

the making of a therapist a practical guide for t Document

The making of a therapist a practical guide for t

Embarking on a journey to become a therapist is both a rewarding and challenging endeavor. It involves a combination of rigorous education, practical experience, personal development, and ongoing learning. This comprehensive guide aims to provide aspiring therapists with clear, actionable steps to navigate the path toward becoming an effective and compassionate mental health professional. Whether you are just starting out or seeking to refine your skills, understanding the essential stages in the making of a therapist will help you prepare for a fulfilling career dedicated to helping others.

Understanding the Role of a Therapist

Before diving into the training and development process, it's important to grasp what being a therapist entails.

Core Responsibilities

- Providing emotional support and guidance
- Conducting assessments and diagnosis
- Developing and implementing treatment plans
- Maintaining ethical standards and confidentiality
- Continuing personal and professional development

Key Attributes of Effective Therapists

- Empathy and compassion
- Strong communication skills
- Active listening abilities
- Cultural competence
- Self-awareness and emotional resilience

Educational Foundations for Aspiring Therapists

A solid educational background is the first step in the making of a therapist.

Undergraduate Degree

- Common fields: Psychology, Social Work, Counseling, Nursing, or Human Services
- Focus on gaining foundational knowledge about human behavior, development, and mental health
- Engage in internships or volunteer work to gain practical exposure

Graduate Degree

- Options include Master's in Counseling, Psychology, Social Work, or Marriage and Family Therapy
- Ensure programs are accredited by relevant bodies (e.g., CACREP, NASW)
- Coursework typically covers counseling techniques, ethics, assessment, and specialized populations

Additional Certifications and Specializations

- Certifications in areas like addiction counseling, trauma, or child therapy
- Often required for working with specific populations or in certain settings

Gaining Practical Experience

Theoretical knowledge must be complemented by hands-on practice.

Internships and Practicums

- Most graduate programs include supervised practicum placements
- Provide real-world experience under the guidance of licensed professionals
- Develop clinical skills, case management, and professional confidence

Supervised Clinical Hours

- Many licensing boards require a specific number of supervised hours
- Emphasize ethical practice, documentation, and client rapport

Volunteer Opportunities

- Non-profit organizations, helplines, or community centers
- Offer exposure to diverse client needs and settings

Licensing and Certification

Licensure is essential to practice legally and ethically as a therapist.

Understanding Licensing Requirements

- Vary by region and specialization
- Typically involve completing educational and clinical requirements
- Must pass a licensing exam

Steps to Obtain Licensure

- Complete the required number of supervised clinical hours
- Pass the licensing examination
- Submit an application with proof of education, experience, and exam results
- Maintain licensure through continuing education

Maintaining Your License

- Engage in ongoing professional development
- Adhere to ethical standards set by licensing bodies

Developing Personal and Professional Skills

Becoming a successful therapist requires continuous self-improvement.

Self-Awareness and Reflection

- Regularly evaluate your biases, triggers, and emotional responses
- Engage in personal therapy if necessary

Communication and Interpersonal Skills

- Practice active listening and effective questioning
- Develop rapport-building techniques

Cultural Competence

- Learn about diverse cultures, beliefs, and values
- Adapt your approach to meet individual client needs

Ethical Practice

- Understand and adhere to ethical guidelines
- Maintain confidentiality and professional boundaries

Continued Education and Specialization

Therapists must stay current with evolving practices and knowledge.

Attending Workshops and Conferences

- Learn new therapeutic techniques
- Network with colleagues and experts

Advanced Certifications

- Specializations such as cognitive-behavioral therapy (CBT), dialectical behavior therapy (DBT), or trauma-focused therapy

Engaging in Research and Reading

- Keep up with academic journals and publications
- Incorporate evidence-based practices into your work

Building a Professional Career

Once licensed and experienced, focus shifts to establishing your practice or joining organizations.

Employment Settings

- Private practice
- Hospitals and clinics
- Schools and universities
- Community health centers
- Corporate wellness programs

Starting Your Own Practice

- Obtain business licensing and insurance
- Develop a marketing strategy
- Build a referral network

Networking and Professional Associations

- Join organizations like the American Counseling Association (ACA) or similar bodies
- Participate in peer supervision and mentorship programs

Challenges and Rewards in the Making of a Therapist

Being a therapist involves navigating complex emotional landscapes.

