

Skill Enhancement Courses

SEC – 6: Business Communication

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
	2	1		1		

Learning Objectives

The Learning Objectives of this course are as follows:

- To train students to enhance written as well as oral communication in the corporate world.
- To help students in understanding the principles and techniques of business communication.
- To understand the use of electronic media for communication.

Learning outcomes

The Learning Outcomes of this course are as follows:

- After studying this course, students will be able to explain the need for communication in management.
- After studying this course, students will be able to appreciate the need of effective writing for communication.
- After studying this course, students will be able to demonstrate the skill of effective report writing and summarizing annual reports.
- After studying this course, students will be able to analyse business correspondence and e-correspondence.
- After studying this course, students will be able to appreciate oral presentations.

□

SYLLABUS OF SEC-6

Unit 1: Introduction to the essentials of Business Communication (3 weeks)

Meaning, process and functions. Need and importance. Medium: verbal & non-verbal communication. Channels: formal & informal. Levels of communication. Direction of communication: downward, upward, lateral, & diagonal. Effective communication: difficulties/barriers and solutions. Interactive and non-interactive techniques of communication. Listening as a tool of communication, Guidelines for effective listening.

Unit 2: Effective Writing (3 weeks)

Guidelines for clear writing. References, bibliographical research tools. Citing methods, footnotes, discussion footnotes. Use of library and internet for collection, classification and interpretation of data and information.

Unit 3: Report Writing (3 weeks)

Types of reports. Formal report: components and purpose. Organising information: outlining & numbering sections, section headings, sub-headings, & presentation. Writing reports on field work/visits to industries, business concerns. Summarising annual reports of companies: purpose, structure and principles. Drafting minutes.

Unit 4: Business Correspondence and E-Correspondence (3 weeks)

Need and importance of business letters. Office memorandum, office circulars, notices and orders. Technology for communication. Effective IT communication tools. Electronic mail: advantages, safety and smartness in email. E-mail etiquettes.

Unit 5: Spoken English and Oral Presentation (3 weeks)

Effective negotiation: elements, process and general guidelines. Telephonic conversation. Conducting & facing interviews. Conducting & participating in group decisions. Making presentations: content and organising. Features of a good presentation. Delivering a presentation.

Practical Exercises:

The learners are required to:

- learn how to summarise annual reports of companies.
- prepare presentations using power-point.
- participate in Group discussions and mock interviews.
- smartly draft business emails.

Essential/recommended readings

- C.B.Gupta (2019). Essentials of Business Communication, Sultan Chand & Sons.
- Kaul, A. Effective Business Communication, 2nd ed. PHI learning
- Lesikar, R.V. & Flatley, M.E. (2001). Basic Business Communication Skills for Empowering the Internet Generation, Tata McGraw Hill Publishing Company Ltd. New Delhi.
- Ludlow, R. & Panton, F.(1992). The Essence of Effective Communications, Prentice Hall of India Pvt. Ltd., New Delhi.
- Meyer C,Dev(2021). Communicating for Results,Oxford University Press
- Quintanilla, Kelly M, (2021), Business and Professional Communication, 4e, Sage Textbook
- R. C. Bhatia (2008), Business Communication, Ane Books Pvt Ltd, New Delhi.
- Raman and Singh(2012). Business Communication. Oxford University Press
- Scot, O., Contemporary Business Communication. Biztantra, New Delhi.

Note: Learners are advised to use the latest edition of readings.

Examination scheme and mode:

Total Marks: 100

Internal Assessment: 25 marks Practical Exam

(Internal): 25 marks

End Semester University Exam: 50 marks

The Internal Assessment for the course may include Class participation, Assignments, Class tests, Projects, Field Work, Presentations, amongst others as decided by the faculty.

Image Styling

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical /Practice		
Image Styling	2	--	--	2	Class 12	

Learning Objectives

The Learning Objectives of this course are as follows:

- To strengthen the student's hands on experience in using different tools of improving the visual and non-visual appearance
- To train the students with technical and professional ways of understanding wardrobe needs and their development
- To develop skills in understanding fashion trends for planning personal shopping .

