combinedly in IA and ESE and separate passing with 40% marks in practical.

The **Table 1** given below summarizes weightage in percent to the individual components of proposed _Evaluation System' to be adapted for the theory subjects with and without practical component of UG programs in the Faculty of Commerce and Management.

	Table 1: Evaluation System														
F	or Theory Subj	ject	I	For Theory Subject having											
ESE	Internal Assessment	Total	ESE	Internal Assessment	Practical	Total									
80	20	100	60	15	25	100									
60	15	75													

Pattern of End Semester Examination:

- 2) (1) There will be **four** units in each paper
 - (2) Question paper will consist of five questions and all questions shall be compulsory.

- (3) First four questions will be based on four units as Specified in the Syllabi of the givensubject with internal choice only.
- (4) Fifth question will be compulsory having subject questions from each of the four units with equal weightage and there will be no internal choice.
- (5) Each paper will be of 3 hours duration.
- (6) Minimum passing marks in each head ESE+IA and Practical will be 40%.

3) Promotion /Absorption Scheme

The admission to the given Degree Course shall be subject to ATKT rules as given below.

Admission to Semester	Candidate should have passed in following examinations	Eligibility for admission
Semester – I	*	
Semester –II	1	Candidate should have appeared in at least 01 Theory paper of Semester I
Semester-III		Candidate should have passed 40% subjects each of Semester –I & Semester II
Semester—IV		Candidate should have passed 40% subjects each of Semester –I & Semester II & appeared in at least 01 Theory paper of Semester III
Semester –V	Semester I & II	Candidate should have passed Sem. I & II & 40% subjects each of Semester –III & IV
Semester-VI		Candidate should have passed 40% subjects each of Semester –III & Semester IV & appeared in at least 01 Theory paper of Semester V

^{* -} as mentioned above in para 5.

- 4) That an examinee who have passed in any subject/s shall, at his option, be exempted from appearing in that subject at the subsequent examination.
- 5) The fees for the examination shall be as prescribed by the university from time to time and whenever any change is made in the fees prescribed for the examination that shall be notified through a notification for information of the examinees concerned.
- 6) The subjects of examination shall be as mentioned in CBCS structure mentioned under Appendices I,II,III,IV,V and VI appended to this direction for the degree course.
- 7) The Scope of the subject shall be as indicated in the Syllabi.

Model Credit-Grade System

- 7. As per the guidelines suggested by UGC, all the central, state and deemed universities in India, it is now mandatory to adopt credit system in place of conventional system comprising of marks and grades for all the undergraduate programs. The central idea of the system is that a student has to earn a prescribed minimum number of credits to fulfill the requirements of graduation. The credit system has to be designed uniformly together with a suitable continuous evaluation and a well-articulated system of grading.
 - i) All evaluations of different components of a course specified in the course plan i.e. scheme shall be done in marks for each student.
 - ii) The marks of various components of Internal Assessment and university conducted examination i.e. ESE shall be added to get total marks secured for the given course. For example, out of a total of 100 marks for theory subjects.
 - iii) These letter grades are assigned numerical equivalents called Grade Points, **GP** on a 07- point scale and are correlated with percentage score of the student in the given course as shown in the **Table 2** given below.
 - iv) For the given course, the adopted criteria of percentage marks given below shall then be used for the computation of grades and grade points.
 - v) F grade stands for failure in that course examination. The course(s) in which a student has earned F-grade will be termed as back-log i.e. course(s) under ATKT. Such a student will be required to reappear in the given course examination as per the specified provision.
 - vi) "X grade is awarded to a student who is absent in the examination or is not allowed to appear or could not appear in end semester examination (ESE) in a particular subject due to any reason, though he might have undergone other components of Internal Assessment, Practical etc. Such a student will be required to reappear in the given subject in which he/she has secured X –grade.

Table 2: Criteria for Award of Grades

Grade	Percentage score	Grade Points
О	75 -100	10
A	60-74	09
В	55-59	08
С	45-54	07
D	40-44	06
F	0-39	00
X	Absent in Examination	

Credit Points (CP)

Credit points stands for performance of student in a particular subject. They are product of total credits of a subject and grade point secured by the student in the given subject.

Semester Grade Point Average (SGPA)

It is indicative of performance of a student in the given semester. The Grade Point Average for a semester is obtained by adding the products of Actual Grade Points and relative weightages for different subjects as shown in the course scheme for respective semester and dividing the total by the total credit hours for that semester as illustrated below.

SGPA =
$$[C_iG_i + C_{ii}G_{ii} + + C_nG_n] / (C_i + C_{ii} + ... + C_n)$$

Where, C – No of Credits of individual subject.

G – Corresponding grade point obtained in the respective subject.

