

M.Sc. (Ag.) Examination, 2018
Semester-II
Agricultural Economics and Agricultural Statistics
Course- PGS-503(e)
(Intellectual Property and its Management in Agriculture)

Time: 3 Hours

Full Mark: 80

Questions are of value as indicated in the margin

Answer *any five* questions

1. What is intellectual property and why it needs to be protected? What are the legislations covering patent, copyright, trademark, geographical indication, design and protection of plant varieties in India? Who are responsible for administration of IPRs in India? Briefly discuss the emerging importance of IPR in agriculture sector. 2+2+6+3+3=16
 2. What is a patent? Briefly discuss the conditions to be satisfied by an invention to be patentable. Is a patent assignable? Is a patent right territorial or global? When a patent can be revoked? Enumerate at least 10 types of inventions which are not patentable in India. 3+6+1+1+5=16
 3. Define copyright. Why should copyright be protected? Whose rights are protected by copyright in case of literary and dramatic work, musical work, and cinematography, photography and computer programme related works? What is the concept of 'fair use' under copyright act? Mention the terms of various types of copyright? 2+3+6+2+3=16
 4. What is Trade Mark? How it is different from Trade Secret? Who benefits from trademarks and trade secrets? What are different types of trademarks available from adoption? Briefly explain the system of protection of trademarks and trade secrets in India. 2+3+4+4+3=16
 5. What is TRIPS requirements for protection of plant varieties? How plant varieties are protected in India during pre and post WTO era? Briefly discuss the criteria for deciding protection of a plant variety in India. How the rights of Farmers, Breeders and Communities are protected in India? 2+4+4+6=16
 6. What is Geographical Indication? What are the benefits of GI registration? How a GI is different from a trademark? Who can apply for GI registration? What is the term of GI protection? Can a GI be assigned or transmitted? List 12 specific examples for which GI protection is given in India. 2+3+2+1+1+1+6=16
 7. What is WTO? What are the various functions of WTO? Briefly discuss the guiding principles of WTO. Write a brief notes on TRIPS Agreement. 2+2+6+6=16
 8. Write short note on the followings (*any four*) 4×4=16
 - (a) Agreement on Agriculture
 - (b) SPS & TBT
 - (c) Industrial Design and its Protection
 - (d) Important Databases for Patent Search
 - (e) Licensing of Technology
 - (f) The Biodiversity Act-2002
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