

IPBS AFO (AGRICULTURE FIELD OFFICER) 2021 QUESTION PAPER

S.No.	Question & Option's	Answer
1	Which crop Botanical Name Oryza sativa? <ul style="list-style-type: none">○ Rice○ Wheat○ Gram○ Pea○ Maize	Rice
2	2 What is the uniform premium rate for all Rabi crops as per PMFBY? <ul style="list-style-type: none">○ 1.5%○ 2%○ 3%○ 5%○ 4%	1.5%
3	Pungency in Onion due to which Compound? <ul style="list-style-type: none">○ Allyl propyl disulphide○ Di allyl Di Sulphide○ Isothiocynate○ Memordicocite○ Anthocyanin	Allyl propyl disulphide
4	Blossom end rot is problem in_____ due to deficiency of _____? <ul style="list-style-type: none">○ Tomato & Ca○ Tomato & B○ Cauliflower & Ca○ Cauliflower & B○ None of these	Tomato & Ca
5	Effluent Treatment of Pond required for? <ul style="list-style-type: none">○ Reduce the organic content and remove pathogens from Pond.○ Increase the organic content and add pathogens from Pond.○ Reduce Oxygen In Pond○ Increase CO2 In Pond○ None of these	Reduce the organic content and remove pathogens from Pond

6.	As per the PFA , SNF in cow milk is? <ul style="list-style-type: none">○ 8.5%○ 8.0%○ 9.0%○ 9.5%○ None of these	
7.	Piercing and sucking mouth parts found in which Order? <ul style="list-style-type: none">○ Hemiptera○ Coleoptera○ Isoptera○ Lepidoptera○ Arthoptera	Hemiptera
8.	The superiority of F1 hybrid in one or more characters over its parents is Known as ? <ul style="list-style-type: none">○ Heterosis○ Back cross○ Test cross○ top cross○ None of these	Heterosis
9.	ICMR recommendation of vegetables in grams? <ul style="list-style-type: none">○ 300 gram○ 400 gram○ 500 gram○ 200 gram○ 100 gram	300 gram
10.	In Which scheme direct farmer get Rs.6000 support by the 11.government annually <ul style="list-style-type: none">○ PM-Kisan○ PMFBY○ e-NAM○ KCC○ PMMSY	PM-Kisan
11	Pendimethalin used against? <ul style="list-style-type: none">○ Weeds○ Virus○ Fungus○ Bacteria	Weed

	<ul style="list-style-type: none">○ Nematode	
12.	<p>Act of Parturition of sow, is called as?</p> <ul style="list-style-type: none">○ Farrowing○ Calving○ Lambing○ Kidding○ None of these	Farrowing
13	<p>RM(Reichert – Meissl Number) test is done to check purity of?</p> <ul style="list-style-type: none">○ Ghee○ Butter○ Skimmed milk○ Toned milk○ Khoa	Ghee
14	<p>Water holding capacity in descending order?</p> <ul style="list-style-type: none">○ Clay > Silt > Sand○ Sand > Silt > clay○ Silt < Clay < Sand○ Clay < Silt < Sand○ None of these	Clay > Silt > Sand
15	<p>Symptoms of Powdery mildew of pea is first appeared on?</p> <ul style="list-style-type: none">○ Pod○ leaves○ Steam○ flower○ Roots	Leaves
16	<p>Family of Mustard?</p> <ul style="list-style-type: none">○ Cruciferae○ Graminae○ Leguminaceae○ Cucurbitaceae○ Solanaceae	Cruciferae
17	<p>Process which soften the seed coat to water and gas?</p> <ul style="list-style-type: none">○ Scarification○ Stratification○ Vaccination○ Vaculization○ None of these	Scarification
18	<p>Protein present in silk?</p>	

