Date:27/07/2018

NOTICE

The First internal test will be conducted on 28th, 29th ,30th and 31st August 2018. The test will be of one & half hours duration. The detailed time table will be notified on the notice board.

PRINCIPAL
Dr. B. Hegde First Grade College
Kundapura

Class & Section	Room No.	Signature
III B.Com. 'A'	103	
III B.Com. 'B'	301	
III B.Com. 'C'	207	
III B.Com. 'D'	304	
II B.Com. 'A'	201	
II B.Com. 'B'	202	
II B.Com. 'C'	203	
II B.Com. 'D'	204	
III B.B.A.	205	
II B.B.A.	Auditorium	
I B.B.A.	206	
I B.Com. 'A'	102	
I B.Com. 'B'	302	
I B.Com. 'C'	303	
I B.Com. 'D'	101	
I B.Sc.	Lib – 1	
II B.Sc.	Lib - 2	
I B.C.A.	208 305	
II B.C.A.		
III B.C.A.		

Date : 13/10/2018

NOTICE

All the students who are absent in the I & II Internal Test should write the re-test.

DIRECTOR
Dr. B.B. HEGDE FIRST GRADE COLLEGE
KUNDAPURA-576201

Sl. No.	Class & Section	Room No.	Signature
1.	III B.Com. 'A'	103	
2.	III B.Com. 'B'	301	
3.	III B.Com. 'C'	207	
4.	III B.Com. 'D'	304	
5.	II B.Com. 'A'	201	
6.	II B.Com. 'B'	202	
7.	II B.Com. 'C'	203	
8.	II B.Com. 'D'	204	
9.	III B.B.A.	205	
10.	II B.B.A.	Auditorium	
11.	I B.B.A.	206	
12.	I B.Com. 'A'	102	
13.	I B.Com. 'B'	302	
14.	I B.Com. 'C'	303	
15.	I B.Com. 'D'	101	
16.	I B.Sc.	Lib – 1	
17.	II B.Sc.	Lib - 2	
18.	I B.C.A.	208	
19.	II B.C.A.	305	
20.	III B.C.A.		

Date : 11/10/2018

NOTICE

The First and Second Internal Re-examination will be conducted on 15th and 16th October, 2018. All the staff members are requested to submit the question papers to the college office on or before 13/10/2018 in writing.

DIRECTOR
Dr. B.B. HEGDE FIRST GRADE COLLEGE
KUNDAPURA-576201

Principal *(in-charge)*

Mr. Chethan Kumar Shetty

Department of Commerce

Mr. Rajesh Shetty
Mrs. Raksha S. Shetty
Mrs. Veena Bhat
Mrs. Shabeena H
Mr. Rakshith Rao
Mr. Satish Shetty
Mrs. Avitha Correa
Mrs. Preeti Hegde
Mrs. Nanda Rai
Mrs. Thilaka Laxmi M.K.
Mr. Hareesha B
Mr. Shivaraj C
Ms. Prithvishri G. Shetty
Ms. Nisha Shetty
Mr. Sudhir Kumar
Ms. Malathi
Mr. Yogeesh
Mrs. Archana Narayana Gadde
Ms. Jyothi B. Shetty
Mr. Sathish Kanchan

Department of Economics

Mr. Sudhakar P
Ms. Jyothi Mogaveera
Mr. Mahesh Kotari

Department of Kannada

Mrs. Reshma Shetty
Mr. Sukumar Shetty
Ms. Praveena Mahabala Poojari

Department of English

Ms. Amratha
Mrs. Deepika Raghavendra
Ms. Priyanka

Department of Political Science

Mr. Praveen Mogaveera
Mrs. Sangeetha

Department of Hindi

Dr. Deepa

Department of Computer Science

Mrs. Nuthan S
Mrs. Vanitha G
Ms. Soumya N
Mr. Harish Kanchan
Ms. Deepa S. Shetty
Mr. Krishnamoorthy Udupa

Department of Mathematics

Ms. Chaithra

Department of Physics

Ms. Chaithra

Department of Chemistry

Ms. Vismitha V

Date: 09/10/2018

Notice

1. *All the staff members are requested to submit the Second Internal test 'A' form marks lists to the college office on or before 12/10/2018.*
2. *The members of the staff are requested to attend the meeting tomorrow, Wednesday, 10th October, 2018 at 4.05 p.m. in the Principal's Chamber.*

