

## FCI Previous year Question Papers for FCI Assistant Grade-III (Godown) EXAM

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This Question paper contains set of 50 objective type Question Papers that will help students in Cracking the exam.FCI SAMPLE PAPER for Agriculture

### FCI AGRICULTURE Solved objective Question:

1. How many factors are identified  
for influencing plant growth till  
now ?

- (A) 55
- (B) 60
- (C) 52
- (D) 50

Answer:C

2, How does the moisture stress  
affect the cell

- (A) Affect cell division
- (B) Affect cell expansion
- (C) Cell mortality rate is affected
- (D) No effect on cell

Answer:A

3. At the vegetative growth stage,  
flowering is stopped in food-  
grain crops, known as-

- (A) sigmoid growth curve
- (B) determinate growth
- (C) indeterminate growth
- (D) grand growth period

Answer:B

4. Which one of the following can

be assessed by using the following equation ?

$A = \frac{\text{Economic Production}}{\text{Biomass Production}}$

- (A) Panicle emergence rate
- (B) Rate of flowering
- (C) Harvest Index
- (D) Leaf production rate

Answer:C

5. How much radiation energy percentage radiating on plant is used in photosynthesis ?

- (A) 0-50%-210%
- (B) 0-42%-1•66%
- (C) 0-25%-0-30%
- (D) 0-16%-0-24%

Answer:B

6. The crop with yarns of sunnhemp is prepared in-

- (A) 12-15 weeks
- (B) 15-17 weeks
- (C) 10-12 weeks
- (D) 8-10 weeks

Answer:A

7. Which is not an inorganic matter in the following ?

- (A) Magnesium
- (B) Iron
- (C) Fat
- (D) Iodine

Answer:C

8. Which is the highest digestible protein non-leguminous crop

among the following

- (A) Napier
- (B) Maize silage
- (C) Maize
- (D) Iowar

Answer:D

9. Which disease occurs, when more sorghum is consumed ?

- (A) Rickets
- (B) Scurvy
- (C) Nightblindness
- (D) Pellagra

Answer:D

10. Which Sorghum variety is not multicut ?

- (A) Pusa Chari-2
- (B) M.P. Chari-2
- (C) M.P. Chari
- (D) U.P. Chari-1

Answer:D

11. Which is not true in relation to Bajra ?

- (A) Pennisetum typhoides
- (B) Graminae family
- (C) Chromosome No. – 20
- (D) Origin Africa

Answer:D

12. Which variety of Barley is husk-less

- (A) Pragati (K 508)
- (B) Ritambhara (K 551)

(C) Geetanjali (K 1149)

(D) Karan-3

Answer:D

13. Which is not true in relation to

Gram ?

(A) Subfamily—Papilionaceae

(B) Chromosome No.—22

(C) Acid—Ma.lic and Oxalic

(D) Origin—North America

Answer:D

14. Which does not match in relation

to Cotton ?

(A) C-520 — Diploid

(B) G-27 — Diploid

(C) Vikas — American

(D) Ranivan — American

Answer:D

15. Which is not matched in relation

to sugarcane ?

(A) Seed treatment—Aglol 3%

(B) For seed—6-7 month old crop

(C) Sowing—Upper portion is more used

(D) After flowering—Used for sowing

Answer:D

16. Which is not basic principle of

Agronomy ?

(A) To select appropriate materials for seed & sowing

(B) Management of soil and climate

(C) Appropriate intercropping

activities management for crop

(D) Livestock management for

Agriculture

Answer:D

17. Where and when was World

Meteorological Organization

established ?

(A) New York – 1980

(B) Washington-1978

(C) Geneva—1978

(D) Rome- 1976

Answer:C

18. Effective cause of atmospheric

pressure is not-

(A) temperature

(B) altitude from the sea level

(C) rotation of earth

(D) soil erosion

Answer:D

19. Which is not correct in the

following ?

(A) X-rays and Gamma rays

— 9% of energy

(B) Visible lighting rays -41%

of energy

(C) Infrared rays -50% of

Y energy

(D) Ultraviolet rays- 10% of

energy

Answer:A

20. Match List-I with List•II and

select the correct answer using

the codes given below-

List-I

(a) Paddy (b) Wheat

(c) Maize (d) Groundnut

List-II '

1. 20°C 2. 22°C

3. 25°C 4. 26°C

Codes

(a) (b) (c) (d)

(A) 4 2 3 1

(B) 2 1 4 3

(C) 3 4 2 1

(D) 1 3 4 2

Answer:B

21, Which states are the highest 8:

lowest producers of Potato crop ?

(A) Uttar Pradesh and Jharkhand

(B) Gujarat and Assam

(C) Uttar Pradesh & Himachalpradesh

(D) Bihar & Kashmir

Answer:A

22. Which elements are useful in

energy storage, transfer and

bonding ?

(A) N P K

(B) N S P

(C) N K S

(D) None of these

Answer:C

23. Which of the following elements

play an important role in nitrogen metabolism ?

- (A) Magnesium
- (B) Manganese
- (C) Molybdenum
- (D) Iron

Answer:C

24. How much Brinjal seed may be obtained from one hectare area ?

- (A) 150-200 kg
- (B) 100-150 kg
- (C) 200-300 kg
- (D) 75-125 kg

Answer:D

25. Which species of honeybee is not Indian ?

- (A) *Apis florea*
- (B) *Apis dorsata*
- (C) *Apis cerana*
- (D) *Apis mellifera*

Answer:D

26. Which of the following is the cross of Karan Swiss ?

- (A) Sahiwal x Brown Swiss
- (B) Sahiwal x Holstein
- (C) Hariyana x Brown Swiss
- (D) Hariyana x Jersey

Answer:A

27. For how many years is Sheep able to breed ?

- (A) 10 years

(B) 7years

(C) 5 years

(D) 12 years

Answer:A

28, How much area m<sup>2</sup> is required

for a Goat ?