	<ul style="list-style-type: none">○ Sericin○ Keratin○ Collagen○ Albumin○ Oryzein	Sericin
19	<p>Process of separation of silk from cocoon?</p> <ul style="list-style-type: none">○ Reeling○ Stiffling○ Arrowing○ Rabbing○ None of these	Reeling
20	<p>Anthareae mylitta is?</p> <ul style="list-style-type: none">○ Temperate tasar○ Tropical tasar○ Temprate muga○ Tropical muga○ Eri	Tropical tasar
21	<p>Rating is a process of Which Crop?</p> <ul style="list-style-type: none">○ Rice○ Jute○ Gram○ Tobacco○ Potato	Rice
22	<p>Fruit of Rose Known as?</p> <ul style="list-style-type: none">○ Hips○ Capsule○ Pods○ Drupe○ Berry	Hips
23	<p>Which of the Following Chemical used for Polyploidy Breeding ?</p> <ul style="list-style-type: none">○ Colchicin○ X-ray○ GA3○ Acridine dyes○ Auxin	Colchicin
24	<p>Cross of two different breeds alternatively?</p> <ul style="list-style-type: none">○ Criss-cross○ Back cross○ Test cross○ Out cross○ Close breeding	Criss cross

25	Fruit of Pineapple Known as? Sorosis <ul style="list-style-type: none">○ Pome○ Pepo○ Berry○ Drupe	Sorosis
26	The credit for success of KVK goes to? <ul style="list-style-type: none">○ mohan singh mehta○ Chandrika prasad○ Mangla Rai○ Dr. R. S. Paroda○ Balwant mehta	Mangla Rai
27	Buffalo breed from Gujarat and have sickle shaped horn? <ul style="list-style-type: none">○ Surati○ Bhadavari○ Murrah○ Mehsana○ Nili ravi	Surati
28	Reclamation of alkali soils by using? <ul style="list-style-type: none">○ Gypsum○ Rock Sulphate○ SSP○ Lime○ None of these	Gypsum
29	Which is Host of Japanese <i>encephalitis</i> ? <ul style="list-style-type: none">○ Pig○ Mosquito○ Cow○ Goat○ Sheep	Mosquito
30	Mandi is a type of market? <ul style="list-style-type: none">○ Primary Type○ Fairs○ secondary○ Tertiray○ None of these	Primary Type
31	Mayer published a paper in 1886 on the disease, which he named "Mosaic disease"	

	of Which Crop", and described its symptoms in detail.? <ul style="list-style-type: none">○ Tobacco○ Tomato○ Potato○ Banana○ Papaya	Tobacco
32	What is smother crop? <ul style="list-style-type: none">○ Rapidly growing Crop that is used to suppress or stop the growth of Weed○ Rapidly growing Weed that is used to suppress or stop the growth of Crop○ A Variety of Cereals That Grow Slowly○ A Variety of Cereals That Grow Faster○ None of these	Rapidly growing Crop that is used to suppress or stop the growth of Weed
33	Late blight is the disease of ? <ul style="list-style-type: none">○ Potato○ Tobacco○ Wheat○ Chili○ None of these	Potato
34	Pre seasonal planting of sugarcane followed in Maharashtra and Karnataka <ul style="list-style-type: none">○ July-August○ Nov.-Dec.○ May-June○ Sep.-Oct○ January-February	Sep-Oct
35	Who recommends the MSP and issue prices? <ul style="list-style-type: none">○ Ministry of agriculture○ NAFED○ NABARD○ Commission for Agricultural Costs and Prices (CACP)○ Agmark	Commission for Agricultural Costs and Prices (CACP)
36	Mould board instrument used for? <ul style="list-style-type: none">○ Ploughing○ Weeding○ Harrowing○ Levelling	

	<ul style="list-style-type: none">○ None of these	Ploughing
37	Soil moisture is measured by which instrument? <ul style="list-style-type: none">○ Tensiometer○ Anemometer○ Auxanometer○ Manometer○ Potometer	Tensiometer
38	Which is European bee? <ul style="list-style-type: none">○ Apis mellifera○ Apis Dorsata○ Apis Cerana○ Apis Mellipona○ None of these	Apis mellifera
39	2-4 D used as? <ul style="list-style-type: none">○ Herbicide○ Insecticide○ Pesticides○ Bio-Pesticide○ None of these	Heribicide
40	Which one is not sedimentary rock? Granite <ul style="list-style-type: none">○ lime stone○ Sand stone○ Dolomite○ None of these	Granite
41	Buffalo milk is whiter than cow milk Why? <ul style="list-style-type: none">○ beta- carotene pigment gets converted to colorless Pigment○ It contains more fat○ It contains no lactose○ It contains more calcium○ None of these	beta- carotene pigment gets converted to colorless Pigment
42	Scratching, rubbing and softening seed coat to make it permeable for water and ? <ul style="list-style-type: none">○ Stratification○ Scarification○ Roughing○ Cleaning○ None of these	scarification
43	Tree + crop + pasture Known as?	

