BRIDGE COURSE - ELECTRONICS

COURSE EDUCATIONAL OBJECTIVES

- ❖ To make students understand about the basic laws, concepts and allied terminologies pertaining to D.C Circuits
- ❖ To impart knowledge to students regarding the fundamentals of alternating current Rules and associated terminologies and its behavior with fundamental elements like resistance inductance and capacitance.
- ❖ To make students familiarize about the basic knowledge in digital logic gates.
- ❖ To make students aware about fundamental principles of solid state devices

CONTENTS:

1. INTRODUCTION

2. SEMICONDUCTOR DEVICES

3. DC CIRCUITS

4. AC CIRCUITS

5. DIGITAL SYSTEM

Faculty Sign

Head of the Department
Dept. of Computer Science
Sindhi College of Commerce

CIRCULAR

BRIDGE COURSE for commerce students will be held from 17 th July 2017 to 22nd July 2017 between 1.00 pm to 2.00 pm. The list of students is as follows:

1. Akash Anand Khandari
2. Anjali Mary
3. Ankit Chandwani
4. Atesh Rajvardhan
5. Bhavya B
6. Lohith R
7. Mehul Patel
8. Mohammed Ali Yousif Mohamed
9. P.K.Tharun Raj
10 Prithvi Raj .G.S
11 Shreelakshmi R
12. Sumiya Bee S
13. Syed Mohammed Yusuf
14. Vaibhav Chaudhary
15. Vamshi S
16. Varun A T
17. Yasmin P
18. Rohan S

HOD

Dept of BCA

Faculty Sign

Head of the Department
Dept. of Computer Science
Sindhi College of Commerce

SCHEDULE FOR BRIDGE COURSE

Date \ Time	1.00-2.00p.m
17-7-2017	THEORY
18-7-2017	THEORY
19-7-2017	THEORY
20-7-2017	PPT / VIDEO LECTURE
21-7-2017	REVISION
22-7-2017	TEST

Radh

HOD

Dept of BCA

Faculty Sign

ATTENDANCE FOR BRIDGE COURSE -2017

BATCH 2017-2020

SL.NO	NAME	17/7	18/7	19/7	20/7	21/7	22/7
1	Akash Anand Khandari	1	2	3	4	5	6
2	Anjali Mary	1	1	2	2	3	4
3	Ankit Chandwani	1	2	3	4	5	6
4	Atesh Rajvardhan	1	1	2	2	3	4
5	Bhavya B	1	2	3	3	4	4
6	Lohith R	1	2	3	4	4	5
7	Mehul Patel	1	2	3	4	4	4
8	Mohammed Ali Yousif Mohamed	1	2	3	4	5	5
9	P.K.Tharun Raj	1	2	3	4	5	6
10	Prithvi Raj .G.S	1	2	2	3	4	4
11	Shreelakshmi R	1	2	3	4	5	5
12	Sumiya Bee S	1	2	3	4	5	6
13	Syed Mohammed Yusuf	1	2	3	3	4	5
14	Vaibhav Chaudhary	1	2	3	4	4	4
15	Vamshi S	1	2	3	4	5	6
16	Varun A T	1	2	2	2	3	4
17	Yasmin P	1	2	3	4	5	6
18	Rohan S	1	2	3	4	5	5

Faculty Sign

Head of the Department
Dept. of Computer Science
Sindhi College of Commerce

TEST RESULTS FOR BRIDGE COURSE - 2017

SL.NO	NAME	TOTAL MARKS (20)
1	Akash Anand Khandari	18
2	Anjali Mary	12
3	Ankit Chandwani	18
4	Atesh Rajvardhan	10
5	Bhavya B	13
6	Lohith R	13
7	Mehul Patel	12
8	Mohammed Ali Yousif Mohamed	9
9	P.K.Tharun Raj	15
10	Prithvi Raj .G.S	15
11	Shreelakshmi R	16
12	Sumiya Bee S	18
13	Syed Mohammed Yusuf	14
14	Vaibhav Chaudhary	18
15	Vamshi S	16
16	Varun A T	12
17	Yasmin P	15
18	Rohan S	15

