Nagindas Khandwala College



Revised Syllabus
And
Question Paper Pattern
Of Course
Of
Bachelor of Mass Media (BMM) Programme

(Department Of Mass Media) Second Year Semester IV

Under Autonomy

(To be implemented from Academic Year- 2017- 2018)

Under Choice Based Credit, Grading and Semester System Course Structure

SYBMM

(To be implemented from Academic Year- 2017-2018)

SYBMM – SEMESTER IV **Maximum Marks** Exam Hrs. of **Course Code** Course **Duration Credits** Instruction CIE SEE **Total** /Week (Hours) Core: 2 1/2 **1641UMMIJ Introduction to** 3 25 75 100 3 Hours **Journalism** Core: 2 1/2 **1642UMMIA Introduction to** 3 25 75 100 3 Hours **Advertising** Core: 2 1/2 3 25 75 3 **1643UMMPPP** Photography and 100 **Hours Print Production** 2 1/2 Core: TV and **1644UMMRTV** 3 25 **75** 100 3 Radio **Hours** 2 1/2 **Core: Mass** 3 **1645UMMMMR** 3 25 75 100 Media Research Hours **DSC Allied:** 2 1/2 **1646UMMOB Organizational** 3 25 75 100 3 Hours **Behavior**

21

18

TOTAL

		Hrs. of	Exam	Max	kimum Marks		
Course Code	Course	Instruction	Duration	CIE	SEE	Total	Credits
		/Week	eek (Hours)	CIE	JLL	, otal	
1641UMMIJ	Core: Introduction to Journalism	3	2 ^{1/2} Hours	25	75	100	3

Sr.No.	Modules / Units
Sr.NO.	Modules / Units
1	Changing face of journalism from Guttenberg to new media
2	Journalism in India-A brief history
	 Raja Ram Mohan Roy-The Father of Indian Journalism –case study. The role of the nationalist press in covering major events- 1865-1947 Birth of the Indian National Congress, Impact of the Vernacular Press Act, 1878, Partition of Bengal, Jallianwalabagh massacre, Non cooperation Movement-Quit India Movement. Indian Press –its role in covering the events of Independence and partition. Post independence-The emergency- 1975
3	Photo journalism
	 Its origin. The golden era The contributions and controversies of manipulation and morphing
4	Citizen Journalism
	Advantages and disadvantages.
5	Definition of News
	Hard News / Soft News and blend of the two-To be taught with case studies
6	Criteria for news worthiness
7	News Reports ; Features ; Editorials
8	Components of a news story
	 Finding a new angle Types of Lead and their application in covering news. Inverted pyramid format –origin and application
9	Functions of Journalism with special emphasis on its role to educate
	 Interpretation Transmission of values Development

	Entertainment
	Latest issues and trends to be used as case studies
10	Principles of Journalism-(ABC of Journalism)
	 Accuracy Balance and Brevity Clarity The need for objectivity. To be taught with relevant case studiescurrent in nature
11	Plagiarism in journalistic writings. Impact on credibility
12	Basic difference in writing for the print ,television and online journalism
13	Career opportunities in journalism
14	Press council of India
	 Powers and function. Its role in maintaining journalistic ethics and press freedom Audit bureau of circulation- Functions Suggested application components
	1-Photo journalism
	2-Features and Editorials
	3-Leads &Inverted pyramid format
	4-Report writing with hard and soft news.
	5-Citizen Journalism.

Introduction to Journalism

- Essentials of Practical Journalism.VirBalla Aggarwal, Concept Publishing Company, 2006
- Practical Journalsm .P.K.Menon .Aavishkar Publisher Distributors, 2005
- Writing and Reporting News by Carole Rich; Thomson Wadsworth
- Journalism: Principles and Practice by Tony Harcup, Sage Publication, 2011 edition
- Recommended reading NalinMehta on Indian TV
- MV Kamath: 'Behindthe by-line' journalist's Handbook, Professional Journalism.
- Introduction to Journalism :Essential Technique Richard Rudin
- Introduction to Journalism :Carole Fleming
- Introduction to Journalism : James Glen Stowall

Course Code		Hrs. of	Exam	Ma	ximum	Marks	
	Course	Instruction/Week	Duration (Hours)	CIE	SEE	Total	Credits
1642UMMIA	Core: Introduction to Advertising	3	2 ^{1/2} Hours	25	75	100	3

