

PREVIEW QUESTION BANK

Module Name : SCPH10 Horticulture - ENG
Exam Date : 27-Oct-2023 Batch : 09:30-12:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negativ Marks
Objective Question				
1	976001	A good lab experiment report should be organized into 1. introduction, results and discussion/conclusions 2. introduction, methodology, results and discussion/conclusions 3. methodology, results, discussion and conclusions 4. methodology, results and conclusions A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
Objective Question				
2	976002	Which among the following is correct phrase to write in the methodology section of research paper? 1. Add one gram of NaOH 2. We added one gram of NaOH 3. One gram of NaOH was added 4. Then add one gram of NaOH A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
Objective Question				
3	976003	Which of the following is not a reference management tool? 1. Paperpile 2. Mendley 3. Zotero 4. Prism A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0

Objective Question

4	976004	Which of the following is a unit to represent amount? 1. Molar 2. Mole 3. Litre 4. Atom A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

5	976005	Which among the following is not a statistical package? 1. SPSS 2. R 3. Metlab 4. MS Excel A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

6	976006	Among the following enzyme activities of an enzyme which one represent the most accurate and precise value 1. 12.4 ± 0.6 2. 12.1 ± 0.1 3. 12.0 ± 0.6 4. 12.2 ± 0.4 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

7	976007		4.0	0.0
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ENTREZ is a

1. search engine
2. database
3. tool to compare keywords
4. ontology assignment tool

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

8	976008	4.0	0.0
Which among the following is a plagiarism detection software?			
1. Turnitin 2. Grammerly 3. Quilbot 4. Mendley			
A1 : 1			
A2 : 2			
A3 : 3			
A4 : 4			

Objective Question

9	976009	4.0	0.0
Which of the following doesn't constitute plagiarism?			
1. forgetting to include a source in bibliography 2. paraphrasing without attribution 3. using someone else's work to build hypothesis 4. using someone's idea/work without giving proper credit			
A1 : 1			
A2 : 2			
A3 : 3			
A4 : 4			

Objective Question

10	976010	4.0	0.0

Describing somebody else's work by changing the words and restructuring the sentences is called as

1. paraphrasing
2. moderation
3. plagiarism
4. remodification

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

11	976011	A value that can be counted, measured or categorized is called as 1. variable 2. random sample 3. population 4. sample A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

12	976012	Which of the following will follow binomial distribution? 1. Height of students in a class 2. Number of people in which disease is cured by taking a drug 3. Number of accidents on a road 4. Rolling a dice A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

13	976013		4.0	0.0
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		Mode is 1. Most frequently occurring term 2. value in the middle when numbers have been listed in a rank order 3. value in the middle when numbers have been listed in ascending order only 4. value in the middle when numbers have been listed in descending order only A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
14	976014	Protein estimation using a standard curve is an example of 1. regression analysis 2. correlation analysis 3. cause and effect assertion 4. precision and accuracy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
Objective Question				
15	976015	What are the condition in which Type-1 error occurs? 1. The null hypothesis get accepted even if it is false 2. The null hypothesis get rejected even if it is true 3. Both the null and alternative hypothesis are rejected 4. Both the null and alternative hypothesis are accepted A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
Objective Question				
16	976016		4.0	0.0

Which among the following can't be used to find related work of a research paper?

1. references mentioned in the paper
2. papers that have been cited the research paper
3. by H-index of authors
4. using MeSH term

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

17 976017 4.0 0.0

Online journals are considered better than the print only journals because

1. most online journals are open access
2. online journals are easy to access
3. content of online journals can be searched more easily
4. low cost of publication

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

18 976018 4.0 0.0

What is the difference between a barplot and histogram?

1. Barplot is for catagorical data while histogram is for continuous data
2. Barplot is for continuous data while histogram is for catagorical data
3. Barplot is for continuous data while histogram is for discrete data
4. Barplot is for catagorical data while histogram is for discrete data

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

19 976019 4.0 0.0

Which of the following option is wrong in context of the following statement?

