

2019

Major 3rd Semester Examination

AGRO-SERVICE

Paper - SEC 1-T

Full Marks : 40

Time : 2 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

(Plant Diversity and Human Welfare)

Answer all questions.

1. Answer *any five* questions : 2×5=10
 - (a) Define genetic diversity and species diversity. 2
 - (b) Explain the ethical and aesthetic values of bio diversity. 2
 - (c) What do you mean by *In-situ* conservation of bio diversity ?
 - (d) Write down the social approaches to conservation of bio diversity.

[Turn Over]

- (e) Mention the role of UNESCO in bio diversity. 2
- (f) What is bio diversity legislation ? 2
- (g) Write the precautionary major principles. 2
- (h) Write a short note on WWF. 2

2. Answer *any four* questions from the below : $5 \times 4 = 20$

- (a) State the importance of fruit crops with their commercial importance in alluvial regions. 5
- (b) What is conservation of bio diversity ? Explain the concept of genetic diversity and eco-system diversity. 1+2+2
- (c) State the role of microbes in enhancing bio diversity of plants. 5
- (d) Write in short about ex-situ conservation of bio diversity. What are the major bio-diversity awareness programmes ? 5
- (e) Discuss about different methodologies for valuation of biodiversity. 5
- (f) What is avenue tree ? What are the advantages

of avenue tree ? What do you mean by wood ?
Mention some uses of wood. 1+2+1+1

3. Answer *any one* question : 10×1=10

(a) What is NBPGR ? Explain about bio diversity information management. What are the roles of different organization associated with bio-diversity management. 2+5+3

(b) What do you mean by Agro-bio diversity, cultivated plant taxa and wild taxa ? Explain about projected scenario for bio diversity loss.

3+7

[Turn Over]

(Intellectual Property Rights)

Full Marks : 40

Time : 2 Hours

Answer all questions.

1. Answer *any five* questions : 2×5=10

(a) What is PPV & FR Act, 2001 ? 2

(b) What are Intellectual Property Rights ? 2

(c) What is Geographical Indication ? 2

(d) What do you mean by Traditional knowledge ?
2

(e) What is National gene bank ? 2

(f) What is the concept of novelty ? 2

(g) What are the moral issues in patenting
biotechnological inventions ?

(h) Write down the benefits of PBR.

2. Answer *any four* questions : 5×4=20

(a) Write down the main objectives and function of
WTO. 2½+2½

- (b) Write short note on Bio-prospecting and Bio-piracy. 2½+2½
- (c) What is patent ? What are the requirements of a patent ? Who can file a patent and where to file ? 1+2+2
- (d) Write down the objectives, justification of Geographical Indication ? 2½+2½
- (e) Write down in detail about Farmer's Rights. 5
- (f) What is patent infringement ? What is transfer of copyright ? What do you mean by wood ? What is protection of goodwill ? 2+2+1
3. Answer *any one* question from the below :
10×1=10
- (a) What are Plant Breeders' Rights ? What are the requirements of Plant Breeders' Rights ? Why the concept of PBR is needed ? 2+5+3
- (b) Write down the objective of patent Act, 1970. Write in brief on the procedure to obtain a patent. 4+6

(Entrepreneurship Development)

Full Marks : 40

Time : 2 Hours

*Answer all questions.*1. Write briefly on *any five* of the following : $2 \times 5 = 10$

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|---|---|
| (a) Entrepreneurship, | 2 |
| (b) Entrepreneur, | 2 |
| (c) Project identification, | 2 |
| (d) Project feasibility, | 2 |
| (e) Importance of finance for establishing an enterprise. | 2 |
| (f) Difference between fixed capital & working capital. | 2 |
| (g) Product-mix, | 2 |
| (h) Export financing. | 2 |

2. Answer *any four* questions from the below : $5 \times 4 = 20$

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|--|-----|
| (a) Define enterprise ? Write the features of an ideal entrepreneurship. | 2+3 |
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- (b) Write briefly on various forms of business organization. 5
- (c) What is repayment ? Write the characteristics of business finance. 1+4
- (d) Enumerate the sources of fixed capital & working capital. 5
- (e) What is product line ? State briefly the importance of survey in marketing management. 2+3
- (f) What is international business ? Write on various institutional supports for export. 2+3
3. Answer *any one* question from : 10×1=10
- (a) What is the importance of entrepreneurship development ? Which factors are responsible for entrepreneurship development ? 5+5
- (b) What is marketing management ? Mention the importance of marketing management. How many stages are there in a product life cycle ? 2+3+5