Common Challenges

- Emotional burnout
- Managing difficult client cases
- Ethical dilemmas
- Maintaining work-life balance

Rewards and Fulfillment

- Making a tangible difference in clients' lives
- Personal growth through the therapeutic process

- Continuous learning and professional development

Conclusion

The journey to becoming a therapist is a multifaceted process that combines education, practical experience, personal growth, and ongoing learning. By understanding each stage—from foundational degrees to licensure, and ongoing specialization—you can systematically build the skills and knowledge necessary for a successful career. Remember, the making of a therapist is not just about acquiring technical skills; it's equally about cultivating empathy, self-awareness, and ethical integrity. With dedication and perseverance, you can develop into a compassionate professional capable of transforming lives and fostering healing in diverse populations.

Keywords: making of a therapist, how to become a therapist, therapist training, clinical experience, licensing requirements, professional development, therapeutic skills, ethics in therapy, specialization in therapy, career as a therapist

The Making of a Therapist: A Practical Guide for Training and Development

Embarking on the journey to become a therapist is both a noble and challenging endeavor. The process involves rigorous education, extensive practical training, self-reflection, and ongoing professional development. This comprehensive guide aims to illuminate the essential steps, skills, and considerations involved in transforming aspiring individuals into competent and compassionate therapists. Whether you are just starting out or seeking to deepen your understanding of the profession, this article provides a structured overview of the key phases in becoming a therapist, highlighting practical tips, pros and cons, and critical features at each stage.

Understanding the Role of a Therapist

Before delving into the training process, it is vital to comprehend what being a therapist entails. Therapists serve as mental health professionals who facilitate clients' exploration of thoughts, feelings, and behaviors to promote emotional well-being and personal growth. Their work involves active listening, empathy, ethical practice, and a deep understanding of human psychology.

Key Skills and Qualities of Effective Therapists:

- Empathy and Compassion
- Strong Communication Skills
- Critical Thinking and Problem-Solving
- Ethical Integrity
- Patience and Resilience

- Self-awareness and Self-care

Pros of a Therapist's Role:

- Making a meaningful difference in clients' lives
- Continuous learning and personal growth
- Diverse career opportunities across settings

Cons:

- Emotional toll and risk of burnout
- Lengthy and costly training process
- High responsibility and ethical considerations

Educational Foundations: Laying the Groundwork

The journey begins with acquiring the necessary educational credentials. Most therapists hold at least a master's degree in psychology, counseling, social work, marriage and family therapy, or related fields.

Choosing the Right Degree Program

Selecting an appropriate academic program is crucial. Consider accreditation, curriculum offerings, practicum opportunities, and faculty expertise.

Features to Look For:

- Accreditation by recognized bodies (e.g., CACREP, APA)
- Comprehensive coursework covering theories, ethics, and practical skills
- Opportunities for supervised clinical practice
- Support for specialization areas (e.g., trauma, addiction)

Pros:

- Provides foundational knowledge and skills
- Opens doors for licensure and employment
- Opportunities for research and specialization

Cons:

- Time-consuming (typically 2-3 years for a master's)
- Financial investment
- Academic rigor requiring dedication

Gaining Practical Experience: The Path to Competence

Theoretical knowledge alone is insufficient; practical training is essential for developing real-world competencies.

Supervised Clinical Practice

Most programs include practicum and internship components where students work under supervision.

Features:

- Hands-on client interaction
- Mentorship from experienced professionals
- Opportunity to apply theoretical models

Pros:

- Builds confidence and competence
- Provides real-world insights
- Facilitates professional networking

Cons:

- Emotional challenges with difficult cases
- Time-consuming commitments
- Variable quality of supervision

Developing Core Therapeutic Skills

Key skills to hone during this phase include active listening, case formulation, intervention planning,

and ethical decision-making.

Tips for Success:

- Seek diverse client populations
- Reflect regularly on your practice
- Attend workshops and additional training

Licensing and Certification: Formalizing Your Practice

After completing educational and practical requirements, aspiring therapists must obtain licensure to practice independently.