To reject the null hypothesis at 95% confidence limit the calculated probability that the two samples belong to the same population must fall below

1. 1 in 20
2. 5%
3. $p < 0.05$
4. $p < 0.5$

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

20	976020	Which of the following is not a part of research	4.0	0.0
1. Defining and redefining problem 2. Hypothesis formulation 3. Making deduction 4. Writing report				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

21	976021	Which among the following is FALSE in context of qualitative research?	4.0	0.0
1. It is highly replicable 2. The outcome is based on subjective experiences 3. The conclusion is difficult to generalize in a large population 4. The outcome is prone to misrepresentation				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

22	976022		4.0	0.0
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Development of COVAXIN (covid vaccine) is an example of

1. Exploratory research
2. Experimental research
3. Applied research
4. Qualitative research

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

23 976023 4.0 0.0

Experiments on which of the following doesn't require ethical approval

1. Human
2. All vertebrate Animals
3. Bacteria
4. Monkeys

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

24 976024 4.0 0.0

Which of the following doesn't require literature review?

1. Title
2. Introduction
3. Discussion
4. Conclusion

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

25 976025 4.0 0.0

Which of the following is not a citation style?

1. MLA
2. PLA
3. APG
4. CMS

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

26 976026

4.0 0.0

- (A). The main purpose of descriptive research is to report the state of affair as it exists today.
- (B). The main purpose of analytical research is to use facts or information already available and analyze them to make critical evaluation of the situation.
- (C). Conceptual research is data-based research, whose conclusion can be verified by experimentation.
- (D). Emperical research is data-based research, whose conclusion can be verified by experimentation.

Choose the **correct** answer from the options given below:

1. (A), (B) and (D) only.
2. (A), (C) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27 976027

4.0 0.0

- (A). In random sampling each item has equal chance of being selected.
- (B). In systematic sampling each n th item is selected.
- (C). Cluster sampling involves grouping the data into cluster and selecting an individual from the cluster
- (D). Stratified sampling is used for homogenous data.

Choose the **correct** answer from the options given below:

1. (A), (B) and (C) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28	976028	(A). When a sample is exposed to usual condition, it is called as control group. (B). When a sample is exposed to some treatment, it is called as experimental group (C). The main purpose of exploratory research is to formulate a problem for more precise investigation. (D). The main purpose of experimental research is to check the validity of a hypothesis. Choose the correct answer from the options given below: 1. (A), (B) and (C) only. 2. (A), (B) and (D) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only.	4.0	0.0
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

29	976029	(A). Number mentioned at the jersey of football player is an example of nominal scale (B). Nominal scale is random. (C). In the nominal scale no relationship can be derived among the items. (D). Ranking of students on the basis of marks obtained by them is an example of ordinal scale. Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only.	4.0	0.0
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

30	976030		4.0	0.0
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- (A). The data that we want to ideally analyze is called as population.
- (B). The data on which we work and assume it to be a representative of the complete data is called as sample.
- (C). The larger is the sample size greater is the variability
- (D). All samples must have identical mean, median and mode.
- Choose the **correct** answer from the options given below:

1. (A) and (B) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

31 976031

4.0 0.0

- (A). A frequency distribution is said to be positively skewed if the frequency curve has a longer tail towards the higher values.
- (B). A frequency distribution is said to be negatively skewed if the frequency curve has a longer tail towards the lower values.
- (C). For positively skewed distribution Mean>median>mode
- (D). Negatively skewed distribution has no effect
- Choose the **correct** answer from the options given below:

1. (A), (B) and (D) only.
2. (A), (C) and (D) only.
3. (A), (B), and (C).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32 976032

4.0 0.0

- (A). Information collected for the first time is called as primary data.
- (B). Information that is already available is called as secondary data.
- (C). Observation, interview, questionnaire and feedback forms are tools to collect primary data.
- (D). Observation, interview, questionnaire and feedback forms are tools to collect secondary data.

