

## IPBS AFO (AGRICULTURE FIELD OFFICER) 2020 QUESTION PAPER

| S.No. | Question & Option's  | Answer          |
|-------|--|-----------------|
| 1     | What is the Botanical name of pomegranate? <ul style="list-style-type: none"> <li>○ Punica granatum</li> <li>○ Citrus reticulata</li> <li>○ Prunus domestica</li> <li>○ Vitis vinifera</li> <li>○ Persea americana</li> </ul>        | Punica granatum |
| 2     | What is the Average Gestation period of buffalo ? <ul style="list-style-type: none"> <li>○ 270 days</li> <li>○ 310±5 days</li> <li>○ 150 days</li> <li>○ 114 days</li> <li>○ 147 day</li> </ul>                                      | 310±5 days      |
| 3     | In which state of India has highest forest area? <ul style="list-style-type: none"> <li>○ Madhya Pradesh</li> <li>○ Maharashtra</li> <li>○ Rajasthan</li> <li>○ Punjab</li> <li>○ Odisha</li> </ul>                                  | Madhya pradesh  |
| 4     | Which is the Propagation method used for the propagation of "Banana Crop ? <ul style="list-style-type: none"> <li>○ Sword suckers</li> <li>○ Veneer grafting</li> <li>○ Air layering</li> <li>○ Seed</li> <li>○ T-Budding</li> </ul> | Sword suckers   |
| 5     | A female pig which does not give birth to individuals is called as? <ul style="list-style-type: none"> <li>○ Boar</li> <li>○ Sow</li> <li>○ Gilt</li> <li>○ Dew</li> </ul>   | Gilt            |

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|     | <ul style="list-style-type: none"> <li>○ Ewe</li> </ul>   |             |
| 6.  | <p>Mating in sheep is called?/</p> <ul style="list-style-type: none"> <li>○ Serving</li> <li>○ Topping</li> <li>○ Coupling</li> <li>○ Calving</li> <li>○ Lambing</li> </ul>                               | Topping     |
| 7.  | <p>What is isolation required for foundation seed production of okra?</p> <ul style="list-style-type: none"> <li>○ 50</li> <li>○ 100</li> <li>○ 400</li> <li>○ 800</li> <li>○ 1000</li> </ul>             | 400         |
| 8.  | <p>Verti soil is highest found in which state ?</p> <ul style="list-style-type: none"> <li>○ Madhya pradesh</li> <li>○ Maharashtra</li> <li>○ Rajsthan</li> <li>○ Punjab</li> <li>○ Odisha</li> </ul>     | Maharashtra |
| 9.  | <p>Land holding of small scale farmers?</p> <ul style="list-style-type: none"> <li>○ &lt;1 hac.</li> <li>○ 1-2 hac</li> <li>○ 2-4 hac.</li> <li>○ 4-10 hac.</li> <li>○ &gt;10 hac.</li> </ul>             | 1-2 hac     |
| 10. | <p>Bt cotton protect of the cotton crop from which insect?</p> <ul style="list-style-type: none"> <li>○ Aphid</li> <li>○ Jassid</li> <li>○ Whitefly</li> <li>○ Thrips</li> <li>○ Bollworm</li> </ul>      | Bollworm    |
| 11  | <p>illuviation process is related to which horizon?</p> <ul style="list-style-type: none"> <li>○ A Horizon</li> <li>○ B Horizon</li> <li>○ C Horizon</li> <li>● O Horizon</li> <li>○ E Horizon</li> </ul> | B Horizon   |