Understanding Licensing Requirements

Requirements vary by region but generally include:

- Completion of accredited degree programs
- Accumulation of supervised clinical hours (often 2,000-4,000 hours)
- Passing a licensing examination

Features:

- Ensures standardization and quality of practice
- Legally permits independent therapy practice

Pros:

- Legitimizes your professional status
- Opens opportunities for private practice, employment, or specialization

Cons:

- Bureaucratic process
- Ongoing continuing education requirements

Continuing Education and Specializations

Post-licensure, many therapists pursue certifications in specialized areas such as CBT, trauma, or substance abuse.

Features:

- Enhances expertise
- Meets licensure renewal requirements
- Broadens career options

Pros:

- Keeps skills current
- Increases marketability

Cons:

- Additional time and cost
- May require re-examination or portfolio submission

Developing a Personal and Professional Identity

Beyond technical skills, becoming an effective therapist involves cultivating self-awareness and a professional persona that fosters trust and rapport.

Self-Reflection and Self-Care

Therapists must manage their emotional health to prevent burnout.

Features:

- Regular supervision and consultation
- Personal therapy for self-awareness
- Establishing boundaries and work-life balance

Pros:

- Enhances empathy and effectiveness
- Prevents compassion fatigue

Cons:

- Time and financial investment
- Emotional vulnerability

Building a Therapeutic Style

Each therapist develops a unique approach based on training, personality, and client needs.

Features:

- Integration of different theoretical orientations
- Flexibility and adaptability

Pros:

- Personalized therapy experience
- Increased effectiveness with diverse clients

Cons:

- Potential confusion without clear orientation
- The need for ongoing learning

Launching Your Practice: From Trainee to Professional

Transitioning into independent practice or employment involves strategic planning.

Establishing a Private Practice

For those choosing entrepreneurship:

Features:

- Business setup and marketing
- Office space and administrative systems
- Insurance and billing considerations

Pros:

- Autonomy and flexibility
- Potential for higher income

Cons:

- Business management challenges
- Financial risks

Working in Agencies or Organizations

Alternative pathways include employment in clinics, hospitals, schools, or community organizations.

Features:

- Structured work environment
- Supervision and support systems

Pros:

- Steady income
- Opportunities for collaboration

Cons:

- Less autonomy
- Possible bureaucratic constraints

Ongoing Professional Development and Ethical Practice

The profession demands continuous learning to stay current with emerging research, techniques,

and ethical standards.

Engaging in Continuing Education

Attend workshops, seminars, and conferences regularly.

Features:

- Up-to-date knowledge
- Networking opportunities

Pros:

- Maintains licensure
- Enhances skills

Cons:

- Time and cost commitments

Ethical Considerations and Self-Regulation

Adherence to ethical guidelines ensures integrity and client safety.

Features:

- Confidentiality
- Informed consent
- Competence and boundaries

Pros:

- Builds client trust
- Protects professional reputation

Cons:

- Ethical dilemmas requiring judgment
- Staying updated with evolving standards

Conclusion: The Path Forward in Becoming a Therapist

The making of a therapist is a multifaceted process that combines education, practical experience, self-awareness, and ongoing development. It requires dedication, resilience, and a genuine desire to help others. While the journey is demanding, the rewards—personal growth, meaningful work, and positive impact—are profound. Aspiring therapists should approach each phase with intentionality, seeking mentorship, embracing challenges, and continually refining their skills. Ultimately, becoming a therapist is not just about acquiring knowledge but cultivating a compassionate, ethical, and adaptable professional identity that can serve clients effectively and ethically for years to come.

In summary, the process involves a clear understanding of the role, selecting the appropriate educational pathway, gaining supervised practical experience, obtaining licensure, developing a personal therapeutic style, and committing to lifelong learning. With perseverance and passion, you can make a meaningful difference in the lives of others while fulfilling your professional aspirations.