Choose the **correct** answer from the options given below:

1. (A), (B) and (C) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

33 976033

4.0 0.0

Match List-I with List-II

List-I	List-II
Process	Meaning
(A). Processing of data	(I). Simplification of recording answers
(B). Editing	(II). Grouping the data on the basis of some common characteristics
(C). Coding	(III). Accuracy, completeness, uniformity and consistency of gathered information is examined
(D). Classification	(IV). Process to eliminate any error or mistake

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (I), (B) - (IV), (C) - (III), (D) - (II)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 976034

4.0 0.0

Match List-I with List-II

List-I	List-II
Type	Attribute
(A). Linear correlation	(I). relationship between three or more variables are determined
(B). Multiple correlation	(II). relationship between two variables
(C). Correlation coefficient	(III). Strength of association
(D). Scatter diagram	(IV). change in one variable is equal to the change in another variable

Choose the **correct** answer from the options given below:

1. (A) - (IV), (B) - (I), (C) - (III), (D) - (II)
2. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 976035

4.0 0.0

Match List-I with List-II

Type of test	Used for
(A). Z-test	(I). Comparison of variance of two independent samples
(B). T-test	(II). Significance for mean
(C). Chi-square	(III). Significance of difference between the means of two samples
(D). F-test	(IV). Comparison of sample variance to a theoretical population variance

Choose the **correct** answer from the options given below:

1. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)
2. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

36 976036

4.0 0.0

Match **List-I** with **List-II**

List-I	List-II
Type of plagiarism	Definition
(A). Mosaic Plagiarism	(I). the writer tacks on a new opening part of the first sentence in the hope that the reader won't notice that the rest of the paragraph is simply copied from the source.
(B). Paraphrase	(II). verbatim copying of sentence(s)
(C). Word-for-Word	(III). phrases and terms are lifted from the source and sprinkled in among your own prose
(D). Exact	(IV) substituting your own words and sentences for those of the original

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)
2. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (II), (C) - (I), (D) - (IV)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

37 976037

4.0 0.0

Match List-I with List-II

List-I	List-II
Type of intellectual property right	Description
(A). patent	(I). Ornamental or aesthetic aspect of a useful article, which must appeal to the sense of sight and may consist of the shape and/or pattern and/or colour of article.
(B). trade mark	(II). Right given by the law to creators of literary, dramatic, musical and artistic works and producers of cinematograph films and sound recordings.
(C). Copyright	(III). Visual symbol/word that indicate the source of the goods, a signature, name, device, label, numerals, or combination of colours used, or services, or other articles of commerce to distinguish it from other similar goods or services originating from another
(D). Industrial design	(IV). scientific inventions having potential for industrial application are being protected

Choose the **correct** answer from the options given below:

1. (A) - (IV), (B) - (III), (C) - (II), (D) - (I)
2. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

38 976038

- (A). Patenting is done to keep the invention secret
- (B). Patent is supposed to promote research
- (C). Only a very few patents can make money
- (D). Each country has their own patent rule

Choose the **correct** answer from the options given below:

1. (A), (B) and (D) only.
2. (A), (C) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 0.0

Objective Question

39	976039	Arrange the steps in order (A). Grant of patent (B). Registration of patent application (C). Filing a patent (D). Patent search process Choose the correct answer from the options given below: 1. (C), (D), (B), (A). 2. (A), (B), (C), (D). 3. (B), (A), (D), (C). 4. (C), (B), (D), (A). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

40	976040	(A). Impact factor of a journal for year x of a journal = A/B. A = number of times articles published in years $x - 1$ and $x - 2$ were cited by indexed journals in year x. B = total number of 'citable items' published by that journal in years $x - 1$ and $x - 2$. (B). An individual has H-index h if h of N papers have at least h citations each, and remaining $(N - h)$ papers have less than h citations each. (C). G-index: Given a set of articles ranked in decreasing order of the number of citations that they received, the G-index is the (unique) largest number g such that the top g articles together received at least g^2 citations (D). An individual has H-index h if $(N - h)$ papers have at least h citations each, and the remaining h of N papers have less than h citations each. Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

41	976041		4.0	0.0
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Which of the following are methods of Dissemination of Research findings?

- A. Research Paper publishing
- B. Poster presentation in a conference
- C. Discussion among family/friends
- D. Oral presentation in Conference

1. (A), (B) and (D) only.
2. (A), (B) and (C) only.
3. (A), (B), (C) and (D).
4. (B) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

42 976042

4.0 0.0

Arrange the following in increasing order.