Learning Outcomes

The Learning Outcomes of this course are as follows:

- Demonstrate the practical ways to strengthen physical image based on body type, face shape and personal style analysis.
- Understand the effect of elements and principles of design on visual appearance.
- Explain the fashion trends of apparel and accessories.
- Identify wardrobe elements and the processes of planning and organization.
- Plan personal shopping of apparel and accessories based on physical traits, personal style and budget.

SYLLABUS

Unit 1: Physical traits and analysis

(3 weeks)

Learning the first step in styling by developing skills to analyze individual characteristics such as body type, proportions, face shapes etc.

Subtopics:

- Body types
- Body proportion
- Face shapes
- Personal colour analysis

Unit 2: Application of elements and principles of design for image styling (3 weeks)

Understanding the basics of design by learning about the various elements and principles of design, their role in the success of a design, and their importance in personal styling.

Subtopics:

- Effects of design elements and principles on clothing and visual appearance
- Effect of garment components on visual appearance

Unit 3: Wardrobe planning

(2 weeks)

Learning the skills of wardrobe planning, analysis and management as per apparel and accessory needs.

Subtopics:

- Wardrobe analysis
- Wardrobe essentials
- Organization and categorization of wardrobe
- Elements of a basic wardrobe
- Optimising wardrobe and budgeting

Unit 4: The business of styling

(4 weeks)

Understand the working of styling business. Developing the art of styling. Analyzing the present market trends.

Subtopics:

- Dress vs Style
- Analysis of trends of apparels and accessories
- Survey of apparel and accessory stores/ brands with respect to style, size and price.
- Types of stylists: Freelance stylists, Celebrity stylists, Editorial stylists
- Marketing your business
- Forms and Contracts

Essential Readings

1. Constantine, S. & Woodall, T. *The Body Shape Bible: Forget Your Size Discover Your Shape*

Transform Yourself, published by Weidenfeld & Nicolson (1877), ASIN: B01K14NWB8

2. Funder, D.C. 2001, *The Personality Puzzle (2nd ed)*, New York: W.W. Norton
3. Phares, J.E. 1991, *Introduction to Personality (3rd ed)*, New York: Harper Collins
4. Rasband, J. *Wardrobe Strategies for Women*, published by Fairchild Books; Student edition (September 18, 2001), ISBN-10: 1563672596

Suggested Readings

1. Baumgartner, J. *You are What You Wear*, Da Capo Press (2012)
2. Mc Call, *Sewing in Color*, Hamlyn Publishing Group 11th edition (1975)
3. Romano, C. *Plan your Wardrobe*, New Holland Publishers (1998)

Vega, L. *The Image of Success*, American Management Association (2010)

Note: Learners are advised to use the latest edition of readings.

Examination scheme and mode:

Total Marks: 50

Internal Assessment: 25 marks

Practical Exam (Internal): 25marks

End Semester University Exam:

The Internal Assessment for the course may include Class participation, Assignments, Class tests, Projects, Fieldwork, Presentations, amongst others as decided by the faculty.

Content Development and Media for Children

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical /Practice		
Content development and Media for Children	2	-	-	2		

Learning Objectives

The Learning Objectives of this course are as follows:

- To explore and review current trends in media and content for children
- To plan developmentally appropriate media and content for children
- To create culturally appropriate content for learning

Learning Outcomes

The Learning Outcomes of this course are as follows:

- The student will be able to identify forms of content and media available for children
- The student will be able to understand the impact of content and media on thoughts, attitudes, and values of children
- The student will learn to create age-appropriate content and media for children

SYLLABUS

Unit 1: Content for children: Relationship and interaction

(5 weeks)

This unit will cover the different forms of content available to children and will create a linkage between children, content and context

- Exploring different forms of content for children (exposure to history and folk forms)
- Children's usage and significance of print, audio visual content
- Review and analysis of available content for children
- Enabling parents/caregivers to be able to use content appropriately with children

Unit 2: Media for Children

(5 weeks)

This unit will discuss the different forms of media available to children in the contemporary context and also focus on advances in media technology

- Different media forms available for children
- Children's use and significance of media forms
- Assessing the portrayal of children in media; assessing the quality of Print, App or TV program, website, film
- Media literacy for children, parents and caregivers

Unit 3: Developing content and media for children

(5 weeks)

This unit will enable students in developing content and media for children.