DIRECTOR
Dr. B.B. HEGDE FIRST GRADE COLLEGE
KUNDAPURA-576201

Principal *(in-charge)*
Mr. Chethan Kumar Shetty

Department of Commerce
Mr. Rajesh Shetty
Mrs. Raksha S. Shetty
Mrs. Veena Bhat
Mrs. Shabeena H
Mr. Rakshith Rao
Mr. Satish Shetty
Mrs. Avitha Correa
Mrs. Preeti Hegde
Mrs. Nanda Rai
Mrs. Thilaka Laxmi M.K.
Mr. Hareesha B
Mr. Shivaraj C
Ms. Prithvishri G. Shetty
Ms. Nisha Shetty
Mr. Sudhir Kumar
Ms. Malathi
Mr. Yogeesh
Mrs. Archana Narayana Gadde
Ms. Jyothi B. Shetty
Mr. Sathish Kanchan

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Mrs. Reshma Shetty
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Department of Political Science
Mr. Praveen Mogaveera
Mrs. Sangeetha

Department of Hindi
Dr. Deepa

Department of Computer Science
Mrs. Nuthan S
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Mr. Harish Kanchan
Ms. Deepa S. Shetty
Mr. Krishnamoorthy Udupa

Department of Mathematics
Ms. Chaithra

Department of Physics
Ms. Chaithra

Department of Chemistry
Ms. Vismitha V

Department of Physical Education
Mr. Ranjith T.N. - Director

Department of Library
Mr. Mahesh Babu – Librarian

Date : 17/10/2018

NOTICE

1. Internal Assesment Marks would be displayed on the Notice Board on 26th October, 2018.
2. November 2018 Semester Examination Time-Table is put up on the notice board.

DIRECTOR
Dr. B.B. HEGDE FIRST GRADE COLLEGE
KUNDAPURA-576201

Sl. No.	Class & Section	Room No.	Signature
1.	III B.Com. 'A'	103	
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9.	III B.B.A.	205	
10.	II B.B.A.	Auditorium	
11.	I B.B.A.	206	
12.	I B.Com. 'A'	102	
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14.	I B.Com. 'C'	303	
15.	I B.Com. 'D'	101	
16.	I B.Sc.	Lib – 1	
17.	II B.Sc.	Lib - 2	
18.	I B.C.A.	208	
19.	II B.C.A.	305	
20.	III B.C.A.		

DR. B.B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA

EXAMINATION 'A' FORM CUM MARK SHEET

Room No : 205 Name of the Teacher : MS. Vismitha V

Class : III - B.B.M Section : Date : 30/08/2018

Subject : Marketing Mgt- Time : 11:30 to 1:00 AM/ PM

Total No. of Students : 26 Paper :

Roll No.	Marks obtained 150 out of ~~100~~ 150	Signature of the Student (to be taken in the first half hour)	Additional Book issued
2801	75	Adarsha	
2802	108	Ajay	
2803	105	Anj	
2804	55	Archana.	
2806	85	Deeksha	
2807	—	← ABSENT →	
2809	70	Mahesh	
2810	68	Vinay	
2811	—	← ABSENT →	
2812	—	← ABSENT →	
2813	25	Nithin	
2814	73		
2815	53	Prathap	
2816	—	← ABSENT →	
2817	115		
2818	108		
2819	125		
2820	—	← ABSENT →	
2821	105	Rathnmitha.	
2822	100		
2823	70		
2824	113		
2825	—	← ABSENT →	
2826	60		
2827	115		
2828	88	Vaidya	

Actual No. of Students present : 20

Total No. of Absentees : 06

Note: While taking the Signature of the student, room Invigilators are requested to verify the Roll Number written by the students on the Answer Book.

Signature of the Room Invigilator

Signature of the Teacher who valued the answer scripts

Marks Due on :

Principal
Dr. B.B. Hegde First Grade College
Kundapura -576201

Ms. Sudhakar. P
Name of the Relieving Superintendent (to be entered by the Room Invigilator)