- (A). micro Litre
- (B). milli Litre
- (C). Litre
- (D). Nano Litre

Choose the **correct** answer from the options given below:

1. (D), (A), (B), (C).
2. (A), (B), (C), (D).
3. (B), (A), (D), (C).
4. (C), (B), (D), (A).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

43 976043

4.0 0.0

Which of the following are part of the current trend termed a Onehealth approach?

- (A). human diseases
- (B). environmental health
- (C). veterinary health
- (D). antibiotic resistance

Choose the **correct** answer from the options given below:

1. (A), (B), (C) and (D) only.
2. (A), (B) and (C) only.
3. (A), (B), and (D) only
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

44 976044 4.0 0.0

Which of the following is NOT part of Bibliography?

- (A). Footnotes
- (B). Personal communication
- (C). References
- (D). Webpage

Choose the **correct** answer from the options given below:

1. (A), (B) and (D) only.
2. (B) and (D) only.
3. (A) and (D) only.
4. (B) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 976045 4.0 0.0

Which of the following institutions is NOT involved in formulating guidelines related to human/animal ethics and Biosafety?

- (A). CSIR (Council of Scientific and Industrial Research)
- (B). DBT (Department of Biotechnology)
- (C). ICMR (Indian Council of Medical Research)
- (D). ICSSR (Indian Council of Social Science Research)

Choose the **correct** answer from the options given below:

1. (A) and (D) only.
2. (A), (B) and (D) only.
3. (A), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

46	976046	The main functions of Data Analysis are: (A).Researcher can analyse data for thinking about the problem (B).Researcher study the original records of data before analysis (C). Researcher analyze available data for examining statement of problem (D).Researcher can not explore new facts about problem Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

47	976047		4.0	0.0
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Which among the following countries have been successful in sending probe to the South pole of the moon?

- (A). America
- (B). France
- (C). Russia
- (D). India

Choose the **correct** answer from the options given below:

1. (D) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

48	976048	STEM cell research holds great potential to cure degenerative diseases. Which of the following sources can be used as a source of STEM cells for an individual? (A). Placenta (B). Milk tooth pulp (C). Nails (D). Hair Choose the correct answer from the options given below: 1. (A) and (B). 2. (A), (B) and (D) only. 3. (A), (B) and (C) only. 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

49	976049		4.0	0.0
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A reseracher received a paper for review, which he rejected citing lack of experimenal clarity. He however submitted the same data for publication under his own name. This will be considered an act of

- (A). Plagiarism
- (B). Data Fabrication
- (C). Ethical misconduct
- (D). Data Falsification

Choose the **correct** answer from the options given below:

- 1. (C) only.
- 2. (A) and (C) only.
- 3. (A), (B), (C) and (D).
- 4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

50	976050	Correlation coeficient was calculated for two variables in an experiment. Which of the following can be a valid value? (A). -1 (B). + 1 (C). + 2.5 (D). - 2.5 Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (A) and (D) only. 3. (A), (B), (C) and (D). 4. (B) and (C) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

51	976051	Which of the given banana varieties prefer high density planting? 1. Robusta 2. Dwarf Cavendish 3. Nendran 4. Monthan	4.0	0.0
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

52 976052

4.0 0.0

The most important fruit crop in terms of both area under coverage and production is :

1. Apple
2. Mango
3. Banana
4. Papaya

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

53 976053

4.0 0.0

The expanded form of MIDH is:

1. Mission for Industrial Development of Horticultural crops
2. Ministry of Integration and Development of Horticultural crops
3. Mandate for Integrated Development of Horticulture
4. Mission for Integrated Development of Horticulture

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

54 976054

4.0 0.0

Which of the following is not a desirable trait in Litchi?

