

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

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 m² is required

for a Goat ?

(A) 0-9 ~ 10 m²

(B) 1-1-5 m²

(C) 0-75 — 090 m²

(D) 1-5 – 1-75 m²

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