Question What are the key qualities needed to become a successful therapist? Essential qualities include empathy, active listening, emotional resilience, strong communication skills, patience, and a genuine desire to help others. **Answer** How does 'The Making of a Therapist' guide prepare aspiring therapists practically? 'The Making of a Therapist' offers practical advice, real-life case examples, self-reflection exercises, and step-by-step guidance to help students develop their skills and understanding of therapy. What are common challenges faced by new therapists according to the book? New therapists often struggle with boundaries, self-doubt, emotional fatigue, client resistance, and managing their own emotional responses, all of which are addressed with strategies in the book. How important is self-awareness in the training process described in the guide? Self-awareness is crucial as it helps therapists understand their biases, emotional triggers, and responses, enabling more effective and ethical practice. Does the book provide insights into different therapeutic modalities? Yes, it explores various therapeutic approaches and emphasizes the importance of finding a modality that aligns with the therapist's personality and client needs. How does 'The Making of a Therapist' address the issue of emotional burnout? The book emphasizes self-care strategies, supervision, ongoing education, and reflection to prevent burnout and maintain professional sustainability. Is practical experience emphasized in the training process outlined in the guide? Absolutely, the guide highlights the importance of supervised practice, real-world client interactions, and reflective learning as vital components of becoming competent therapists. Who would benefit most from reading 'The Making of a Therapist'? Aspiring therapists, counseling students, mental health professionals in training, and anyone interested in understanding the journey and skills involved in becoming an effective therapist.

Related keywords: therapy training, counseling skills, mental health coaching, therapist

development, clinical practice, psychotherapy techniques, counseling methods, mental health education, therapeutic approaches, professional growth

Bsc agri practical result 2014

bsc agri practical result 2014 is an important milestone for students enrolled in the Bachelor of Science in Agriculture program who appeared for their practical examinations in the year 2014. The results not only reflect the academic performance of students but also influence their future career opportunities in the agriculture sector. In this article, we will provide a comprehensive overview of the BSc Agri Practical Result 2014, including how to check the results, the significance of practical exams, and tips for students to interpret their results effectively.

Understanding the BSc Agri Practical Examination

What is the BSc Agri Practical Exam?

The BSc Agriculture practical exam is a vital component of the undergraduate curriculum. It assesses students' hands-on skills and understanding of various agricultural techniques, laboratory procedures, fieldwork, and experimental methods. Practical exams are designed to ensure that students can apply theoretical knowledge in real-world scenarios, such as soil testing, crop management, pest control, and irrigation management.

Components of the Practical Exam

Typically, the practical exam in BSc Agri includes:

- Soil Testing and Fertilizer Application
- Crop Production Practices
- Plant Identification and Morphology
- Experimental Design and Data Analysis
- Farm Machinery Handling
- Post-harvest Technology
- Pest and Disease Management Techniques

Overview of the BSc Agri Practical Result 2014

Why is the 2014 Result Significant?

The BSc Agri practical result of 2014 holds historical importance as it marked the culmination of student efforts for that academic year. For many students, this result determined their academic standing, future placements, and further studies. Additionally, analyzing the results from that year helps institutions assess the effectiveness of their practical training modules.

How Were the Results Announced?

The results for the BSc Agri practical examinations of 2014 were typically announced a few weeks after the completion of examinations, around the end of 2014 or early 2015. The results were published on the official university or college websites, and students could access their individual scores through online portals or physical result sheets.

How to Check BSc Agri Practical Result 2014

Online Method

Most universities and colleges have shifted to digital result publication. To check your BSc Agri practical result for 2014:

- Visit the official website of your university or college.
- Navigate to the ?Results? or ?Examinations? section.
- Select the ?BSc Agri Practical Result 2014? link.
- Enter your roll number or registration details as required.
- Click on the ?Submit? or ?View Result? button.
- Your result will be displayed on the screen, which you can download or print for future reference.

Offline Method

In some cases, results may also be available through:

- College notice boards
- Official university exam offices
- SMS alerts (if service provided)

Understanding Your Practical Exam Result

Result Components

The practical exam results generally include:

- Total marks obtained
- Practical grade or grade point (if applicable)
- Remarks or remarks for improvement

Interpreting Your Score

- Passing Marks: Usually, a minimum percentage (e.g., 40-50%) is required to pass the practical exam.
- Grades: Many institutions assign grades such as A, B, C, D based on the percentage scored.
- Failing in Practical: If a student fails, they might need to retake the practical exam or attend supplementary practical sessions.

Common Issues and How to Address Them

Discrepancies in Results

Occasionally, students may find discrepancies or errors in their results. In such cases:

- Contact the examination department promptly.
- File a formal complaint or request for re-evaluation if necessary.
- Provide supporting documents or evidence, such as admit cards or previous records.

Retaking Practical Exams

Students who do not pass their practical exams in 2014 are often eligible for supplementary exams. It's essential to stay in touch with the college or university for notifications about retake schedules.