1. Red colour
2. Thin Aril
3. Less protuberance on fruit skin
4. Small seeds

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

55	976055	Which agronomic technology is adopted to address the issue of frost? 1. Raised bed cultivation 2. Sprinkler irrigation 3. Spray of urea 4. Smoking during night A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

56	976056	The state with highest productivity of mango is : 1. Karnataka 2. Uttar Pradesh 3. Maharashtra 4. Andhra Pradesh A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

57	976057	Protoplasts are treated with iodoacetate while developing cybrids to : 1. fuse protoplasts with cytoplasts 2. impair the nucleus of the treated protoplasts 3. enucleate the protoplast 4. metabolically inactivate the protoplast A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

58	976058		4.0	0.0
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High rainfall affects the growth and yield of tomatoes by :

1. increasing the vegetative flushes
2. altering the fruit bud differentiation
3. affecting flowering and increasing fruit drop
4. affecting pollination

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

59	976059	Which pomegranate variety is preferred for its export to European Union (EU)?	4.0	0.0
		1. Ganesh 2. Bhagwa 3. Ruby 4. Arakta		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

60	976060		4.0	0.0												
		Match List-I with List-II <table> <tr> <th>List-I</th><th>List-II</th></tr> <tr> <td>(Diseases and Pests)</td><td>(Fruits)</td></tr> <tr> <td>(A). <i>Deudorix isocrates</i></td><td>(I). Pomegranate</td></tr> <tr> <td>(B). <i>Idioscopus clypealis</i></td><td>(II). Mango</td></tr> <tr> <td>(C). <i>Curculio caryae</i></td><td>(III). Pecan nut</td></tr> <tr> <td>(D). <i>Ceratostomella paradoxa</i></td><td>(IV). Pineapple</td></tr> </table> Choose the correct answer from the options given below: (A) - (II), (B) - (III), (C) - (I), (D) - (IV) (A) - (I), (B) - (II), (C) - (III), (D) - (IV) (A) - (I), (B) - (II), (C) - (IV), (D) - (III) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)	List-I	List-II	(Diseases and Pests)	(Fruits)	(A). <i>Deudorix isocrates</i>	(I). Pomegranate	(B). <i>Idioscopus clypealis</i>	(II). Mango	(C). <i>Curculio caryae</i>	(III). Pecan nut	(D). <i>Ceratostomella paradoxa</i>	(IV). Pineapple		
List-I	List-II															
(Diseases and Pests)	(Fruits)															
(A). <i>Deudorix isocrates</i>	(I). Pomegranate															
(B). <i>Idioscopus clypealis</i>	(II). Mango															
(C). <i>Curculio caryae</i>	(III). Pecan nut															
(D). <i>Ceratostomella paradoxa</i>	(IV). Pineapple															
		A1 : 1														

A2 : 2

A3 : 3

A4 : 4

Objective Question

61	976061	Which of the following is a naturally occurring auxin transport inhibitor? 1. NPA 2. Zeatin 3. TIBA 4. Quercetin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

62	976062	The gene involved in auxin regulated growth and development in plants are : 1. <i>SAUR</i> 2. Genes encoding <i>glutathione S-transferases</i> 3. Genes encoding <i>1-aminocyclopropane-1-carboxylic acid (ACC) synthase</i> 4. <i>DELLA</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

63	976063	Which of the following method should be avoided while preserving the coloured juices and pulps? 1. Heating to 80-85°C 2. Treatment with sodium benzoate 3. Treatment with sulphur dioxide 4. Treatment with potassium metabisulphite A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

64	976064	Which of the following statements are correct with respect to post harvest management of fruits? (A). A material used in gas welding is used for artificial ripening of fruits (B). Ethephon is an approved artificial ripening agent (C). Ethyl alcohol is used as starting material in ethylene generator to produce ethylene (D). Degreening in citrus fruits is done by applying ethylene to give them characteristic colour 1. (A), (B), (C) and (D) only. 2. (A), (B) and (D) only. 3. (B), (C) and (D) only 4. (A), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

65	976065	Which of the following statements are correct with respect to the protected cultivation? (A). Minimization of water requirements and easier fertigation (B). Utilization of barren and uncultivable land (C). Increased yield in terms of per unit area (D). Round the year production of certain vegetables Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

66	976066		4.0	0.0
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Match **List-I** with **List-II**

List-I	List-II
(Variety of <i>Solanum melongena</i>)	(Characteristic features)
(A). <i>S. melongena</i> var. <i>serpentinum</i>	(I). Early and dwarf variety
(B). <i>S. melongena</i> var. <i>depressum</i>	(II). Long and slender fruits
(C). <i>S. melongena</i> var. <i>incanum</i>	(III). Round and egg shaped fruits
(D). <i>S. melongena</i> var. <i>melongena</i>	(IV). Wild and prickly plant with small fruits

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (II), (B) - (III), (C) - (I), (D) - (IV)
3. (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

67 976067

4.0 0.0

Choose the statements which are true with respect to hypobaric storage.