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| 12. | <p>Choose macro nutrient among in these options?</p> <ul style="list-style-type: none"> <li>○ Cu</li> <li>○ Mo</li> <li>○ K</li> <li>○ Mn</li> <li>○ Fe</li> </ul>  | K              |
| 13  | <p>New leaf of plant show yellow symptoms and veins remain green is caused by the deficiency of which nutrient?</p> <ul style="list-style-type: none"> <li>○ Fe</li> <li>○ Mn</li> <li>○ NS</li> <li>○ Ca</li> </ul>    | Mn             |
| 14  | <p>Golden revolution is related to?</p> <ul style="list-style-type: none"> <li>○ Cereals</li> <li>○ Fruits</li> <li>○ Onion</li> <li>○ Fertilizer</li> <li>○ Pulses</li> </ul>  | Fruits         |
| 15  | <p>Blue tag is related to which type seed?</p> <ul style="list-style-type: none"> <li>○ Nucleus Seed</li> <li>○ Breeder seed</li> <li>○ Foundation seed</li> <li>○ Registered seed</li> <li>○ Certified seed</li> </ul> | Certified seed |
| 16  | <p>Symbiosis nitrogen fixation is related to which organism?</p> <ul style="list-style-type: none"> <li>○ Rhizobium</li> <li>○ Azatobacter</li> <li>○ Azospirillum</li> <li>○ Acetobacter</li> <li>○ Azolla</li> </ul>  | Rhizobium      |
| 17  | <p>Germination percentage of wheat?</p> <ul style="list-style-type: none"> <li>○ 85%</li> <li>○ 70%</li> <li>○ 75%</li> <li>○ 90%</li> <li>○ 95%</li> </ul>   | 85%            |
| 18  | <p>Study of gardening Tree to make shade and shape is called?</p> <ul style="list-style-type: none"> <li>○ Landscape horticulture</li> <li>○ Viticulture</li> </ul>   |                |

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|    | <ul style="list-style-type: none"> <li>○ Lawn making</li> <li>○ Arboriculture</li> <li>○ None of these</li> </ul>   | Arboriculture |
| 19 | <p>What is the Feed Conversion Ratio (FCR) of standard broiler chicken reared in an enclosed house?</p> <ul style="list-style-type: none"> <li>○ 1-1.4</li> <li>○ 1.5-1.9</li> <li>○ 2-2.5</li> <li>○ 2.4-2.83</li> <li>○ 3</li> </ul>  | 1.5-1.9       |
| 20 | <p>Soil strength is measured by which instrument?</p> <ul style="list-style-type: none"> <li>○ Penetrometer</li> <li>○ Dynamometer</li> <li>○ Hydrometer</li> <li>○ Thermometer</li> <li>○ All of these</li> </ul>  | Penetrometer  |
| 21 | <p>Hormone is responsible for the milk let down ?</p> <ul style="list-style-type: none"> <li>○ Oxytocin</li> <li>○ Estrogen</li> <li>○ Progesterone</li> <li>○ Endostrogen</li> <li>○ None of these</li> </ul>  | Oxytocin      |
| 22 | <p>The technique which reduce soil erosion, evaporation, kinetic energy impact of rain drops is known as?</p> <ul style="list-style-type: none"> <li>○ Mulching</li> <li>○ Multiple cropping</li> <li>○ Strip cropping</li> <li>○ Crop rotation</li> <li>○ Parallal cropping</li> </ul> | Mulching      |
| 23 | <p>Ley farming is refers?</p> <ul style="list-style-type: none"> <li>○ Grow of grass</li> <li>○ Grow of Cereals</li> <li>○ Grow of Fruits</li> <li>○ Grow of Vegetables</li> <li>○ Grow of Flowers</li> </ul>   | Grow of grass |
| 24 | <p>Vaccine for Ranikhet disease in poultry?</p> <ul style="list-style-type: none"> <li>○ RDV vaccine</li> <li>○ Pigeon vaccine</li> <li>○ ADL vaccine</li> <li>○ Lasota</li> <li>○ None of these</li> </ul>   | Lasota        |
| 25 | <p>Which is not bacterial disease in?</p> <ul style="list-style-type: none"> <li>○ Coccidiosis</li> </ul>   |               |