Sr. No.	Modules / Units
1	Introduction to Advertising
	 Meaning and concept of advertising Brief History of advertising Advertising in global scenario Globalization and advertising in India The stalwarts of advertising (Alyque Padamsee, Prasoon Joshi, Prahlad Kakkar, David Ogilvy, Mather and others) Advertising and society
2	Role Of Advertising
	 Types of advertising Advertising as a career and business Objectives of advertising Advertising budgets Advertising regulations and issues
3	Advertising And Media
	 The entire unit needs to be taught with relevant and recent case studies Print media Electronic media (radio and television) Digital Media Other media (transit, outdoor, direct and any other support media) Audio Beconing
4	Advertising Message
	 Advertising communication and persuasion tool Creativity in advertising Designing the advertising message Advertising appeals Art of creating various advertisements Advertising effectiveness Print media Electronic media (radio and television) Other media (transit, outdoor, direct and any other support media) New age media vehicles (internet, web, mobile and other contemporary forms)

Introduction to Advertising

- Foundation of Advertising Theories and Practices; S. A. Chunawalla& K C Sethia; Himalaya Publishing House; Seventh Edition
- Advertising Management; Rajeev Batra, John Myers & David Aaker; Pearson Publication; Fifth Edition
- Advertising and Sales Promotion; S.H.H. Kazmi& Satish Batra; Excel Books; Second Edition
- Advertising Management; JaishriJethwaney&Shruti Jain; Oxford University Press
- Advertising; Frank Jefkins& David Yadin; Pentice Hall; Fourth Edition
- Principles of advertising, A global perspective; Monle Lee & Carla Johnson; Viva Books Pvt. Ltd.; Second Edition

Course Code :	Course Code : Course Instruction Duration		_	Maximum Marks			Credits
		/ week	(Hours)	CIE	SEE	Total	
1643UMMPPP	Core: Photography and Print Production	3	2 ½ hrs	25	75	100	3

Sr. No.	Modules / Units
1	Lens
	 Properties of lens, Image formation, Focal length, Image size, Image distance, Coverage angle, Perspective, Various film formats in context of focal length
2	Light
	 Parameters of Light a) Intensity b) Direction c) Quality Colour d) Temperature
3	Composition
	 Third's Ratio Leading lines Frame within frame Abstraction Accent Colour
4	Exposure and Apeture
	 The concept of exposure. The whole Exposure system depends on control of light withthe help of Aperture & Shutter for a given sensitivity (ISO) Control of Amount of Light. Concept of, 'Depth of Field.' Aperture & 'Depth of Field.' Other factors affecting DoF, like Object distance & Focal length. Shallow DoF, Deep DoF, Differential focus, Hyper-focal distance

 Shutter & movement. Idea of Motion freeze Motion blur, Object blur, Light painting Time exposure & exploring all possible opportunities that offered by shutter durat Camera movement Panning technique Motion blur & Advertising 6 ISO Optimum ISO for quality & speed. ISO & noise. Low light photography limitations Exposure triangle. Combined effort of Aperture, Shutter & Sensitivity 7 Use of Flash	ion.
 Optimum ISO for quality & speed. ISO & noise. Low light photography limitations Exposure triangle. Combined effort of Aperture, Shutter & Sensitivity 	
 ISO & noise. Low light photography limitations Exposure triangle. Combined effort of Aperture, Shutter & Sensitivity 	
7 Use of Flash	
 Difference n Ambient light & Strobe Concept of Synchronization. Shutter & Flash triggering coordination. Sync speed Use of flash at slow shutter speeds. Using available light Creative Blur: Concept of mixed lighting Concept of Front curtain sync & Rear curtain sync Background balancing: Balancing intensity on object & background Night portraits: Opening the background darkness Fill flash during Sunlit situations Flash & Red eye reduction 	
8 Perspective	
 Understanding viewpoint: How camera sees differently than human eye. One eyed camera & parallax Lens & image magnification Feeling of distance Compressed, Enhanced, Normal, Aligned & Forced perspective Aligned perspective & Back projection/ Chroma 	
9 Lighting Techniques	
 Concept of Lighting: Comparison to shading Light & tonal values a. Highlight b. Texture c. Tint d. Colour light & Molding/sculpting Lighting ratio/ contrast level Ambient light Mood light Dramatic lighting Concept/Need of 'Three Point Lighting' a. Key light: Sculpting Types of Key light: a. Rembrandt a. Rembrandt Lighting ratio oscillations c. Kicker light: Separa d. Fill light: Lighting ratio e. Short 	tion

b. Loop	f. Butterfly
c. Split	g. Flat
d. Broad	
 Types of Dramatic light: 	
a. Low key lighting	d. Rim lighting
b. High key lighting	e. Ghost lighting
c. Silhouette	f. Body-scaping Top light