(A) 0-9 ~ 10 m<sup>2</sup>

(B) 1-1-5 m<sup>2</sup>

(C) 0-75 — 090 m<sup>2</sup>

(D) 1-5 – 1-75 m<sup>2</sup>

Answer:C

29. Goal of extension education is-

(A) To promote income of the

farmers

(B) To promote production of

the crops

(C) To promote new crops

(D) To promote scientific out-

look

Answer:D

30. The major fungi that effect food-

grains in storage are—

(A) Mucor

(B) Rhizopus

(C) Candida

(D) Aspergillus

Answer:A

31. The leaching loss of Nitrogen (N)

is more in the form of—

(A) Ammonia

(B) Nitrate



(C) Nitrogen

(D) Water solution

Answer:B

32. Which is not a natural factor affecting soil fertility ?

(A) Topography

(B) Soil age

(C) Air

(D) Parent material

Answer:C

33. Approximately how much area in lakh hectares of saline and alkali soils are there in Uttar Pradesh ?

(A) 15-00 lakh hectares

(B) 12-4 lakh hectares

(C) 10-4 lakh hectares

(D) 14-4 lakh hectares

Answer:B

34. How much percentage of soluble salts are present in Alkali soils ?

(A) 1% • 2%

(B) 0-1% — 0-2%

(C) 1-5% — 2-5%

(D) 2% ~ 3%

Answer:B

35, How much is the cropped area in Uttar Pradesh ?

(A) 9%

(B) 11%

(C) 12%

(D) 8%

Answer:C

36. The monsoon winds in the country reach at which bank first of all ?

- (A) Coastal region of Orissa
- (B) Bay of Bengal region
- (C) Coastal region of Kerala of South Indian region
- (D) Kachchh region of Gujarat

Answer:C

37. A.D.P. to A.T.P. change is called

- (A) Photosynthesis
- (B) Phosphorylation
- (C) Transpiration
- (D) Oxidation

Answer:B

38. What is the order of C 4 plants ?

- (A) Sugarcane — Maize — Sudan grass — Bajra
- (B) Sugarcane — Cotton — Paddy - Maize
- (C) Sudan grass — Sugarcane - Paddy •- Bajra
- (D) Cotton — Maize ~ Bajra — Sugarcane

Answer:A

39. At what stage are more nutrients essentially required in cereal crops ?

- (A) Growth stage of plants

(B) Formation of leaves

(C) Particle initiation

(D) Maturity of crops

Answer:A

40. At which stage of crop, there is no competition for light, moisture and nutrients ?

(A) Node formation stage

(B) Seedling stage

(C) Grain formation stage

(D) Before maturity stage

Answer:D

41. Approximately how much HCN dose is harmful for animal feeding

(A) 0-25 gm

(B) 0-50 gm

(C) 2-50 gm

(D) 3-50 gm

Answer:B

42. Due to which reason is the Napier Grass mixed with Cluster bean or Cowpea for feeding ?

(A) Due to high crude fibre

(B) Due to oxalic acid

(C) Due to more carbohydrates

(D) Due to more HCN content

Answer:A

43. Which is the perennial variety of Elephant Grass (Napier Grass) ?

(A) Pusa Giant

(B) NB-21

(C) Pusa Giant Napier

(D) Napier-1

Answer:C

44. More than how much percentage of loss of urea should not be during silage fermentation ?

(A) 20% — 22%

(B) 15% — 18%

(C) 10% — 12%

(D) 8% — 10%

Answer:D

45. From where is Krishak Bharati magazine published ?

(A) G. B. Pant University of

Agriculture & Technology, Pant

Nagar

(B) C. S. A, University of Agriculture & Technology, Kanpur

(C) Narendra Dev University of

Agriculture and Technology,

Fajzabad

(D) Sardar Vallabh Bhai Patel

University of Agriculture and

Technology, Meerut

Answer:B

46. How much minimum temperature is essential for wheat germination and optimum temperature for crop growth in degree Celsius ?

(A) 3•5°C-5•5°C and 20°C—22°C

(B) 5•6°C—7•5°C and 16°C—18°C

(C) 8°C—10°C and 30°C—35°C

(D) 10°C—12°C and 25°C—30°C

Answer:D

47. In case of availability of two irrigations for wheat, at which critical stage crop should be irrigated ?

- (A) Tillering and Flowering
- (B) Crown Root Initiation and Milking stage p
- (C) Crown Root Initiation and Flowering
- (D) Late joint and Dough stage

Answer:C

48. Which is not the symptom of Khum disease

- (A) Dark grey colour spots on leaves
- (B) Adverse effect on root growth
- (C) More diseases stop the crop growth
- (D) Stem of plants turn and fall 1 down

Answer:A

49. What is the suitable Rabi maize variety ?

- (A) Sharadmani
- (B) Azad Uttam
- (C) Naveen
- (D) Ganga — 5

Answer:A

50. Which disease is not related to

Bajra ?

(A) Green Ear

(B) Ergot

(C) Wilt

(D) Rust

Answer:C