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|    | <ul style="list-style-type: none"> <li>○ Aacillus</li> <li>○ Anthrex</li> <li>○ Septicemia</li> </ul>  | Coccidiosis           |
| 26 | <p>Online Electronic trading of agricultural commodities through which</p> <ul style="list-style-type: none"> <li>○ platform?</li> <li>○ E-NAM</li> <li>○ PKVY</li> <li>○ PMFBY</li> <li>○ ISS</li> <li>○ RWBCIS</li> </ul>                | E-NAM                 |
| 27 | <p>Which oil cake is used in fish pond to kill predatory insects?</p> <ul style="list-style-type: none"> <li>○ Mahua</li> <li>○ Cotton</li> <li>○ Castor</li> <li>○ Groundnut</li> <li>○ Mustard</li> </ul>                                | Mahua                 |
| 28 | <p>Vaccination for Foot &amp; mouth disease in sheep is given How many months</p> <p>Once ?</p> <ul style="list-style-type: none"> <li>○ 6 month</li> <li>○ 12 month</li> <li>○ 10 month</li> <li>○ 4 months</li> <li>○ 1 month</li> </ul> | 6 month               |
| 29 | <p>Aphid is vector for which disease of tobacco ?</p> <ul style="list-style-type: none"> <li>○ Leaf curl</li> <li>○ Rosette</li> <li>○ Root burn</li> <li>○ Brown spot</li> <li>○ Cucumber Mosaic Virus</li> </ul>                         | Cucumber Mosaic Virus |
| 30 | <p>Removal of male flowers in banana after completion of the female phase?</p> <ul style="list-style-type: none"> <li>○ Denavelling</li> <li>○ DeSuckering</li> <li>○ Detopping</li> <li>○ Detrashing</li> <li>○ Spadix</li> </ul>         | Denavelling           |
| 31 | <p>Which are the diagnostic symptoms of sorghum shoot fly?</p> <ul style="list-style-type: none"> <li>○ Adult feed on nymphs,</li> <li>○ shooty appearance</li> </ul>  |                       |

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|    | <ul style="list-style-type: none"> <li>○ grain yield reduction</li> <li>○ Larvae cut growing point and cause dead heart</li> <li>○ none of these</li> </ul>  | Larvae cut growing point and cause dead heart |
| 32 | <p>Crown cleaning is retained to?</p> <ul style="list-style-type: none"> <li>○ Mango</li> <li>○ Coconut</li> <li>○ Papaya</li> <li>○ Ber</li> <li>○ Tea</li> </ul>   | Coconut                                       |
| 33 | <p>What is pulsing?</p> <ul style="list-style-type: none"> <li>○ pulse storage</li> <li>○ apple storage relate</li> <li>○ post harvesting</li> <li>○ fruit production</li> <li>○ onion storage</li> </ul>            | post harvesting                               |
| 34 | <p>Grape training system where they are connected with each other?</p> <ul style="list-style-type: none"> <li>○ Skipping</li> <li>○ Bower</li> <li>○ Telephon</li> <li>○ Kniffin</li> <li>○ none of these</li> </ul> | telephone                                     |
| 35 | <p>Highest lactation period of which breed of goat?</p> <ul style="list-style-type: none"> <li>○ jamunapari</li> <li>○ beetle</li> <li>○ sirohi</li> <li>○ barbari</li> <li>○ malabari</li> </ul>                    | jamunapari                                    |
| 36 | <p>Regrowth of crop from stubble is known as?</p> <ul style="list-style-type: none"> <li>○ Ratooning</li> <li>○ Cutting</li> <li>○ Mutation</li> <li>○ Cloning</li> <li>○ stuning</li> </ul>                         | Ratooning                                     |
| 37 | <p>White Muscardine Disease related to?</p> <ul style="list-style-type: none"> <li>○ Cattle</li> <li>○ Sheep &amp; Goat</li> <li>○ poultry</li> <li>○ Silkworm</li> <li>○ Pig</li> </ul>                             | SilkWorm                                      |
| 38 | <p>Finger like Structure are formed in which erosion?</p> <ul style="list-style-type: none"> <li>○ Sheet Erosion</li> <li>○ Rill Erosion</li> <li>○ Gully Erosion</li> </ul>   | Apis mellifera                                |