- Scripting for children: content and structure; Literature for and by children; Writing stories/poems for children (significance of humour, wonder, logic)
- Music/ Dance/Theatre/puppetry as sources for content development and dissemination
- Creating age-appropriate content for:
 - Developmental and domain specific needs
 - Children activity box/ Preschool Kit
 - Interactive Mobile applications/Digital content

Essential readings

- Condry, J. (1989). *The Psychology of Television*. Lawrence Erlbaum, Associates, Inc.
- Daniel, A.K. (2012). *Storytelling across the Primary Curriculum*. London: Routledge.
- Engel, S. (1999). *The Stories Children Tell: Making Sense of the Narratives of Childhood*. USA: W.H. Freeman and Company.
- Honig, A. (1983). *Television and young children*. *Young children* 38(4).
- Joshi, P. & Shukla, S. (2019). *Child development and education in the twenty-first century*. Singapore: Springer International.
- Livingstone, S. (2002). *Young People and New Media*. New Delhi: Sage
- Prakash, S. & Mathur, P. (2000). *Children and TV*. NCERT,
- Real, M. R. (1996). *Exploring Media Culture*. New Delhi: Sage
- Singer D.G. & Jerome L. (2012). *Handbook of Children and Media*. California: Sage.

Recommended Readings:

- Calvert, S.L. & Wilson, B.J. (2008). *The Handbook of Children, media and Development*. United Kingdom: Blackwell Publishing.
- Jordan, A.B. & Romer, D. (2014). *Media and the Well-Being of Children and Adolescents*. New York: Oxford University Press.

Note: Learners are advised to use the latest edition of readings.

Examination scheme and mode:

Examination scheme and mode:

Total Marks: 50

Internal Assessment: 25 marks

Practical Exam (Internal): 25marks

End Semester University Exam:

The Internal Assessment for the course may include Class participation, Assignments, Class tests, Projects, Field Work, Presentations, amongst others as decided by the faculty.

PROGRAMME MEDIA

Credit distribution, Eligibility and Prerequisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
PROGRAMME MEDIA	2	1	0	1		NIL

Learning Objectives

The Learning Objectives of this course are as follows:

- To understand the concept of programme media and its importance in field work practice
- To learn about various types of programme media and their effective use in field work
- To learn to demonstrate creative ideas and tools in field settings

Learning outcomes

At the end of the semester the students will be able to

- Learn the concept of programme media in social work
- Develop various programme media tools to be used in field settings
- Demonstrate the skills essential for using programme media in the field work

SYLLABUS

<p>Unit I: Understanding Programme Media</p> <p>Unit Description: This unit will give an opportunity to the students to understand the concept of programme media in social work.</p>	<p>(No. of lectures)</p> <p>7</p> <p>Weeks: I-IV</p>
<p>Subtopics:</p> <ul style="list-style-type: none"> ● Programme media: Concept, characteristics, purpose and significance ● Communication in programme media ● Role of programme media: propaganda and public opinion 	

<p>Unit II: Mediums and Methods of Programme Media</p> <p>Unit Description: Student will learn different types of programme media to be used for diagnostic, problem-solving and therapeutic purposes.</p>	<p>(No. of lectures) 8 Weeks: V-VIII</p>
<p>Subtopics:</p> <ul style="list-style-type: none"> • Types of programme media: Talk, public meeting & hearing, group discussion, press conference, movement, advertisement, campaign, storytelling and entertainment/games • Information and digital literacy: Concept, importance and components • People’s participation in programme: Film screening, discussion and review 	
<p>Unit III: Handmade Creations and Creative Writings in Social Work</p> <p>Unit Description: This unit will give an opportunity to the students to learn various handmade creations and creative writings of programme media to interact with client groups.</p>	<p>(No. of lectures) 7 Weeks: IX-XI</p>
<p>Subtopics:</p> <ul style="list-style-type: none"> • Handmade creations: Collage, poster making, wall paintings • Creative writings: short story writing, slogans writing and preparing brochures, hand-outs & pamphlets, FAQs • IEC materials: Flip chart, flash cards, flyers, leaflets, banners, hoardings and standee 	
<p>Unit IV: Programme Media for Masses</p> <p>Unit Description: The students will be engaged in various learning activities related to application of programme media in field settings.</p>	<p>(No. of lectures) 8 Weeks: XII-XV</p>
<p>Subtopics:</p> <ul style="list-style-type: none"> • Tools preparation: Puppet shows & folk songs, • Performing arts: street plays, drama & theatre &, mime, skit and role plays • Significance of digital media: TV, community radio broadcast and various social media platforms 	