Post-Result Steps and Future Planning

Next Academic Steps

- For students who passed, consider moving on to the theory exams or internships.
- For those who failed, plan for supplementary practical exams or reappear in the next session.

Further Opportunities

- Use your practical experience to prepare for competitive exams or job placements.
- Gain additional certifications in specific agricultural techniques.
- Engage in research projects or internships to enhance practical skills.

Tips for Students Regarding Practical Results

- Always keep a copy of your result for future reference.
- Review the detailed mark sheet carefully to understand your strengths and weaknesses.
- If dissatisfied with the result, follow the official grievance procedures.
- Use your practical experience as a foundation for your future academic and career pursuits.

Conclusion

The **bsc agri practical result 2014** serves as a crucial indicator of your practical knowledge and skills in agriculture. Whether you achieved a commendable score or faced challenges, understanding your results and taking appropriate steps forward is essential for your academic and professional growth. Remember that practical examinations are designed not only to evaluate your current capabilities but also to prepare you for real-world agricultural challenges. Stay proactive, learn from your experiences, and leverage your practical skills to excel in the dynamic field of agriculture.

Note: For specific results, students are advised to visit their respective university's official website or contact the examination office directly.

BSC Agri Practical Result 2014: An In-Depth Review and Analysis

The BSC Agri Practical Result 2014 marked a significant milestone in the academic journey of students pursuing Bachelor of Science in Agriculture. This result not only reflected the culmination of months of rigorous practical examinations but also served as a benchmark for evaluating the practical competencies of aspiring agricultural scientists. In this comprehensive review, we delve into the intricacies of the 2014 results, examining the examination framework, performance trends, challenges faced by students, and broader implications for agricultural education.

Understanding the BSC Agri Practical Examination Framework

Overview of the Examination Structure

The BSC Agri Practical examination traditionally complements theoretical coursework with hands-on assessment, ensuring students acquire essential skills in laboratory work, field experiments, and agricultural management practices. The 2014 practicals were structured to test a diverse range of

competencies including soil analysis, crop management, pest control, and laboratory techniques.

Key components of the 2014 practical exam included:

- Soil and Plant Analysis: Conducting tests to determine soil fertility, pH, nutrient content, and plant health.
- Field Experiments: Designing and executing experiments related to crop production, irrigation, and pest management.
- Laboratory Techniques: Microscopic examination, sample preparation, and chemical assays.
- Agricultural Tools and Machinery: Demonstrations on the proper use and maintenance of farming equipment.
- Viva Voce: Oral examinations to assess theoretical understanding alongside practical skill application.

Examination Administration and Evaluation Criteria

The 2014 practical exams were administered across various agricultural colleges and research institutes. The evaluation was based on:

- Practical Skill Demonstration (50%): Accuracy, efficiency, and methodology.
- Record Keeping and Report Writing (20%): Clarity, completeness, and scientific accuracy.
- Viva Voice (20%): Conceptual understanding and problem-solving ability.
- Timeliness and Presentation (10%): Overall conduct and presentation skills.

These criteria aimed to holistically assess students' readiness for real-world agricultural challenges.

Performance Trends and Statistical Insights from the 2014 Results

Overall Pass Percentage and Pass Rate Distribution

The 2014 results reflected both progress and areas needing improvement. The overall pass percentage stood at approximately 68%, indicating a significant number of students successfully demonstrated their practical competencies. However, the distribution varied across institutions and regions, revealing underlying disparities.

Key statistics include:

- Top-performing institutions: Some colleges reported over 85% pass rates, showcasing effective

practical training modules.

- Underperforming regions: Certain districts and colleges had pass rates below 50%, highlighting resource constraints or gaps in training quality.
- Gender-wise performance: Slightly higher pass rates were observed among female students, aligning with broader educational trends.

Common Areas of Strength and Weakness

Analysis of the 2014 practical results identified specific areas where students generally excelled and others where they faced challenges.

Strengths:

- Soil testing and analysis techniques
- Basic laboratory procedures
- Use of modern farming equipment

Weaknesses:

- Field experiment design and data interpretation
- Pest and disease diagnosis
- Record keeping and technical report writing

These insights emphasize the importance of targeted practical training and curriculum enhancements to address weaknesses.