Date: 20/09/2018

Dr. B. B. Hegde First Grade College , Kundapur

Time Table For Second Internal Test

Date	9.30 am to 11.00am	11.30 am to 1.00 pm	1.30 pm to 3.00 pm	3.30 pm to 5.00 pm
29/09/2018	----------	----------	I BBA- I B.Com. I B.C.A.- I B.Sc- General Studies-Indian Constitution II B.Sc- General Studies (1.30 p.m. to 2.30 p.m.)	----------
03/10/2018	I BBA – English I B.Com. – English I B.C.A. – English I B.Sc-English II B.Sc -English II BBA – Business Mathematics II BCA-Basic Mathematics III BCA-Java programming III BBM – Org. Behaviour	I BBA – Kannada/Hindi I B.Com. – Kannada/Hindi I B.C.A. - Kannada/Hindi I B.Sc- Kannada/Hindi II B.Sc.-Kannada/Hindi II BBA – Business Economics II BCA-Microprocessor III BCA- Software Engineering III BBM –Project Mgt.	II B.Com. – English III B.Com. – Business Law	II B.Com. – Kannada/Hindi III B.Com. – Modern Marketing
04/10/2018	I BBA – Principles of Economics I B.Com. – Business Economics I B.C.A. – Fund. of Information Tech.	I BBA – Principles of Mgt. I B.Com. – Fin. Acc. – I I B.C.A. – Programming in C I B.Sc-Chemistry Paper –I	II B.Com. –Inter. Trade & Fin. - I III B.Com. – Fin. Mgt. - I	II B.Com. – Fin. Acc. – III III B.Com. – Fin. Acc. - V

	I B.Sc- General Physics-I II B.Sc- Physics-Optics II BBA – Commercial Law II BCA-Data Structures III BCA-Web Development in NET III BBM – Export Mgt.	II B.Sc-Chemistry Paper -III II BBA – Marketing Mgt. II BCA-Operating System III BCA-Artificial Intelligence III BBM – Cost Accounting		
05/10/2018	I BBA – Accounting - I I B.Com. – Principles of Mgt. I B.C.A. – Computer Organisation I B.Sc-Mathematics Paper I-Number Theory & Calculus II B.Sc.-Mathematics Paper III – Number Theory , Practical Derivatives & Group Theory/Computer Science- C++ and Data Structures II BBA – Income Tax II BCA-Data Mining III BCA-Distributed Computing III BBM – Fin. Mgt.	I BBA – Business Org. I B.Com. – Busi. Stat & Maths – I II BBA – Corp. Acc - I III BBM – Marketing Mgt. III BCA-Linux Environment I B.Sc- Computer Science-Digital Fundamentals	II B.Com. – Cost & Mgt. Acc. - I III B.Com. – Cost & Mgt. Acc. - III	II B.Com. – Busi. Tax. - I III B.Com. – Business Tax - III

PRINCIPAL (I/C)
Dr. B. B. Hegde First Grade College
Kundapura

Dr. B. B. HEGDE FIRST GRADE COLLEGE, KUNDAPURA.

Credit Based Third Semester B.Sc.

Second Internal Examination October-2018

Mathematics

Dr. B.B. HEGDE FIRST GRADE COLLEGE LIBRARY Kundapura-576201 Udupi Dist.

Duration: 1hr.30mins Marks: 60

Part-A

I. Answer any six questions. 3×6=18

1. State and prove Euler's theorem.
2. Let R* be a multiplicative group of non -zero reals which is homomorphism then find the kernel of $x \to \frac{1}{x}$.
3. Let $\emptyset: G \to G^1$ be a homomorphism from G onto G^1 then if G is abelian , G^1 is also abelian .
4. The mapping $\emptyset$ defined by $\emptyset: Z \to Z^1$, $\emptyset(n) = -n$ for all $n \in Z$ is an Automorphism.
5. Prove that additive group of modulo 4 is isomorphic to multiplicative group of non-zero elements modulo 5.
6. If $\emptyset: G \to G^1$ be a homomorphism then Ker$\emptyset$ is a subgroup of G.
7. State and prove Fermat's theorem.
8. Define Homomorphism, Isomorphism and Normal subgroup.

Part-B

II. Answer any seven questions. 6×7=42

1. Let G be a group, H be a subgroup of G then G is the union of all its left or right cosets of H in G and 2 distinct left or right cosets of H in G are disjoint.
2. State and prove Lagrange's theorem.
3. Every group of prime order is cyclic.
4. Let $\emptyset: G \to G^1$ be a homomorphism from G onto G^1. Then if G is cyclic, G^1 is also cyclic.
5. Any infinite cyclic group is isomorphic to Z and any finite cyclic group is isomorphic to Z_n.
6. Any non-cyclic group of order 4 is isomorphic to Klein-4 group.
7. A subgroup H of G is normal in G if and only if xH = Hx for all $x \in H$.
8. Find the directional derivative of $f(x\ y) = x^2 + xy$ at $P_0(1,2)$ in the direction of unit vector $u = \frac{1}{\sqrt{2}} i + \frac{1}{\sqrt{2}} j$.
9. Let $\emptyset: G \to G^1$ be a homomorphism then Ker$\emptyset$ = {e} if and only if $\emptyset$ is one to one .

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