Cumulative Grade Point Average (CGPA)

The Cumulative Grade Point Average (CGPA) is indicative of the overall academic performance of a student in all the subjects registered up to and including the latest completed semester. It is the cumulative total of the products of actual grade point and its weightage upto last semester divided by total credits of all the semesters.

$$CGPA = \sum_{i=1}^{n} c_i g_i / \sum_{i=1}^{n} c_i$$

- (1) A student who PASSES in the each head of passing shall be granted exemption in that paper. But, if he passes in practical and fails in combined head of ESE+IA of a subject, shall reappear for the ESE of the given subject. However, his/her marks of the IA and P shall be carried over and he/she shall be entitled for grade obtained by him/her on passing of the end semester examination of the given subject.
- A student who FAILS in the Practical/Project but PASSES in the ESE+IA of a subject shall submit and reappear for the Practical/Project for that subject. However, his/her marks of the ESE+IA shall be entitled for grade obtained by him/her on qualifying in the Practical/Project evaluation.
 - (3) The marks for the IA or Practical/Project shall be forwarded by Principal/Head of the Institution to the Affiliating University as per the schedule.
 - (4) If a student is permitted to repeat any semester/course, the new letter grade will replace the old letter grade in the computation of the SGPA and further that every student will have only one grade-sheet for every semester and the last semester grade-sheet to indicate CGPA based on the adapted criteria for the Award of the Degree.

► ABBREVIATIONS USED

a.C : Credits b.G : Grade

c.GP : Grade Points d.CP : Credit Points

e. ΣC : Sum of Credits points

f. CG : Credits X Grades (Product of Credits & Grades)

g.ΣCG : Sum of Product of Credits & Grades points

(5) The medium of instruction and examinations shall be English for B.B.A. Courses specified in this Direction.

- (6) The number of paper and maximum marks assigned to each paper and minimum marks an examinee must obtain in order to pass the given examination are as prescribed in the respective course and examination Schemes attached under Appendices with this Direction.
- (7) The examinee at each of the examination shall have option of not being declared s u c c e s s f u l at the examination in case he/she does not secure a minimum of 40% marks at the examination. Once this option is exercised, the option shall be binding on the examinee for that Semester examination only and it shall not be revoked under any circumstances.

An unsuccessful examinee, at any of the above examination shall have an option to carry his/her Internal Assessment and Practical marks for theory with or without having practical part to his/her successive attempt at the examination.

The examinee, however can forego his/her Internal Assessment marks for the subjects, in which case he/she shall be examined for a total of marks comprising the Internal Assessment & ESE or Internal Assessment, Practical and ESE together to form the min. passing marks of 40% at his/her successive attempts of the examination. Such an option may be availed by the examinee by indicating the same in his/her Application form for Examination and this option once exercised, it shall be —Final and Binding on the concerned examinee.

- (8) The external (Private) Candidates are not allowed for this programme
- (9) The provisions of Ordinance to provide grace marks for passing in a particular head and regarding improvement of Division (Higher class) and Condonation of Deficiency of marks in a subject shall apply to each examination under this Direction.
- (10) Every student have right to challenge the evaluation, if he/she failed in such paper of any doubt in his/her scoring as per the provisions made in respective Direction by the Affiliating University.

The provision regarding Revaluation/Challenge to valuation for the given subject of a particular End Semester Examination shall be applicable as specified in the relevant Direction.

- (11) The candidate may take all the examinations as per the provisions of ATKT Rules simultaneously but his result of final Semester shall not be declared unless he is declared successful at all lower semester examinations.
- (12) If an examinee failed to pass the under graduate programme within six successive years from the date of his/her first admission to particular programme, he/she shall be declared as —Not Fit for the Coursell (NFC) and he/she will not be allowed to appear further for any previous examination of the course. An ex-student for any Examination under this Direction shall be eligible for readmission to the subsequent Examination on payment of fresh and any such other fees as may be prescribed on this behalf.
- (13) As soon as possible after the Semester End examination, the Board of Examination and evaluation shall publish a list of successful examinees at the Semester I, II, III, IV, V, and VI Examinations respectively.
- (14) Notwithstanding anything to the contrary in this Direction, no person shall be admitted to an examination under this Direction, if he has already passed that examination or an equivalent examination of any other Statutory University.
- (15) (i) The examinee who have secured pass grade —D in all the subjects prescribed for all the examinations shall be eligible for the award of (3 year- 6 Semester) Degree in the Faculty of Commerce and Management.
 - (ii) The Classification of Division of Examinees for the award of the Degree courses specified in this Direction shall be on the basis of Cumulative Grade Point Average CGPA evaluated by accounting SGPA of Semester of V & VI Semesters.
 - (iii) The Degree, in the prescribed form, shall be signed by the Hon'ble Vice-Chancellor.