Practical component (if any) – Unit III & IV application based

Essential readings

- Balwant, G. (1991). Folk Theatre in India. Bombay: Rupa & Co.
- Chen, H. T. (2005). Practical Programme Evaluation: Assessing and Improving Planning, Implementation and Effectiveness. California: Sage Publication.

- Cortright, R. & Hinds, G. (1959). Creative Discussion. New York: The Macmillian Company.
- Dev, M. P. (2009). Creative Writing: A Beginner's Manual. New Delhi: Pearson Longman.
- Mathur, D. (2003). AASHAA, Short Stories by Indian Women, Odyssey II. London: Indian Bookshelf and New Delhi: Star Publishing.
- Menon, M. & Gandhi, V.P. (1997.) Media and Communications - Vol. I. (New Information Order). New Delhi: Kanishka Publishers/Distributors.

Suggested readings

- National School of Drama. (2006). Nukkad Natak Rachnaaur Prastuti. Delhi: NSD.
- Mohan, K. & Banerji, M. (1990). Developing Communication Skills. Pilani: Birla Institute of Technology and Science.

ASSESSMENT

Internal Assessment: 50 Marks

The students are required to prepare project work/assignments/case studies/ presentations/reports. The social work students will fulfil requirements of project work etc based on 2 hours spent weekly in field work in a social welfare organisation and/or skill labs. The student from course other than social work will fulfil requirement of project work etc through workshops/skill labs/guided field visits. It is compulsory to maintain at least 80% attendance for field work based project work.

Semester End Examination: 50 Marks as per University academic calendar

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University.

ENVIRONMENTAL AUDITING

Credit distribution, Eligibility and Pre-requisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course
		Lecture	Tutorial	Practical/ Practice		
ENVIRONMENTAL AUDITING	02	0	0	02	12 th Pass	None

Learning Objectives

- Gain an understanding of the fundamental principles and components of environmental auditing
- Train in conducting an environmental audit in any organization/ institution
- Implement critical thinking toward environmental problems and formulate local solutions for their mitigation

Learning outcomes

The Learning Outcomes of this course are as follows.

After the course, the students will be able to

- Conduct an environmental audit in a scientific manner
- Recommend organizations to adopt specific sustainable strategies
- Serve as catalyst to evolve sense of ownership and responsibility among organizations/industries towards solving local environmental problems.
- Pursue environmental auditing for higher studies and a future career.

SYLLABUS: ENVIRONMENTAL AUDITING

Practicals/Hands-on Exercises (02 Credits: 60 hours)

1. Prepare a working plan (in the form of a flowchart/ graphical abstract) for the environmental audit of any organization/ institution focusing on pre-audit, on-site and post-audit objectives and activities
2. Prepare a brief profile of any selected organization/ institution (Area, land use, green cover, organizational setup, demography etc.) and discuss its environmental policy and the environmental management systems
3. Prepare an interpretive electricity consumption report of the organization/ institution over a five-year period (both actual or arbitrary data can be used).
4. Prepare an interpretive water consumption report of the organization/ institution over a five-year period (both actual or arbitrary data can be used). Also, identify the sources of wastewater discharge and its management, if any.
5. Survey the campus and prepare a list of the plant/ animal (or both) diversity, highlighting its importance and threats faced.
6. Prepare a monthly air quality level dataset nearest to the institution's location, extracting data from the National Air Quality Index (CPCB) website. Prepare a report on causes of variation and measures taken by an organization to improve air quality levels
7. Prepare a comprehensive assessment report of Solid Waste Management at the organization/ institution highlighting compliance to Solid Waste Management Rules, 2016.
8. Formulate a scientifically sound protocol for identifying and disposing of e-waste and hazardous waste at any organization based on E-waste (management) rules, 2016 and Hazardous waste (management) rules, 2016.
9. Examine various environment-related practices and activities of the organization/ institution that have impacted the neighbouring communities and prepare a social audit questionnaire for studying the impact.
10. Compile the data, results, and analysis of all previous practicals and prepare a detailed environmental audit report of your selected organization/ institution.