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Sindhi College of Commerce

PRE-TEST

1.If two resistors are placed in series, is the final resistance:

a) Higher

b) Lower

c) Same

d) Cannot be determined

2.4 resistors in ascending order are:

a) 22R 270k 2k2 1M

b) 4k7 10k 47R 330k

c) 3R3 4R7 22R 5k6

d) 100R 10k 1M 3k3

3. Determine the values of A, B, C, and D that make the sum term equal to zero.

a) A = 1, B = 0, C = 0, D = 0

b) A = 1, B = 0, C = 1, D = 0

c) A = 0, B = 1, C = 0, D = 0

d) A = 1, B = 0, C = 1, D = 1

4. The commutative law of Boolean addition states that $A + B = A \times B$.

a) True

b) False

5. An AND gate with schematic "bubbles" on its inputs performs the same function as a(n)_____ gate.

a) NOT

b) OR

c) NOR

d) NAND

6. Determine the values of A, B, C, and D that make the product term equal to 1.

a)   A = 0, B = 1, C = 0, D = 1

b)   A = 0, B = 0, C = 0, D = 1

c)   A = 1, B = 1, C = 1, D = 1

d)   A = 0, B = 0, C = 1, D = 0

7. The nucleus of an atom consists of

a)   Protons

b)   Neutrons

c)   Protons and Neutrons

d)   Electrons and Protons

8. The SI unit for measurement of electric charge is

a)   volt

b)   columb

c)   ohm

d)   farad

9. Any charged conductor, which receives electricity from the earth, when connected to it, is said to be

a)   Zero potential

b)   −ve potential

c)   +ve potential

d)   None of the above

10. The following is (are) the semiconductor(s)

a)   Silicon

b)   Germanium

c)   Carbon

d)   All of the above

11. Peak to peak value of a sine wave is

a)   Equal to the maximum or phase value of sine wave

b)   Twice the maximum or phase value of sine wave

c)   Half of the maximum or phase value of sine wave

d)   Four times the maximum or phase value of sine wave

12. The most common waveforms of ac is

a)   Square

b)   Triangular

c)   Sinusoidal

d)   Saw tooth

13. The diameter of the nucleus of an atom is of the order of

a) 10^{-31} m

b) 10^{-25} m

c) 10^{-21} m

d) 10^{-14}m.

14. A circuit contains two un-equal resistances in parallel

a)   current is same in both

b)   large current flows in larger resistor

c)   potential difference across each is same

d)   smaller resistance has smaller conductance.

15. Conductance is expressed in terms of

a)   ohm / m

b)   m / ohm

c)   mho / m

d)   mho.

16. The resistance of a 100 W, 200 V lamp is

a)   100 ohm

b)   200 ohm

c)   400 ohm

d)   1600 ohm.

17. Ohm's law is not applicable to

a)   DC circuits

b)   high currents

c)   small resistors

d)   semi-conductors.

18.The output of an exclusive-NOR gate is 1. Which input combination is correct?

a)   A = 1, B = 0

c)   A = 0, B = 0

d)   none of the above

19. Any number with an exponent of zero is equal to:

a)   zero

b)   one

c)   that number

d)   Ten

20. A full subtracter circuit requires _____.

a)   two inputs and two outputs

b)   two inputs and three outputs

c)   three inputs and one output

d)   three inputs and two outputs

Sindhi College of Commerce

Bridge Course Contents
Accountancy

Fundamentals of Accounting

- Meaning and Scope of Accounting; Basic terms in accounting; Accounting Concepts; Accounting Principles, Conventions and Standards – Concepts, Objectives, Benefits; Accounting Policies.

- Documents & Books of Accounts: Invoice, Vouchers, Debit & Credit Notes, Day books, Journals, Ledgers and Trial Balance

- Capital and Revenue: Expenditures and Receipts; Contingent Assets and Contingent Liabilities

Sindhi College of Commerce

Bridge Course Question Paper

1. Calculate the amount of closing stock from the following details for the year ending 2016.

Name: _____   Marks:_____

College: _____

Stock on 1-1-2016	5,40,000
Purchases for the year ending 2016	8,00,000
Sales for the year ending 2016	14,40,000
Gross profit in 2014	80,000
Sales in 2014	4,00,000
Gross profit in 2015	1,20,000
Sales in 2015	6,00,000

Stock as on 31-12-2015   has been undervalued by 10%   (10 Marks)

2. Stock on 1-4-2016 valued at Rs. 1,34,400, which was sold at profit of 25% on Cost. A part of this stock was sold during 2014-15, while the balance was sold in 2015-16 for Rs. 60,000. Ascertain cost of goods sold in 2014-15.   (5 Marks)

SINDHI COLLEGE OF COMMERCE

Department Of Commerce

Bridge Course Classes: 2016-2017

Class: I B.COM

Subject: Accountancy

Each class 2 hours

SI.NO	Student Name	Dates				
		04/07	05/07	06/07	07/07	08/07
1.	Deepthi Agarwal	1	2	3	4	5
2.	Sagar	1	2	3	3	4
3.	Spoorthi	1	2	3	4	5
4.	Pooja	1	2	3	4	5
5.	Jyothi Dhananjay	1	2	3	4	5
6.	Kamala	1	1	2	3	4

Faculty Signature

HOD Signature

Principal Signature

SINDHI COLLEGE
BBA -2018-19
BRIDGE COURSE TIMETABLE
June 20th to JULY 10th

DAY	TIME	
	MATHS	FA
MONDAY	1:00-2:00	2:00-3:00
TUESDAY	1:00-2:00	2:00-3:00
WEDNESDAY	1:00-2:00	2:00-3:00
THURSDAY	1:00-2:00	2:00-3:00
FRIDAY	1:00-2:00	2:00-3:00
SATURDAY	10:00-11:00	11:00-12:00

HOD

Head of the Department of Management
Sindhi College
33/2B, Kempapura, Hebbal
Bangalore - 560 024.