Date:21/07/2017 Place: Gadchiroli Sd/-Dr. N. V. Kalyankar Vice Chancellor

APPENDIX - I

GONDAWANA UNIV ERSITY, GADCHIROLI BACHELOR OF BUSINESS ADMINISTRATIVE

(THREE YEARS UG COURSE IN FACULTY OF COMMERCE AND MANAGEMENT) COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTSE

(Semester - I)

Sr. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Cre dits		Sch	inationeme Im M		Examination Schem (Minimum Marks)							
				L	Т	P		ES E	I A	P	Tot al	ES E	IA	P	Total				
01	AECC	UCB1F01	Bus, Demog, & Env. Studies-I	4	-	-	2	40	1 0	1	50	20		-	20				
02	SEC-I	UCB1C02	Comp.,App. For Business-I	4	-	-	4	80	2 0	1	100	40		40		40		-	40
03	Core	UCB1C03	English (Bus. Communication –I)	4	-	-	3	80	2 0	i	100	4	0	-	40				
	(Core Course)	UCB1C04	Principle of Management –I	4	-	-	3	80	2 0		100	4	0	-	40				
		UCB1C05	Financial Accounting –I	4	ı	-	3	80	2 0	i	100	4	0	-	40				
		UCB1C06	Business Economics –I	4	-	-	3	80	2 0	ı	100	4	0	-	40				
		UCB1C07	Stat. Methods for Business -I	4	-	-	3	80	2 0	1	100	4	0	-	40				

Codes for various programs under the faculty of Commerce and Management: - B.Com. - A, BBA-B, BCCA - C

APPENDIX - II

GONDAWANA UNIV ERSITY, GADCHIROLI BACHELOR OF BUSINESS ADMINISTRATIV E (THREE YEARS UG COURSE IN THE FACULTY OF COMMERCE AND MANAGEMENT) COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTSEM

(Semester – II)

Sr. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Cre dits		Sch	inationeme Im M	on arks)		cheme (arks)						
				L	T	P		ES E	I A	P	Tot al	ES E	IA	P	Total				
01	AECC	UCB2F01	Bus, Demog, & Env. Studies-II	4	-	-	2	40	1 0	ı	50	2	20		20		20		20
02	SEC-II	UCB2C02	Comp.,App. For Business- II	4	-	-	4	80	2 0	ı	100	40		40		$4\overline{0}$		-	40
03	Core	UCB2C03	English (Bus. Communication – II)	4	-	-	3	80	2 0	1	100	4	0	-	40				
	(Core Course)	UCB2C04	Principle of Management – II	4	-	-	3	80	2 0	ı	100	4	0	-	40				
		UCB2C05	Financial Accounting – II	4	-	-	3	80	2	1	100	4	0	-	40				
		UCB2C06	Business Economics – II	4	-	-	3	80	2 0	-	100	4	0	-	40				
		UCB2C07	Stat. Methods for Business - II	4	-	-	3	80	2 0	-	100	4	0	-	40				

Codes for various programs under the faculty of Commerce and Management : - B.Com. - A, BBA- B, BCCA - C

APPENDIX – III

GONDAWANA UNIV ERSITY, GADCHIROLI BACHELOR OF BUSINESS ADMINISTRATIVE (THREE YEARS UG COURSE IN THE FACULTY OF COMMERCE AND MANAGEMENT) COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTSEM (Semester – III)

Sr. No.	Area	Unique Subject Code	Subject	Course Scheme			No. of Cre dits		Sch	inationeme um M	on arks)		cheme (arks)		
				L	Т	P		ES E	I A	P	Tot al	ES E	IA	P	Total
01	SEC-III	UCB3F01	Production Management	4	-	-	4	80	2 0	-	100	4	0	-	40
02	Core (Core	UCB3C02	Financial Management	4	-	-	3	80	2 0	-	100	40		-	40
	Course)	UCB3C03	HRM - I	4	-	-	3	80	2 0	-	100	4	0	-	40
		UCB3C04	POM - I	4	-	-	3	80	2 0	-	100	4	0	-	40
		UCB3C05	BEM - I	4	-	-	3	80	2 0	-	100	4	0	-	40
		UCB3C06	Cost Accounting	4	-	-	3	80	2 0	-	100	4	0	-	40
		UCB3C07	Business Law	4	-	-	3	80	2 0	-	100	4	0	-	40

Codes for various programs under the faculty of Commerce and Management : - B.Com. - A, BBA- B, BCCA - C

APPENDIX - IV

GONDAWANA UNIV ERSITY, GADCHIROLI BACHELOR OF BUSINESS ADMINISTRATIVE (THREE YEARS UG COURSE IN THE FACULTY OF COMMERCE AND MANAGEMENT) COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTSEM

(Semester - IV)