Teaching learning interface for practical skills

To impart training on technical and analytical skills related to the course objectives, a wide range of learning methods will be used, including (a) laboratory practicals; (b) field-work exercises; (c) customized exercises based on available data; (d) survey analyses; and (e) developing case studies; (f) demonstration and critical analyses; and (h) experiential learning individually and collectively.

Prospective Sectors:

- (a) Universities/Colleges, (b) Environmental Consultancies, (c) Environmental NGOs, and (d) Indian Audit & Revenue Departments

Essential/recommended readings

- Cahill, L.B (2017). Environmental Health and Safety Audits: A Compendium of Thoughts and Trends, 2nd Edition, Bernan Press.
- Council, N.C., Britain, G. and Unit, E.F., 2011. Handbook for Phase 1 Habitat Survey: A Technique for Environmental Audit. Nature Conservancy Council.
- Ho G, Anda, M., Brennan, J., 2015. Water Auditing and Water Conservation. IWA Publishing
- Pain, S.W., 2010. Safety, Health, and Environmental Auditing: A Practical Guide. CRC Press.
- Thuman, A., Niehus, T., Younger, W.J., 2012. Handbook of Energy Audits, 9th ed. Routledge, Taylor and Francis
- Van Guilder, C.V., 2014. Environmental Audits. Mercury Learning & Information.

Suggested readings

- Barton, H., and Bruder N., 1993. A Guide to Local Environmental Auditing. Routledge, Taylorand Francis

Plant Aromatics and Perfumery

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course Title & Code	Credits	Credit Distribution Of The Course			Eligibility Criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
Plant Aromatics and Perfumery	2	0		2	Nil	Nil

Learning objectives

- Provide the basic understanding of aromatic and medicinal plants including classification and methods of extracting essential oils.
- Practical demonstration of extraction and quality assessment of the product obtained.

Learning Outcomes

After completion of the course, learners will be able to:

- extract essential oils from a variety of plants and plant parts.
- develop strategy for promotion and marketing of the aromatic and essential oils.
- establish their own startup, become self-reliant and/or adapt to job roles in beauty and wellness sector.

Practicals:

1. Classification of essential oils on the basis of chemical composition, aroma and extraction methods.
01 Week
2. Principles, processing and techniques of extraction of essential oils. 01 Week
3. Cultivation practices of the common aromatic crops (any five) - Rose, Lavender, Peppermint, Spearmint, Basil, Citronella, Vetiver, Palmrosa, Lemongrass. 02 Weeks

4. Extraction process of essential oil from fruit/ fruit peel by steam distillation (e.g. orange, lemon). 01 Week
5. Extraction of essential oil from bark by steam distillation (e.g. cinnamon). 01 Week
6. Extraction of essential oils from flower by steam distillation (e.g. clove, rose, jasmine, lavender, rosemary). 01 Week
7. Extraction of essential oil from leaves and stems by steam distillation (e.g. lemongrass, eucalyptus, citronella, bottlebrush). 01 Week
8. Extraction of essential oil from seeds by steam distillation (e.g. fennel, nutmeg). 01 Week
9. Extraction of essential oil from root (e.g. vetiver) and rhizome (e.g. ginger, curcuma) by steam distillation 01 Week
10. Determination of oil content in aromatic crop/material by Clevenger's method. 01 Week
11. Quality assessment of essential oils through *sensory evaluation* (odour, colour), physical tests (specific gravity, refractive index, optical rotation, solubility), chemical tests (determination of acid value, ester value). 02 Weeks
12. Demonstration/Illustration of Instruments and techniques quality assessment of Gas chromatography (GC) and Thin layer chromatography (TLC). 01 Week
13. Field Visit to essential oils and perfumery Institute/Industry. 01 Week

Suggested Readings:

1. EIRI BOARD. (2008). Handbook of Essential Oils Manufacturing and Aromatic Plants 5/E edition, Engineers India Research Institute (India), New Delhi.
2. Kochhar, S.L. (2016). Economic Botany – A Comprehensive Study, 5th Edition. New Delhi, India: Cambridge University Press.

