

## PUNJAB NATIONAL BANK SPECIALIST OFFICERS

(Held on 4-10-2010)

# Professional Knowledge

1. Which of the following methods of surface irrigation is considered as water and fertilizer efficient and ideal for several crops ?  
(A) Check basin and border strip irrigation  
(B) Furrow irrigation  
(C) Raised bed planting method of irrigation  
(D) Surge irrigation  
(E) Flood irrigation
2. According to MoA, Gol Report 2008-09, which state has largest area under 'Drip Irrigation' ?  
(A) Andhra Pradesh  
(B) Gujarat  
(C) Tamil Nadu  
(D) Karnataka  
(E) Maharashtra
3. Which is the most widely used green manuring crop in Assam, West Bengal, Bihar, Haryana, Punjab, TN and Uttar Pradesh (This crop does well on Alkaline and Waterlogged soils) ?  
(A) Sunnhemp  
(B) Dhaincha  
(C) Cowpea  
(D) Egyptian Clover  
(E) Senji (Melilotus Parviflora)
4. Which micro-organism is most commonly used as Bio-fertilizer of pulse legumes, oil legumes and fodder legumes ?  
(A) Rhizobium  
(B) Azolla  
(C) Blue-green algae  
(D) Azospirillum  
(E) None of these
5. What is the percentage of water soluble K<sub>2</sub>O present in Murriate of Potash ?  
(A) 57                   (B) 58  
(C) 59                   (D) 60  
(E) Above 60
6. Presently, which of the following chemical fertilizers is not produced in India and is being imported ?  
(A) Triple superphosphate (TSP)  
(B) Potassium Sulphate  
(C) Amonium chloride  
(D) Ammonium sulphate  
(E) All of these
7. Which one of the following states has the largest area under Kharif Maize ?  
(A) Uttar Pradesh  
(B) Rajasthan  
(C) Madhya Pradesh  
(D) Bihar  
(E) Andhra Pradesh
8. Of the total area under chillies in India, the share of which state is about 27 to 28 per cent ?  
(A) Andhra Pradesh  
(B) Maharashtra  
(C) Karnataka  
(D) Tamil Nadu  
(E) Madhya Pradesh
9. Which is the most widely distributed and commercially reared honeybee species in the world ?  
(A) Apis Florea  
(B) Apis Dorsata  
(C) Apis Cerana  
(D) Apis Mellifera  
(E) None of these
10. The Larvae of which of the following Pests of Sorghum crop, cut growing points and cause dead-hearts to the plant ?  
(A) Aphids  
(B) Termites  
(C) Cutworms  
(D) Shoot fly  
(E) Stem-borer
11. The shoot and fruit borers, jassids, spider mites and leaf rollers are the major pests of which of the following vegetable crops ?  
(A) Tomato  
(B) Okra or Bhindi  
(C) Cucumber  
(D) Peas  
(E) Red Pumpkin
12. The Central Research Institute for Dryland Agriculture (CRIDA) is located at—  
(A) Anand (Gujarat)  
(B) Anantpur Santoshnagar, Hyderabad (A.P.)  
(C) Solapur (Maharashtra)  
(D) Bijapur (Karnataka)  
(E) None of these
13. Which seeding and fertilizer application equipments is developed by CCSHAU, Hisar, centre ?  
(A) Ridge seeder  
(B) Two-row bullock-drawn ridger seeder  
(C) A single-row bullock-drawn FESPO plough  
(D) Malviya seed-cum fertilizer drill  
(E) Tractor drawn planter
14. It is estimated that India wastes more fruits and vegetables than what is consumed every year in—  
(A) U.S.A.  
(B) United Kingdom  
(C) Australia  
(D) Germany  
(E) Brazil
15. In which year the National Dairy Development Board (NDDB) was established through an Act of Parliament with the headquarters at Anand (Gujarat) ?  
(A) 1963                   (B) 1965  
(C) 1967                   (D) 1969  
(E) 1971