Sr.	Area	Unique	Subject	Course No. Examination					on	Examination Scheme					
No.		Subject			Scher	ne	of			neme		(Minimum Mark			larks)
		Code					Cre dits	(Ma	ximi	ım M	arks)				
				L	T	P		ES	I	P	Tot	ES	ΙA	P	Total
								Е	Α		al	Е			
01	SEC-IV	UCB4F01	Material Management	4	-	-	4	80	2	-	100	4	0	-	40
									0						
02	Core	UCB4C02	BCM	4	-	-	3	80	2	-	100	4	0	-	40
	(0								0						
	(Core	UCB4C03	HRM - II	4	-	-	3	80	2	-	100	4	0	-	40
	Course)								0						
		UCB4C04	POM - II	4	-	-	3	80	2	-	100	4	0	-	40
									0						
		UCB4C05	BEM - II	4	-	-	3	80	2	-	100	4	0	-	40
									0						
		UCB4C06	Management	4	-	-	3	80	2	-	100	4	0	-	40
			Accounting						0						
		UCB4C07	Industrial Law	4	-	-	3	80	2	-	100	4	0	-	40
									0						

Codes for various programs under the faculty of Commerce and Management: - B.Com. - A, BBA-B, BCCA-C

APPENDIX - V

GONDAWANA UNIV ERSITY, GADCHIROLI BACHELOR OF BUSINESS ADMINISTRATIVE

(THREE YEARS UG COURSE IN THE FACULTY OF COMMERCE AND MANAGEMENT) COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTSEM

(Semester – V)

Sr.	Area	Unique	Subject		Cours		No.	Е		inatio	n	Examination Schen (Minimum Marks					
No.		Subject			Schen	ne	of			eme		(N	Iinimu	ım M	Iarks)		
		Code					Cre	(Max	kimu	m Ma	arks)						
							dits										
				L	T	P		ESE	I	P	Tot	ES	ΙA	P	Total		
									Α		al	Е					
01	Core	UCB5C01	Income Tax	4	-	-	4	80	2		100	4	0	-	40		
	Course								0								
		UCB4C02	SSM-I	4	-	-	3	80	2	-	100	4	0	-	40		
									0								
02	GE-I	UCB5E03	Logistics Management -	4	-	-	3	80	2	-	100	4	0	-	40		
			I						0								
	GE-II	UCB5E04	ED - I	4	-	-	3	80	2	-	100	4	0	-	40		
									0								
03	DSE	UCB5E05	RSM - I	4	-	-	4	80	2	-	100	4	0	-	40		
									0								
			Any one form following														
			electives														
		UCB5EF1	FM - I	6	-	-	6	80	2		100	4	0	-	40		
									0								
		UCB5EH1	HRM -I	6	-	-	6	80	2	-	100	4	0	-	40		
									0								
		UCB5EM1	MM-I	6	-	-	6	80	2	-	100	4	0	-	40		
									0								

Codes for various programs under the faculty of Commerce and Management: - B.Com. - A, BBA- B, BCCA - C

FM - F

HRM – H

MM - M

APPENDIX - VI

GONDAWANA UNIV ERSITY, GADCHIROLI BACHELOR OF BUSINESS ADMINISTRATIVE

(THREE YEARS UG COURSE IN THE FACULTY OF COMMERCE AND MANAGEMENT)

COURSE AND EXAMINATION SCHEME WITH CHOICE BASED CREDIT SYTSEM

(Semester - VI)

Sr. No.	Area	Unique Subject Code	Subject			ourse neme		No. of Cre	(kaminati Scheme imum M			ion e Marks)		
]	<u> </u>	P)	dits	E		I P	Tota 1	E S E	IA	P	Tota 1
01	Core Course	UCB4C04	SSM-II	4	-	-	3	3	80	2 0	-	100		0	-	40
02	GE-III	UCB6E01	Logistics Management - II	4	-	-	3	3	80	2 0	-	100	4	0	-	4 0
	GE-IV	UCB6E02	ED - II	4	-	-	3	3	80	2 0	-	100	4	0	-	40
03	DSE	UCB6E04	RSM - II	4	-	-	4	4	80	2 0	1	100		0	-	40
		UCB6E0P	Project	4	-	-		4	-	-	5 5 0 0	100	4	0	-	40
			Any one form following electives													
		UCB6EF2	FM - II	6	-	-	6		80	2 0	ı	100		0	-	40
		UCB6EH2	HRM -II	6	-	-	6		80	2 0	-	100		0	-	40
		UCB6EM2	MM-II	6	-	-	6	5	80	2 0	-	100	4	0	-	40

Codes for various programs under the faculty of Commerce and Management: - B.Com. - A, BBA- B, BCCA - C

FM - F

HRM - H

MM - M