Photography and Print Production

- 1. Collins Books series: Pentax Inc.
 - a. Taking successful pictures,
 - b. Making most of colour,
 - c. Expanding SLR system,
 - d. Lighting techniques;
- 2. Minolta Photographer's handbook;
 - a. Indoor Photography,
 - b. Outdoor photography:
- 3. Life Book series:
 - a. Colour,
 - b. Camera,
 - c. Light
 - d. Portrait
- *4. Photography course:*
 - a. Volume 1: Understanding Camera
 - b. Volume 2: Secrets behind successful pictures
 - c. Volume 3: Practicing Photography
 - d. Volume 4: Handling Professional assignments
- 5. Me & My Camera
 - a. Portrait photography
 - b. Glamour photography
 - c. Do it in Dark (Darkroom Techniques)
- 6. Pro-technique (Pro-photo)
 - a. Night Photography
 - b. Beauty & Glamour
 - c. Product Photography
 - d. In Camera Special effects
- 7. Print Production Handbook: David Bann

Printing Technologies In & Out

	Course Code:	Course	Hrs. of Exam Maximu		ximum N	1arks	Credits	
			/ week	(Hours)	CIE	SEE	Total	
	1644UMMRTV	Core: TV and Radio	3	2 ½ hrs	25	75	100	2

Sr. No	Modules /Units
	Radio
1	The History of Radio
	The Fathers: James Maxwell, Hershel Hertz, Gullelimo Marconi
	Primary Experiment: Two way communication only
	Broadcast: One Transmitter & Multiple Receivers
	Prime uses: Military & Marine
	Public use: Radio developed by Marconi (patent) n Transmitter
2	Growth & Development of Radio abroad
	First Transmission: Eiffel tower (1921)
	Programs
	Frequency Modulation by Edwin Armstrong: 1933
	• BBC
3	Growth & development n IndiaPre Independence
	First transmission: Times of India building (1923)
	First radio club
	Calcutta (1923)
	Bombay Radio Club (1924) (Both small power transmitters by Marconi)
	Madras Presidency Radio Club (1924)>>>till 1927 liquidation
	Bombay Radio Station (1927) Viceroy Lord Irwin
	 Calcutta stn inauguration (Bengal Governor Stanley Jackson
	 Programs: Music, Ladies hour, Music lesson, Cultural orientation
	IBC Liquidation>>>ISBS (1930) Lionel Fielden (BBC) Controller
	• Delhi stn (1934)
	School Broadcast by Jawaharlal Nehru (1934)
	Mysore stnAkashwani (1935)
	 ISBS>>>All India Radio (AIR) 1936 First News Bulletin
	Radio Licensing: Control on Air waves
	Networking: Relay from Delhi to Bombay stn
	 World War & Radio: Regular updates of war, (27 news bulletin) multi-lingual
	Dept. of Information & Broadcasting (1941)
	AIR under Dept Info n Broadcasting (1943)
	Radio Licensing: Control on Air waves
	Networking: Relay from Delhi to Bombay stn
	World War & Radio: Regular updates of war, (27 news bulletin) multi-lingual
	Dept. of Information & Broadcasting (1941)
	AIR under Dept Info n Broadcasting (1943)