16. Which of the following states developed 'Uzavaar sandies'-an innovative model in agricultural marketing which involved direct sale of farm produce to the consumers ?
- Andhra Pradesh
  - Tamil Nadu
  - Kerala
  - Karnataka
  - Uttarakhand
17. In which year, the system of 'minimum support prices' (MSP) was started in India to provide remunerative price environment to the farmers to encourage use of HYVs of wheat and paddy and to invest in modern inputs ?
- 1965
  - 1966
  - 1967
  - 1968
  - 1969
18. During 2007-08, the share of agricultural export to total exports in India was—
- 10-78 per cent
  - 10-92 per cent
  - 11-08 per cent
  - 12-15 per cent
  - 12-70 per cent
19. The total assets is ₹ 35,000 and total liability is ₹ 5,500. What could be the net Capital Ratio ?
- 6-36
  - 7-00
  - 5-83
  - 5-38
  - 5-00
20. Which of the following formula is used for calculating '**Rate of Turn Over**'[Income Ratios in Farm management studies] ?
- $\frac{\text{Total Expenses}}{\text{Gross Income}} \times 100$
  - $\frac{\text{Gross Income}}{\text{Total Assets}} \times 100$
  - $\frac{\text{Fixed Expenses}}{\text{Gross Income}} \times 100$
  - $\frac{\text{Operating Expenses}}{\text{Gross Income}} \times 100$
  - None of these
21. Which one of the following extension methods you will use for showing techniques of doing things like preparation of nursery bed, treating seed with insecticides, line sowing, taking soil samples, grafting fruits tress etc. for a group of farmers ?
- (A) Result Demonstration  
 (B) Method Demonstration  
 (C) Frontline Demonstration  
 (D) Conducted Tour  
 (E) Motion Pictures (movies)
22. Which of the following schemes aim at achieving 4 per cent annual growth in the Agricultural sector during the XI Five Year plan period by ensuring a holistic development of Agriculture and allied sectors—
- RKVY
  - NREGS
  - BRGF
  - SGSY
  - None of these
23. In which month and year the National Policy on Skills Development approved by the Union Cabinet, aimed at empowering all individuals to enable them to get access to decent employment and to promote inclusive national growth ?
- January 2009
  - February 2009
  - June 2009
  - April 2009
  - March 2009
- 24.1 Which one of the following Rice varieties you will recommend for growing in saline areas of Haryana state?
- Panvet-1
  - CSR30
  - CST7-1
  - HKR126
  - HKR47
25. Which of the following hybrid Rice variety was released in 2007, and it manures in 85-90 days, yields about 6-7 tonnes/ha and suitable for cultivation in Tamil Nadu State ?
- Hybrid 6129
  - JRH5
  - JRH4
  - CORH3
  - Indrasona
26. Under irrigated condition, this period is considered as the most optimum time for sowing, the medium and long-duration wheat varieties in India ?
- First fortnight of October
  - Second fortnight of October
  - First fortnight of November
  - Second fortnight of November
  - First fortnight of December
27. In the cool arid region of Ladak for covering 100 hectare area under Barley crop, how much quantity of seeds will be required ?
- 22,000 to 25,000 kg
  - 22,000 to 27,000 kg
  - 23,000 to 28,000 kg
  - 24,000 to 29,000 kg
  - 25,000 to 30,000 kg
28. The Jawahar, Amber are considered as important and good varieties of maize used for—
- Fodder
  - Pop-Corn
  - Orissa
  - Baby Corn
  - Quality Protein Maize
29. The 'Eri' Silkworm (*Philosamia recini*) which feeds on common castor-plant, is mainly raised in which of the following states, for producing eri-silk ?
- West Bengal
  - Bihar
  - Orissa
  - Himachal Pradesh
  - Tamil Nadu
30. Within six years of commercialization, from four acres in 2002, the area covered under Bt. Cotton (GMO) in India in 2008 was—
- 6-50 million ha
  - 7-00 million ha
  - 7-50 million ha
  - 800 million ha
  - 8-50 million ha
31. Under the head 'Informatics in Agriculture' which institute has developed Grape Expert System, Mushroom Expert System, Cabbage Pest Expert System ?
- National Institute of Agriculture Extension Management (MANAGE), Hyderabad
  - Indian Institute of Horticultural Research (IIHR), Bangalore
  - Indian Agricultural Research Institute (IARI), New Delhi

- (D) Centre for Informatics Research and Advancement, Kerala (AGREX)  
(E) None of these
32. What is Age at First calving (Range) of 'Sahiwal' breed of cattle in India ?  
(A) 41-49 months  
(B) 38-48 months  
(C) 39-53 months  
(D) 44-61 months  
(E) 36-42 months
33. Milk of which dairy animal contains a highest percentage of Fat, Protein, Lactose and total solids—  
(A) Zebu cows  
(B) European cows  
(C) Cross-breed cows  
(D) Buffaloes  
(E) None of these
34. Which one of the following Indian breeds of sheep, you will suggest for meat and carpet wool production ?  
(A) Deccani (B) Nellore  
(C) Gaddi (D) Avivastra  
(E) Mandya
35. Based on the Prime Production Traits/Characteristics, the Sirohi Breed of goat is classified under—  
(A) meat and skin purpose  
(B) meat, milk and skin purpose  
(C) meat, hair and skin purpose  
(D) meat, pashmina and skin purpose  
(E) only meat
36. This is one of the best 'poultry feed stuff and having good source of animal protein as it contains 34-55 per cent protein—  
(A) Groundnut cake  
(B) Fishmeal  
(C) Soybean-meal  
(D) Sunflower seed-meal  
(E) Linseed-meal
37. Which one of the following countries, the farm gate milk price per litre (₹) is the Highest ?  
(A) Japan  
(B) Canada  
(C) European Union  
(D) New Zealand  
(E) U.S.A.
38. In which of following items of pure bread cattle, is the maintenance cost per animal per day the largest ? (about 42 to 43 per cent of total maintenance cost)  
(A) Feed cost  
(B) Labour cost  
(C) Medicinal cost  
(D) Supervision (Maintenance) cost  
(E) Replacement cost
39. If the total capital investment cost for a 5,000 poultry birds farm for meat production is ? 8-20 lakhs; what is the percentage share generally taken for purchase of chicks / pullets in this?  
(A) 30 per cent  
(B) 35 per cent  
(C) 40 per cent  
(D) 45 per cent  
(E) None of these
40. What was the target given to Commercial Banks for extending crop loans to the farmers during 2010-11 (As announced in Union Budget 2010-11) ?  
(A) ₹ 3,00,000 crore  
(B) ₹ 3,25,000 crore  
(C) ₹ 3,50,000 crore  
(D) ₹ 3,75,000 crore  
(E) ₹ 3,75,500 crore