Additional Resources:

1. Başer, K.H.C., Buchbauer, G. (2020). Handbook of Essential Oils: Science, Technology, and Applications, 3rd edition, CRC Press.

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.

Mushroom Culture and Technology-II

CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE

Course Title & Code	Credits	Credit Distribution Of The Course			Eligibility Criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
Mushroom Culture and Technology-II	2	0		2	Nil	Nil

Cultivation of Button mushroom and King oyster mushroom

Prerequisites:

Compost preparation for button mushroom would start around October-November and further cultivation steps will take place from January. Compost and spawn should be prepared before going to the next step.

Learning objectives:

- To develop skills for growing button and king oyster mushroom

Learning Outcomes:

After completion of this course, the learner will be able to:

- prepare casing soil and apply over spawn-run compost bags.
- implement harvesting, packaging and marketing of produce as per FSSAI standards.

*Practicals**:*

** Specimens and examples studied may vary depending on seasonal factors and availability

1. To add and mix spawn of button mushroom to pre-prepared compost (Spawning). 01 Week
2. To set up ideal mushroom house for cultivation of button mushroom. 02 Weeks
3. To maintain ideal environmental conditions for spawn run. 01 Week
4. Preparation and sterilization of casing soil. 01 Week
5. To apply casing soil over the spawn run compost bags and incubating for case run. 01 Week

- | | | |
|-----|--|------|
| 6. | To maintain appropriate conditions for pin head formation and fruiting of buttonmushroom. | 02 |
| | Weeks | |
| 7. | Harvesting of first flush of button mushrooms. | 01 |
| | Week | |
| 8. | Post-harvest packaging and storage of button mushrooms. | 01 |
| | Week | |
| 9. | Maintaining the environmental conditions for the second flush of button mushroom. | 01 |
| | | Week |
| 10. | To prepare and sterilize substrate bags for cultivation of king oyster mushroom. | 01 |
| | | Week |
| 11. | To add the spawn of king oyster mushroom in the substrate bags under asepticconditions and incubator under appropriate conditions. | |
| | 01 Week | |
| 12. | To induce fruiting of king oyster mushroom by scraping the mycelium from the edgesand surface of spawn run bags. | 01 |
| | Week | |
| 13. | Harvesting, post-harvest packaging and storage of king oyster mushrooms. | |
| | 01 Week | |

Suggested Readings:

1. Aggarwal, A., Sharma, Y.P., Angra, E. (2021). A textbook on mushroom cultivation, Theory and Practices. Newrays Publishing House, 2021.
2. Tiwari, S.C. Kapoor, P. (2018). Mushroom Cultivation. Mittal Publications. ISBN - 978-8183249232.
3. Bahl, N. (2015). Hand Book on Mushroom. Page no. 1-166. Oxford &IBH PublishingCompany. ISBN- 13:978-8120413993.
4. Russell, S. (2014). The Essential Guide To Cultivating Mushroom. Storey Publishing. North Adams, MA 01247 page no. 1-233. ISBN 978-1-

61212-146-8.

5. Chang, S.T. Miles, P.G. (2004). Mushrooms Cultivation, Nutritional Value, Medicinaleffect and Environmental Impact. Page no. 1-477, CRC Press.
6. Fletcher, J.T., Gaze, R.G. (2007). Mushroom Pest and Disease Control. CRC Press.
7. Rai, R.D., Arumuganathan, Y. (2008). Post harvest technology of mushrooms. Pages 1-72. National Research Center for Mushroom (Indian Council of Agricultural Research)Chambaghat, Solan-173 213 (HP)

Note: Examination scheme and mode shall be as prescribed by the ExaminationBranch, University of Delhi, from time to time.