

M.Sc. (Ag.) Examination, 2019
Semester – II
Agricultural Economics and Agricultural Statistics
Course: PGS-503(e)
(Intellectual Property and its Management in Agriculture)

Time: Three Hours

Full Marks: 80

Questions are of value as indicated in the margin
Answer **any five** questions

1. Write as directed (Answer **any eight** questions) $2 \times 8 = 16$
 - i) What is WTO?
 - ii) What is the duration of protection for Trees & Vines under PPV&FR act?
 - iii) Write down the ownership of rights for literary work, dictionary, photograph and question papers.
 - iv) Briefly discuss about service mark.
 - v) What is ITPGRFA?
 - vi) How are GIs different from trademarks?
 - vii) Give brief description about CITES.
 - viii) Write down about the given items whether patentable or not: surgical processes, Neem tree, Zero tillage, Post-it notes, gambling machine and an umbrella with fan.
 - ix) What are the intellectual properties got protection under Paris convention?
 - x) Write down the main objectives of CBD.
2. What do you mean by copyright? What is the term of a copyright? Is copyright assignable? Is it necessary to register a work to claim copyright? What are the major provisions in the Copyright Act in India? $3+3+1+1+8=16$
3. What is PPV&FR? Why protection of plant varieties has become an important issue? What are the criteria for deciding protection of a plant variety? What are the objectives of PPV&FR act? Discuss about the functions of PPV&FR authority. $1+3+4+4+4=16$
4. Define patent. What are the criteria for granting a patent? Who can apply for patent? What kind of protection does a patent offer? $2+6+4+4=16$
5. What does the term 'Geographical Indication' stands for? What are the types of GI? Discuss about the Benefits of GI protection? List 10 specific examples for which GI protection is given in India. $2+3+6+5=16$
6. What is trademark? What is the difference between trade and trademark? Discuss about the functions of trademark. What is the term of a trademark in India? What are the types of trademarks that can be registered? $2+2+4+2+6=16$
7. What is intellectual property? What are the similarities and differences between property and IP? What are different types of intellectual property? Briefly discuss the emerging importance of IPR in agriculture sector. $3+3+4+6=16$

(2)

8. Write short note on the following (**any four**)

4×4=16

- i) TRIPS
 - ii) Copyright Exceptions
 - iii) UPOV
 - iv) WIPO
 - v) Patent Cooperation Treaty
 - vi) Copyright Infringement
-