4	Radio & Freedom movement: HAM Radio, Usha Mehta - Post Independence
4	
	 Stations in India: Delhi, Calcutta, Bombay, Madras, Lucknow, Tirucherrapalli Stations went in Pakistan: Lahore, Peshawar, Karachi First Public address to Refugee: by Mahatma Gandhi &Valabhbhai Patel 12 Nov 47 Expansion of Radio: News service & External service separation (1948) Akashwani: AIR adapted name Akashwani (1956) 11 Languages & 116 hrs/week Competing with Radio Ceylon Alindi film music popularity BinacaGeetmala Amin Sayani Style of presentation
5	Five Year plan & Radio
	 First FYP(1951~55) 5 crs (Community Radio allotted) Second FYP (1956~61: 5.6 cr (VividhBharati /Radio Ceylon) Amin Sayani: Countdown shows inspired from Ameraca's Top 40 by DJ Casey Kasem Third FYP (1961~6): 7.6cr (Rural Prog) Forth FYP (1969~74): 27cr (Community Radio sets discontinue) Fifth FYP (1974~79): Television separated from Akashwani (FM intro) Sixth FYP (1979~85): ENG-DD expansion of TV Seventh FYP (1985~90): Radio & Television Hardware
6	Radio as a Medium
	 Characteristics: a) Audio only b) Instantaneous c) Cheap d) Reach e) Instantaneous f) Production g) Live Uses: a) Education b) Entertainment c) Information d) Advertisement e) Revenue f) Awareness / Alert Interaction / Phone
7	Types of Transmission
	 Modulation: Terrestrial a) Amplitude Modulation (MW, SW) Reach & Quality b) Frequency Modulation (Band, Pvt &Govt) Reach & Quality (Edwin Armstrong) c) Digital Transmission (Lossless) Under development in phased manner
8	Types of Radio broadcasting
	 Terrestrial: Local zone, Direct access Community Radio: Purpose & Norms Satellite Radio: Satellite access (STB) SITE, Development, Subscribe based, Quality, Reach, Sp sets &Sirius XM, World space) Internet Radio: Net access

	Internet presence of traditional Radio station
	Non-traditional only Operational on Internet without Real presence
	Govt (AIR Live), Private Gaana, Pandora, Sadabahar Music Radio
9	Types of Radio Programs
	Talk Shows
	Interviews
	Musical
	Infotainment
	News Bulletin
	Commentary
	Regional
	Documentaries
	Group specific phone in
	Programs
10	Special audience
	Fauji Bhai
	Agro sector
	Women & family raise up
	Students training
	Carrier guidance
	Stock market: Investment & financial tips n analysis
	Audience poll
11	Radio personalities
	Announcers & Compeers
	Radio Jockey
	a) Duties & Responsibilities
	b) Vocal & Lingual Qualities GK etc
12	Writing For Radio
	Transforming to spoken word
	Numbers & Figures
	Dates n time
	Order of 5W 1H
	Direct/Indirect & voices, Quotations
	birecty maneet & voices, Quotations
13	Radio & Business
	Air time selling
	Assessment of popularity
	RRP, audience metering
	Ownership of private stations
	Advertisements time slot & revenue
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14	Current trends in Radio*
	 Radio on Mobile phones Mobile Radio apps Growth on Internet Radio Competition of private channels
15	Impact of Radio on society
	Information update Social & Cultural
16	Future of Radio*
	 News on Phone service Social Media cell Digital Radio Mondale (DRM)
17	Impact of LPG module
	 Vergese committee, Supreme Court verdict on air waves PrasarBharati, autonomy, free of political interference Automobile Satellite Radio
	TELEVISION
1	Brief History of Television:
	 Inventers & Developers Father of Television: John Baird
2	Growth of Television abroad
	 First public demonstration by John Baird First British broadcast over BBC transmitter (1929) Publicly working Television programs 5 days/week (1936) UK First regular scheduled program in US (1939) Primitive television (Hot blaze lights) Black n white Radio with pictures Colour television (1953) USA Columbia Broadcasting Service (CBS)
3	Growth of Television in India (1959)
	 Under AIR Experimental television Industrial expo & display of CCTV by Philips First use: Means of security vigil in industrializing India Public telecast from Delhi (Twice a week one hr program) Community TV sets for education programs in schools etc
4	Countrywide expansion
	 Other parts of country (1970 on) Mumbai 1972 Doordarshan (1976)