- (A). It is a form of controlled atmosphere storage where the vegetables are stored in a cooled and completely vacuummed chamber
- (B). This method reduces oxygen tension and accelerate ethylene and other volatile gases
- (C). It retards the ripening of vegetables and fruits
- (D). The hypobaric storage at low temperature is expensive than conventional cold storage

Choose the **correct** answer from the options given below:

1. (A) and (D) only.
2. (A), (C) and (D) only.
3. (B), (C) and (D) only.
4. (B) and (C) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

68	976068	Which method is used for quality seed production in raddish? 1. TPS method 2. Seed to seed method 3. Root to seed method 4. Stock to seed method A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

69 976069

4.0 0.0

Match **List-I** with **List-II**

List-I	List-II
(Types of gourds)	(Scientific name)
(A). Ivy gourd	(I). <i>Momordica dioica</i>
(B). Sweet gourd	(II). <i>Momordica cochinchinensis</i>
(C). Teasel gourd	(III). <i>Coccinia indica</i>
(D). Spine gourd	(IV). <i>Momordica subangulata</i>

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (II), (C) - (IV), (D) - (I)

2. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)

3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)

4. (A) - (I), (B) - (III), (C) - (IV), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70	976070		4.0	0.0
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Match List-I with List-II

List-I	List-II
(Geographical Indication status varieties)	(Fruits)
(A). Vazhakulam	(I). Pineapple
(B). Coorg	(II). Orange
(C). Laxman bhog	(III). Mango
(D). Mahabaleshwar	(IV). Strawberry

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (III), (B) - (I), (C) - (II), (D) - (IV)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

71 976071

Select the statements which holds true with respect to 'Rambutan'.

- (A). An average tree may produce 5000-6000 fruits.
- (B). Vegetative propagation is essential as seedlings take more time for fruiting
- (C). Storage increases the sucrose content in the fruit
- (D). It fruits twice in India one in June and other in December

Choose the **correct** answer from the options given below:

1. (A), (B) and (D) only.
2. (B) and (D) only.
3. (A), (B) and (C) only
4. (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72 976072

Which of the following statement is incorrect with respect to canopy architecture management?

1. It restores proper root/shoot ratio for balanced growth and source-sink relationship.
2. Allowing the canopy to grow vertically is an important step in canopy management to harvest excellent quality produce.
3. It maintains optimum balance between vegetative and reproductive parts through backward and forward pruning.
4. In some fruits like litchi, apple and peach, the red colour in the fruit skin can be achieved with ideal canopy architecture.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73	976073	Which of the following fruit juice is suitable for spray drying?	4.0	0.0
1. Pineapple 2. Papaya 3. Custard apple 4. Mango				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

74	976074	Which is the best rootstock in jackfruit propagation that results in earliness and high yield?	4.0	0.0
1. Burliar 2. Swarna 3. Rudrakshi 4. Konkan prolific				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

75	976075		4.0	0.0
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Which of the following is a low-cost underground greenhouse suitable for growing leafy vegetables under sub-zero temperatures?

1. FRP greenhouse
2. Glasshouse
3. Ladakhi polyhouse
4. Trench greenhouse

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76	976076	Which of the following is commonly known as "supermarket on a stalk"? 1. Sword bean 2. Winged bean 3. Jack bean 4. Lima bean A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

77	976077	Arrange the given steps taken during breeder's seed production of potato in chronological order. (A). Plantation of healthy tubers individually at a wider spacing of 1m x 1m and tested individually by ELISA against 5 major potato viruses (B). Indexing of tubers at 5 regional stations against all common potato viruses (C). Variety wise bulk production of tubers followed by random testing against contagious viruses and visual inspection of whole crop (D). Multiplication of disease free tubers to produce breeder seeds along with strict testing against viruses, mosaics or varietal mixture Choose the correct answer from the options given below: 1. (A), (B), (C), (D). 2. (A), (C), (B), (D). 3. (B), (A), (C), (D). 4. (C), (B), (A), (D). A1 : 1 A2 : 2	4.0	0.0
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A3 : 3