PRINCIPAL

PRINCIPAL
SINDHI COLLEGE
#33/2B Kempapura, Hebbal,
Bengaluru-560 024.

Sindhi College
BBA -2018-19
Bridge Course Attendance

Sl.No.	Name of the Student	2/7	3/7	4/7	5/7	7/7	9/7	10/7	11/7	12/7
1.	Bojanna.M.D	1	2	2	3	4	5	6	7	8
2.	Khedhareeswari.K	1	2	3	4	5	6	7	8	9
3.	Khushal.G	0	1	2	3	4	5	6	7	8
4.	Nandan.J	1	1	2	3	4	5	6	7	8
5.	Shreya Singh	1	2	3	4	5	6	7	7	8
6.	Shreyas.S	1	2	3	4	5	6	7	8	9
7.	Syed Ahmed	0	1	2	3	4	5	6	7	8
8.	Tanzeen Fathima	1	2	3	3	4	5	6	7	7
9.	Shaik Eliyas	0	1	2	3	4	5	6	7	8
10.	Poru maheshwari	1	2	2	3	4	5	6	7	7
11.	Deepesh.A.S	0	1	2	3	4	4	5	6	7
12.	M.A.Akash	1	2	3	4	4	5	6	7	8
13.	Sourash Kumar	1	2	3	4	5	5	6	7	7
14.	Manoj	1	2	2	3	4	5	6	7	8
15.	Kunal	1	2	3	3	4	5	6	7	7
16.	Md.Salim	0	1	2	3	4	5	6	7	8
17.	Tejesh Kumar.S	1	2	3	4	5	6	7	8	8

Faculty - Ms. Nandini S

SINDHI COLLEGE

BRIDGE COURSE SYLLABUS FOR THE YEAR 2018-19

FUNDAMENTALS OF ACCOUNTS

Introduction to Accounting(3Hrs)

Meaning of Accounting, basic terminologies like Transaction, Capital, Assets, Liabilities, Debtors, Creditors, Purchases, Sales, Purchase Returns, Sales Returns. Meaning of GAAP –Accounting concepts & Conventions, Accounting Standards, Single Entry System and Double Entry System.

Process of Accounting (2 Hrs)

Meaning, Process, Kinds of Accounts, Rules, Transactions, Journal, Ledger, Balancing of Accounts, Trial Balance.

Final Accounts(2Hrs)

Preparation of Trading, Profit and Loss Account and Balance sheet.

Subsidiary Books (3Hrs)

Meaning, Types, Purchases Book, Sales Book, Purchase Returns Book, Sales Returns Book, Bills Receivables Book, Bills Payable Book, Cash Book, Petty Cash Book

Sindhi college

Bridge Course Contents

Subject: Accountancy

Syllabus

Fundamentals Of Accounting:

- Meaning and scope of accounting
- Basic terms in accounting
- Accounting concepts and Accounting Conventions
- Standards-concepts, Objectives, Benefits: Accounting Policies
- Documents and books of Accounts
- Debit and Credit Notes
- Day book, and Journal, Ledgers and Trail Balance

Sindhi College

Department of Commerce

Bridge Course Classes 2019-20

Class : I sem BCOM A,B&C

Subject: Accountancy   Each Class: 2 hours

Sl No.	Student Name	\ 12/7 1	15/7 2	16/7 3	17/7 4	20/7 5	23/7 5/7
1.	Vishwadeep . K. Singh	1					
2.	Varsha Singh	1	2	3	4	5	6
3.	Vignesh . R	1	2	3	4	5	6
4.	Sujay . D	1	2	3	4	5	5
5.	Thejashvi . P.N	1	2	3	4	4	5
6.	Disha D. N	1	2	3	4	5	6
7.	Syed Abdullah	1	2	3	4	5	6
8.	Adithya Sharma	1	2	3	4	5	5
9.	Brinda	1	2	3	3	4	5
10.	Mubarak	1	2	3	3	4	5
11.	Prajwal	1	2	3	4	5	6

(Kirthana . H)

Faculty Sign

(Rubina Sulthana)

HOD Sign