5	SITE (Satellite Instructional Television Experiment)
	 One year (1975~76) experimental Satellite TV with NASA Limited to Agricultural, Education, Health & Family planning
6	Asian Games Coverage (Milestone) 1982
	National coverage INSAT 1A
	Rise in sports coverage
7	Expansion
	 1983~1988- 75% coverage (transmitters) DD Gyandarshan, DD National, DD Sports, DD News, DD Bharati, DD Urdu
8	Doordarshan&PrasarBharati (1997)
	 Public Service Broadcaster Greater autonomy & Freedom of DD & AIR
9	LPG & Television
	 Terrestrial VHF, UHF Satellite Television, Geostatic Cable TV, Master antenna & distribution CAS (Conditional Access System DTH Internet TV
10	CNN
	 Gulf war coverage & new face of TV (1990) STAR TV (Satellite Television Asia Network) (1991) Tie up with BBC ZEE TV (1992)
11	DD & Satellite Channels
	 New face of TV & Indian audience DD took measures for survival (Competition) Metro with new look & style
12	Organization & Role of each department
	 Departments & responsibility Program: production & approval Engineering: Maintenance, Up-gradation, Marketing: Sponsorship, Advertising slot selling, TRP review Administration: Governance, Schedule, Budget News: Planning, Gathering, Editing, Follow up
13	Production
	 Studio operations Content Writing* Script, Storyboard* Shoot on floor Post production

14	AV a Seventh Art
	 Literature: Story, dialogue Sculpture: Make up Costume, Character building, Casting Music: Ambient sound, Voice modulation, Pauses, Singing Architecture: Set, Location, Era erection Dance: Body language, Posture study, Choreography, Dance Photography: Lighting, Composition, Camera movements Seventh is Direction: Visual communication, Story building & Telling, Weaving
15	Outdoor
	 ENG- Electronic News Gathering* EFP- Electronic Field Production* Bites & Live mixing: Types of Mikes- Condenser, Dynamic, Ribbon
16	Control Room
	 Monitoring Mixing, Stock shots, Editing: Single source, Multiple source, Linear & Nin-linear editing Approval Transmitting
17	Effects
	 Sound effects: SFX Video effects: VFX a) Mechanical: On site physical b) CG: Computer generated Electronic effects c) Library Effects: From the stock pictures & Footage
18	Television as a Medium
	Advantages as Audio-visualDisadvantages
19	Types of Programs
	 Documentary: Types- Personal, Realistic, Propaganda, Biographical, Instructional Docudrama: Dramatized documentary, Crime, Artist, History, Demonstrative Interviews: Personality, Content, Group, Discussion, Expert from the field Talk shows Sports News bulletin Entertainment a) Comedy b) Music c) Cinema d) Serials Educational a) School syllabus b) Carrier guidance c) Food & Recipe d) Geography

	e) Science f) Economy
	Cultural & Social
20	Impact of Television
	Life style: Adapting to Western, Luxury
	General knowledge
	Cultural & Social (Cross)
	International exposure
	Values & Ethics
21	Television & Business
	Ownership
	. Talandalan matina
	Television rating
	Advertisement revenue
	Advertisement revenueAudience feedback & Time selling
	 Advertisement revenue Audience feedback & Time selling Marketing
	Advertisement revenueAudience feedback & Time selling
22	 Advertisement revenue Audience feedback & Time selling Marketing
22	 Advertisement revenue Audience feedback & Time selling Marketing Audience research
22	 Advertisement revenue Audience feedback & Time selling Marketing Audience research Future of Television

Radio & Television

- Radio Production: Rick Kaempfer
- Essential Radio Skills: Peter Stewart
- Visual Journalism: Rajesh Pandey
- Television Production Handbook: Herbert Zetti
- Hedgecoe on Video : John Hedgecoe

Course Code:	Hrs. of Course Instruction		Exam Duration	Maximum Marks			Credits
	/ week	_	(Hours)	CIE	SEE	Total	
1645UMMMMR	Core: Mass Media Research	3	2 ½ hrs	25	75	100	3

Sr. No.	Modules / Units
1	Relevance, Scope of Mass Media Research and Role of research in the media:
2	Steps involved in the Research Process
3	Qualitative and Quantitative Research
4	Discovery of research problem, identifying dependent and Independent variables, developing hypothesis.
5	Concept, types and uses of Research Designs
	ExploratoryDescriptiveCausal.
6	Data – Collection Methodology
	 Primary Data— Collection Methods Depth interviews Focus group Surveys Observations Experimentations Secondary Data Collection Methods: Internal External
7	Designing Questionnaire and measurement techniques
	 Types and basics of questionnaire Projective techniques Attitude measurement scales
8	Sampling process, Methods
9	Data Tabulation and Research report format
10	Application of research in mass media