A4 : 4

Objective Question

78	976078	Which of the following is not an expected outcome of Competency Development Programme (CDP) for horticulture farmers? 1. Recorded and demonstrated traceability of horticultural products 2. Reduction of quantitative and qualitative losses between the time of harvest and consumption 3. Effective supply-chain management for export commodities to ensure consistency in supply for export 4. Development and multiplication of novel and high yielding varieties through research and development A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

79	976079	Fruit buds are always borne adventitiously in old trunk or shoots in : 1. Jackfruit 2. Fig 3. Apple 4. Mango A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

80	976080	Which of the following fruit crop has relatively highest tolerance level against soil alkalinity? 1. Olive 2. Guava 3. Date palm 4. Jamun A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

81	976081	Makhdoom, Shalimar, Waris are different varieties of : 1. Plum 2. Apricot 3. Almond 4. Fig A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

82	976082	The composition of drip fertigation recommended for elephant foot yam is : 1. N-P₂O₅-K₂O[150-60-100] 2. N-P₂O₅-K₂O[120-90-100] 3. N-P₂O₅-K₂O[120-60-120] 4. N-P₂O₅-K₂O[100-50-150] A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

83	976083	To minimize the sprouting loss in onions during storage, which of the following treatment is recommended? 1. Application of Klorocin @ 0.2% 2. Application of Ekalux @ 0.25% 3. High temperature exposure for 4-6 days 4. Irradiation with gamma rays @ 60-90 GY A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

84	976084		4.0	0.0
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Match List-I with List-II

List-I	List-II
(Coating Material)	(Fruit/Vegetable)
(A). Nutri-save	(I). Guava
(B). Brilloshine	(II). Golden delicious apple
(C). Palm Oil	(III). Mango
(D). Vapor gard	(IV). Avocado

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (II), (B) - (IV), (C) - (I), (D) - (III)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

85	976085	To manage the infestation of <i>Betanosa stylophora</i> in Aonla they are sprayed with : 1. Acephate 75SP (1.5g/L) or Profenophos (1.5g/L) 2. Dimethoate 30EC (2ml/L) or Fipronil 5SC (1ml/L) 3. Chlorpyrifos 20EC (0.05%) 4. Thiacloprid 21.7% SC @0.4ml/L	4.0	0.0
		A1 : 1 A2 : 2 A3 : 3 A4 : 4		

Objective Question

86	976086		4.0	0.0

Match **List-I** with **List-II**

List-I	List-II
(Fruits)	(Maturity Indices or characteristics)
(A). Cherry	(I). TSS=14-15%, Light red colour
(B). Banana	(II). TSS:total acid ratio of 30-40, bright red colour
(C). Asian Pears	(III). Dissappearance of angularity in a cross section of the finger
(D). Litchi	(IV). Skin colour change to yellowish green

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (I), (B) - (III), (C) - (IV), (D) - (II)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87 976087

Which system of grapevine training is in use currently?

1. Head
2. Kniffin
3. V
4. Y or extended Y

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

88 976088

Rambutan belongs to the family :

1. Sapindaceae
2. Elaeagnaceae
3. Rutaceae
4. Ranunculaceae

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

89	976089	In case of deficiency of the symptoms are similar to N deficiency, except occurs first on young leaves. 1. Ca 2. Mo 3. P 4. Zn A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

90	976090	In case of deficiency indicated by symptoms appearing first on younger leaves as youngest leaf with white, withered and twisted tip, die back. 1. S 2. Cu 3. Fe 4. Ca A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

91	976091	<i>Tetrazolium test</i> is useful in and the colourless solution is reduced by 1. seed viability; pyruvate reductase enzyme 2. genetic purity; fumarate reductase enzyme 3. seed viability; dehydrogenase enzyme. 4. genetic purity, succinyl co-A synthetase enzyme A1 : 1 A2 : 2 A3 : 3	4.0	0.0
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A4 : 4