	<ul style="list-style-type: none">○ Agrisilvopastural system○ Silviculture○ Horti-pastural○ Agri-Horti-pastural○ Agri-Silviculture	Agrisilvopastural system
44	<p>What is zoonosis?</p> <ul style="list-style-type: none">○ Diseases transfer animals to humans○ Diseases transfer human to animal○ Diseases transfer bird to animal○ Diseases transfer human to bird○ None of these	Diseases transfer animals to humans
45	<p>Fat globule break in uniform size?</p> <ul style="list-style-type: none">○ Homogenization○ Sterilization○ Pasturization○ Calcification○ None of these	Homogenization
46	<p>Anammox is one of the step of?</p> <ul style="list-style-type: none">○ N Cycle○ H Cycle○ C Cycle○ S Cycle○ None of these	N Cycle
47	<p>The off type crop varieties in main crop known as?</p> <ul style="list-style-type: none">○ Rouging○ weeding○ Isolating○ Hoeing○ None of these	Rouging
48	<p>In Pomegranate disorder that cannot be identified externally, whereas the arils become soft, light creamy-brown to dark blackish-brown and unfit for consumption.?</p> <ul style="list-style-type: none">○ Internal breakdown of Pomogranate○ Cracking○ Fruit Sucking moth○ External breakdown○ None of these	Internal breakdown of pomogranate

49	<p>Parallel and anti Parallel lines in DNA helix is connected with which bond?</p> <ul style="list-style-type: none">○ Hydrogen bond○ Covalent○ Phosphate bond○ Carbon bond○ None of these	Hydrogen bond
50	<p>Sugarcane ratooning compared to pure crop?</p> <ul style="list-style-type: none">○ More N required○ Less N required○ More P required○ More K required○ None of these	More N required
51	<p>In Maharashtra Karnatak, and AP Grape Wines are pruned twice in month of -- and --?</p> <ul style="list-style-type: none">○ Feb-March and Nov-Dec○ April-May and Oct. - Nov○ June-July and Sep.-Oct.○ Jan-Feb and Aug-Sep○ None of these	April-May and Oct. - Nov
52	<p>Secretion of milk by glandular secretory tissue of milk animals & their collection in the various system terminating its let down - specific stimuli?</p> <ul style="list-style-type: none">○ Lactation○ Secretion○ Homogenization○ Flushing○ None of these	Lactation
53	<p>Coconut beetle?</p> <ul style="list-style-type: none">○ Rhinoceros beetle○ Red palm Weevil○ Coconut mite○ Black headed Caterpillar○ None of these	Rhinoceros beetle
54	<p>Which seed is progeny of breeder seed?</p> <ul style="list-style-type: none">○ Foundation seed○ Breeder seed○ Registered seed○ Certified seed○ Nucleus seed	Foundation seed
55	<p>Bordeaux mixture contains?</p>	

	<ul style="list-style-type: none">○ Cu○ S○ P○ Ca○ B	Cu
56	<p>Continuous seed sowing in row and covered by soil?</p> <ul style="list-style-type: none">○ Drilling○ Dibbling○ Broadcasting○ Hill dropping○ Check row planting	Drilling
57	<p><i>Milk fever</i> is caused due to the deficiency of?</p> <ul style="list-style-type: none">○ Ca○ Zn○ B○ cu○ N	Ca
58	<p>Which of the following housing system is used in commercial layer farming cage system in poultry having dimensions 14*16 inches or 17 inches?</p> <ul style="list-style-type: none">○ Battery Method○ Cage System○ Double Cage System○ Light Method○ None of these	Battery Method
59.	<p>The principle of this technique is the generation of nitrogen cycle by maintaining higher C: N ratio through stimulating heterotrophic microbial growth, which assimilates the nitrogenous waste that can be exploited by the cultured species as a feed?</p> <ul style="list-style-type: none">○ Biofloc fish farming○ Integrated fish farming○ Composite fish farming○ Marine fish farming○ Inland Fish farming	Bio-floc fish farming
60.	<p>When hybrid by protoplasmic fusion two different species/Varieties known as?</p> <ul style="list-style-type: none">○ Intra-specific hybridization○ Inter-specific hybridization○ Intra-generic hybridization	

	<ul style="list-style-type: none">○ Inter-generic hybridization○ Somatic hybridization	Somatic hybridization
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