11	Introduction to Semiology
	 The semiotic approach to the construction of meaning Barthes Primary level and secondary level signification. Semiotic analysis
12	Content Analysis
	 Definition and uses Quantitative and Qualitative approach Steps in content analysis Devising means of a quantification system Limitations of content analysis

Mass Media Research

- Kothari; Research Methodology; Wiley Eastern Ltd.
- Dixon, Bouma, Atkinson; A Handbook of Social Science Research; OUP
- Reffe, Daniel; Lacy, Stephen and Fico, Frederick; Analyzing Media Message; (1998); Lawrence Erlbaum Associates
- Gunter, Brrie; Media Research Methods; (2000);Sage
- Wimmer and Dominick; Mass Media Research
- De Fleur; Milesrones in Mass Communication Reserach

Course Code:	Hrs. of Exam code: Course Instruction/ Duration		Maximum Marks			Credits	
		week	(Hours)	CIE	SEE	Total	
1646UMMOB	DSC Allied: Organizational Behavior	3	2 ½ hrs	25	75	100	3

Sr. No.	Modules / Units
1	Nature of Organisational behaviour
	Definition of Organisation & Types.
	Concept of OB & its scope
	Models of Organisational Behaviour
2	Organisational structure & its Environment
	Organisation and its environment.
	Formal Organisation: Design & Structure
	Divisions of work and task interdependence
3	Organisation Culture
	Sources of Organisational Culture.
	Types of Organisational Culture.
	 Manifestation & Managing Organisational Culture.
	Work force diversity - Gender, Ethnic & Community issues & personality
	factors.
4	Motivation
	Theories of Motivation – Need & Process Theory.
	Application of Motivation Theories.
5	Group Dynamics in Organisation
	Concepts of group & types of group.
	Group norms & Group cohesion.
	Concept of team work.
6	Decision making
	Decision making – definition & process.
	Group Think, risky shift & Polarisation
	 Techniques for improving decision making- MIS (Management Information System).
	, ,

7	Leadership
	 Importance & Characteristics of control. Qualities of an effective Leader Leadership Style & effective Communication
8	Dynamics of stress
	Concept.Causes & effect.Coping Strategies.
9	Human Resources Policies and Practice
	 Training Performance evaluation Managing Diversity in organisations.

Organizational Behavior

- Newstorm, J.W & Davis, K.(2002) Organisational Behaviour, Human Behaviour at Work (11th Edition)., Tata McGraw Hills.
- Khanka, S.S.(2006)Organisational Behaviour-Text & Cases (5th Edition) S.Chand& Co Ltd.
- Robbins, S.P.(2012) Organisational Behaviour (15th Edition) Prentice Hall International, Inc.
- Luthans& Fred (2010) Organisational Behaviour (12th edition) McGraw Hill
- Stephen P. Robbins, Timothy Judge, Organisational Behaviour

<u>Distribution of Marks for Continuous Internal</u> <u>Examination (CIE)</u>

Evaluation Process	Marks
Class test (20 marks converted to 10 marks)	10
Project, Presentation, Assignment (10 marks)	10
Active Class Participation and Attendance	05
Total	25

Internal Question Paper Pattern

Q.No.1	State True or False/ Fill in the Blanks / Match the Column	5 Marks
Q.No.2	Answer in one sentence 5x1	5 Marks
Q.No.3	Answer any two out of given three.	10marks
	a)	
	b)	
	c)	

Paper Patten for Semester End Exams.

Question No.	Particulars	Marks
Q1	Application based (No Choice)	15 Marks
Q2. A	Full Length Question OR	15 Marks
Q2. B	 Full Length Question ▶ 15 marks questions can be split to 8/7 or 10/5 or 5/5/5 marks each. ▶ There will be an Internal Choice. 	15 Marks
Q3. A	Full Length Question OR	15 Marks
Q3. B	 Full Length Question ▶ 15 marks questions can be split to 8/7 or 10/5 or 5/5/5 marks each. ▶ There will be an Internal Choice. 	15 Marks
Q4. A	Full Length Question OR	15 Marks
Q4. B	 Full Length Question ➤ 15 marks questions can be split to 8/7 or 10/5 or 5/5/5 marks each. ➤ There will be an Internal Choice. 	15 Marks
Q5	Short Note (Any 3 out of 5)	15 Marks

Note:

1. The question can be asked from any part of the syllabus however the teacher is expected to cover the whole syllabus.