Objective Question

92	976092	The standards required for certification of seed by certification agency - 1. IMSCS : <i>International Mandatory Seed Certification Standards</i> 2. IMSCS : <i>Indian Minimum Seed Certification Standards</i> 3. IMSCS : <i>International Main Seed Certification Standards</i> 4. IMSCS : <i>International maximum Surety Certified Seeds</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

93	976093	Considering Seed Act, 1966 for reference the permissible limit of Genetic Purity (G.P.) % for Certified Seed (hybrid) should be - 1. 100% 2. 99% 3. 95% 4. 85% A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

94	976094	Select the correctly matched pair from the given options - (A). Often cross pollinated crops : Lima bean, borad bean, okra, chilli and sweet potato. (B). Wind pollinated crops : Amaranth, palak, beet root. (C). Insect pollinated crops : Bottlegourd, cabbage, carrot and turnip (D). Vegetatively propagated : Colocasia, garlic and pointed gourd Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (B) and (C) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2	4.0	0.0
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A3 : 3

A4 : 4

Objective Question

95 976095

4.0 0.0

Identify the CORRECT effect of elevated CO₂ on the growth and yield from the given options.

(A). **Onion** : Bulb size and yield of onion increased.

(B). **Tomato** : 24% more fruits.

(C). **Onion** : No effect; **Tomato** : 24% more fruits.

(D). **Onion** : No effect; **Tomato** : No effect.

Choose the **correct** answer from the options given below:

1. (A) and (B) Only
2. (C) Only
3. (D) Only
4. (A) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96 976096

4.0 0.0

Match **List-I** with **List-II**

List-I	List-II
(Crop : Pest)	(Biocontrol Agent)
(A). Apple : <i>Eriosoma lanigerum</i>	(I). <i>Trichogramma pretiosum</i>
(B). Citrus : <i>Icerya purchasi</i>	(II). <i>Aphelinus mali</i>
(C). Brinjal : <i>Coccidohystrix insolita</i>	(III). <i>Rodolia cardinalis</i>
(D). Tomato : <i>Helicoverpa armigera</i>	(IV). <i>Cryptolaemus montrouzieri</i>

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
2. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)
3. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

97	976097	Select the benefits associated with hypobaric storage - (A). This kind of storage extends the life of a wide range of crops, when combined with refrigeration compared to refrigeration alone. (B). Ripening of fruits is retarded due to the increase in the partial pressure of oxygen and due to the reduction in the ethylene levels. (C). The vaccum chamber is vented continuously with water saturated with air to maintain oxygen levels and to minimize water loss. (D). This can be effective method for reducing O₂ tension and for accelerating the escape of ethylene and other volatiles. Choose the correct answer from the options given below: 1. (A), (B) and (D) only. 2. (A), (C) and (D) only. 3. (A), (B), (C) and (D). 4. (B), (C) and (D) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

98	976098	The concept of <i>Zero-energy cool chambers</i> is very innovative, low cost, viable idea for the country like India. The temperature and relative humidity can be achieved in the following range in these setups. 1. Temperature : 22-26⁰C and Relative Humidity : 85% 2. Temperature : 25-28⁰C and Relative Humidity : 65% 3. Temperature : 20-25⁰C and Relative Humidity : 75% 4. Temperature : 15-18⁰C and Relative Humidity : 95% A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	0.0
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Objective Question

99	976099		4.0	0.0
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Select the only crop/s that is/are a vegetable crop and grouped under underexploited category

- (A). Lima Bean, Winged Bean, Elephant Foot Yam
- (B). Celery, Parsley, Parsnip and Lettuce
- (C). Rhubarb, Basella, Bhathu (Chenopods) and Chekurmanis
- (D). Asparagus, Spinach, Jack Bean and Sword Bean

Choose the **correct** answer from the options given below:

1. (A), (B) and (C) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

100 976100

4.0 0.0

In tomato plantation one of the major pest is *Helicoverpa armigera* which is known to cause huge loss to the crop. In the process of IPM intercropping of the following is the correct step followed-

1. Raddish
2. African tall marigold
3. Lablab Bean
4. Cabbage and Cauliflower

A1 : 1

A2 : 2

A3 : 3

A4 : 4