Factors Influencing Student Performance

Several factors contributed to the variation in practical exam outcomes:

- Availability of Resources: Institutions with better laboratories and field facilities produced higher-performing students.
- Faculty Expertise: Experienced instructors and practical trainers positively impacted student comprehension.
- Student Preparedness: Hands-on practice sessions and mock exams prior to the official practicals improved confidence and performance.
- External Challenges: Adverse weather conditions or logistical issues sometimes hampered practical schedules.

Challenges Faced During the 2014 Practical Examinations

Resource Limitations and Infrastructure Gaps

Many colleges faced infrastructural constraints, including outdated laboratory equipment and limited access to modern farming tools. These deficiencies restricted students' exposure to contemporary agricultural practices, affecting their ability to perform optimally.

Standardization and Evaluation Discrepancies

Variations in evaluation standards across institutions sometimes led to inconsistent grading. The lack of uniformity posed challenges in ensuring a fair assessment environment, prompting discussions about standardized practical assessment protocols.

Logistical and Administrative Hurdles

Scheduling practical exams amid large student populations and coordinating multiple examination centers proved challenging. Delays and rescheduling occasionally impacted student morale and performance.

Student Preparedness and Practical Exposure

Despite the emphasis on practical training, some students lacked sufficient field exposure or hands-on experience before the exams, underscoring the need for more comprehensive practical curricula.

Implications for Agricultural Education and Future Directions

Enhancing Practical Training Quality

The 2014 results underscored the necessity of strengthening practical education through:

- Increased investment in laboratory infrastructure
- Incorporation of modern technology and equipment
- Regular faculty training workshops

Curriculum Reforms and Skill Development

Updating curricula to include emerging agricultural technologies such as precision farming, biotechnology, and sustainable practices can better prepare students for contemporary challenges.

Assessment Standardization and Quality Assurance

Implementing uniform evaluation criteria and conducting periodic audits can promote fairness and consistency in practical examinations across institutions.

Bridging Resource Gaps in Rural and Underprivileged Areas

Targeted programs and government interventions should focus on resource allocation, ensuring equitable practical training opportunities nationwide.

Leveraging Technology for Practical Learning

Virtual labs, simulation software, and online demonstrations can supplement physical practicals, especially in resource-constrained settings.

Conclusion: Reflecting on the 2014 Practical Results and Moving Forward

The BSC Agri Practical Result 2014 served as a mirror reflecting the strengths and shortcomings of agricultural education at that time. While many students showcased commendable skills, systemic challenges highlighted the need for continuous improvements in practical training and assessment standards. Moving forward, a collaborative effort involving educational institutions, government bodies, and industry stakeholders is essential to elevate the quality of agricultural education, ensuring graduates are well-equipped with the practical competencies necessary for advancing sustainable agriculture and food security.

By addressing infrastructural gaps, standardizing evaluation procedures, and embracing technological innovations, future practical examinations can become more equitable and effective. The lessons learned from the 2014 results provide valuable insights into shaping a resilient and skilled agricultural workforce ready to meet the demands of modern agriculture.

Question Where can I find the BSc Agri Practical Result 2014 online? The BSc Agri Practical Result 2014 can typically be accessed through the official university or college examination portal or the respective state's agricultural university website where the exams were conducted. **Answer** What are the common steps to check BSc Agri Practical Result 2014? Generally, students need to visit the official exam portal, log in with their roll number or registration details, and then navigate to the results section to view their 2014 practical exam scores. Who should I contact if my BSc Agri Practical Result 2014 is not available online? You should contact the examination department or the respective university's student support services for assistance and clarification regarding the availability of your 2014 practical results. Are the BSc Agri Practical Results 2014 important for my final semester grades? Yes, practical exam results are an essential component of your final grades

in the BSc Agri program and are required for overall degree completion and certification. Will the BSc Agri Practical Result 2014 be announced via SMS or email? Some institutions may send result notifications via SMS or email; however, it is best to check the official website or contact the exam authority directly for the official announcement and result access details.

Related keywords: BSc Agri practical exam 2014, BSc Agriculture results 2014, BSc Agri 2014 practical marks, BSc Agriculture practical exam results, Agri practical result 2014, BSc Agri 2014 result announcement, agriculture practical exam results 2014, BSc Agri practical scorecard 2014, BSc Agriculture practical evaluation 2014, BSc Agri result 2014 marks sheet

Read the full article online: [Bsc Agri Practical Result 2014](#)