

NEET STRATEGIES FOR ENHANCEMENT IN FOOD PRODUCTION — PLANT BREEDING: STEPS AND GREEN REVOLUTION — PYQS

Max. Marks: 56

Questions: 14

Section A (MCQ) — 14 questions

Q.1 In plant breeding programmes, the entire collection (of plants/seeds) having all the diverse alleles for all genes in a given crop is called : [NEET 2013]

- (1) germplasm collection
- (2) evaluation and selection of parents
- (3) selection of superior recombinants
- (4) cross-hybridisation among the selected parents

Scan or tap for the
full solution



Q.2 Green revolution in India occurred during - [AIPMT 2012 (Mains)]

- (1) 1980's (2) 1950's (3) 1960's (4) 1970's

Scan or tap for the
full solution



Q.3 A collection of plants and seeds having diverse alleles of all the genes of a crop is called :

[AIPMT 2011 (Prelims)]

- (1) Gene library (2) Genome
- (3) Germplasm (4) Herbarium

Scan or tap for the
full solution



Q.4 "Jaya" and "Ratna" developed for green revolution in India are the varieties of : [AIPMT 2011 (Prelims)]

- (1) Bajra (2) Wheat (3) Maize (4) Rice

Scan or tap for the
full solution



Q.5 In maize, hybrid vigour is exploited by:- [AIPMT 2007]

- (1) Crossing of two inbred parental lines
- (2) Bombarding the seeds with DNA
- (3) Harvesting seeds from the most productive plants
- (4) Inducing mutations

Scan or tap for the
full solution



Q.6 In Maize, hybrid vigour is exploited by- [AIPMT 2006]

- (1) Crossing of two inbred parental lines
- (2) Inducing mutations
- (3) Harvesting seeds from the most productive plants
- (4) Bombarding the protoplast with DNA

Scan or tap for the
full solution



Q.7 Triticale, the first man-made cereal crop, has been obtained by crossing wheat with [AIPMT 2006]

- (1) Pearl millet (2) Sugarcane
- (3) Rye (4) Barley

Scan or tap for the
full solution



Q.8 Three crops that contribute maximum to global food grain production are - [AIPMT 2005]

- (1) Wheat, maize and sorghum
- (2) Wheat, rice and barley
- (3) Wheat, rice and maize
- (4) Rice, maize and sorghum

Scan or tap for the
full solution



Q.9 The name of Norman Borlaug is associated with- [AIPMT 2005]

- (1) Blue Revolution (2) Yellow Revolution
- (3) Green Revolution (4) White Revolution

Scan or tap for the
full solution



Q.10 India's wheat yield revolution in the 1960s was possible primarily due to :- [AIPMT 2004]

- (1) Hybrid seeds
- (2) Quantitative trait mutations
- (3) Increased chlorophyll content
- (4) Mutations resulting in plant height reduction

Scan or tap for the
full solution



Q.11 Which of the following crops have been brought to India from New world ? [AIPMT 2002]

- (1) Mango, tea
- (2) Coffee
- (3) Tea, rubber, mango
- (4) Cashewnut, potato, rubber

Scan or tap for the
full solution



Q.12 Which statement is correct about centre of origin of plant ? [AIPMT 2001]

- (1) Climatic condition more favourable
- (2) More diversity in improved variety
- (3) None
- (4) Frequency of dominant gene is more

Scan or tap for the
full solution



Q.13 Before the European invasion, which vegetables were absent in India? [AIPMT 2001]

- (1) Simla mirch and Brinjal
- (2) Bitter gourd
- (3) Maize and chichinda
- (4) Potato and Tomato

Scan or tap for the
full solution



Q.14 Triticale is obtained by crossing wheat with

[AIPMT 2001]

- (1) Barley (2) Rye (3) Oat (4) Maize

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8	9	10	11
Ans.	1	3	3	4	1	1	3	3	3	4	4
Ques.	12	13	14								
Ans.	2	4	2								