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|    | <ul style="list-style-type: none"> <li>○ Splash Erosion</li> </ul>  |   |
| 39 | <p>Which of the following sentence is wrong about honeybees?</p> <ul style="list-style-type: none"> <li>○ Swarming is their natural method of propagation</li> <li>○ Unfertilized eggs develops into worker bees</li> <li>○ Caterpillar of wax moth feed only on honey comb does not feed on bees</li> <li>○ Superseder queen bee can be developed from worker bees during</li> <li>○ unfavorable conditions</li> </ul> | Swarming is their natural method of propagation |
| 40 | <p>Which sex trap is used to trap male insect?</p> <ul style="list-style-type: none"> <li>○ Water pan <i>traps</i></li> <li>○ Pheromone Trap</li> <li>○ Water trap</li> <li>○ Electric grid <i>traps</i></li> <li>○ Minnow trap</li> </ul>  | Pheromone Trap                                  |
| 41 | <p>which sheep breed of north west India known for best quality white wool?</p> <ul style="list-style-type: none"> <li>○ Gaddi</li> <li>○ Magra</li> <li>○ Gurej</li> <li>○ chanthangi</li> </ul>   | Magra   |
| 42 | <p>Soil moisture decreased to wilting point water held tightly by soil particles condition is called?</p> <ul style="list-style-type: none"> <li>○ Hygroscopic coefficient</li> <li>○ Wilting point</li> <li>○ Permanent wilting point</li> <li>○ Saturation point</li> <li>○ None of these</li> </ul>  | Hygroscopic coefficient                         |
| 43 | <p>Guava pest which deposit eggs on soft skin of ripening fruit, on hatching maggot bore into fruit and feed on the soft pulp , the infested show depressions with dark green punchure and when cut opens the maggots are visible and finally fruit rot and fall?</p> <ul style="list-style-type: none"> <li>○ Fruit fly</li> </ul>   | Fruit fly                                       |

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|    | <ul style="list-style-type: none"> <li>○ Mealy bug</li> <li>○ White aphid</li> <li>○ White flies</li> <li>○ Thrips</li> </ul>  |                    |
| 44 | <p>Q.44 Which medicinal plant is known as laxative medicinal plant?</p> <ul style="list-style-type: none"> <li>○ isabgol</li> <li>○ ashwagandha</li> <li>○ hanbane</li> <li>○ guggal</li> </ul>  | Isabgol            |
| 45 | <p>In which planting system 4 plants are planted in a square in which plant to plant and row to row distance is same and plants are planted to right angle to each other?</p> <ul style="list-style-type: none"> <li>○ square</li> <li>○ rectangle</li> <li>○ hexagonal</li> <li>○ diagonal</li> <li>○ Triangular</li> </ul>   | square             |
| 46 | <p>which of the following disease of rose grayish white powdery patches are seen on the tender leaves and flower buds , mature leaves get malformed and flower bud fail to open and plant present wilted appearance?</p> <ul style="list-style-type: none"> <li>○ powdery mildew</li> <li>○ down mildew</li> <li>○ Black spot</li> <li>○ Rust</li> <li>○ Crown gall</li> </ul> | Powdery mildew     |
| 47 | <p>A zone within the earth that restricts the flow of ground water from one aquifer to another?</p> <ul style="list-style-type: none"> <li>○ perch aquifer</li> <li>○ aquifled</li> <li>○ aquifuse</li> <li>○ aquifer</li> <li>○ aquislesh</li> </ul>  | aquifuse           |
| 48 | <p>Which fungus role in biological control agent in cotton boll-worm?</p> <ul style="list-style-type: none"> <li>○ Vertilium</li> <li>○ Helicoverma armigera</li> <li>○ Sodoptera lutens</li> <li>○ Beauveria bassiana</li> </ul>  | Beauveria bassiana |
| 49 | <p>Lay farming is related to?</p> <ul style="list-style-type: none"> <li>○ layring in horticulture</li> </ul>  |                    |



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|    | <ul style="list-style-type: none"> <li>○ more layer birds in limited space</li> <li>○ rearing of poultry animals</li> <li>○ leguminous pasture with grain crops</li> </ul>   | Leguminous pasture with grain crops |
| 50 | <p>Vaccine is given to sheep at an interval of?</p> <ul style="list-style-type: none"> <li>○ 3 month</li> <li>○ 6 month</li> <li>○ 9 month</li> <li>○ 10 month</li> <li>○ 12 month</li> </ul>  | 6 month                             |
| 51 | <p>Sodium deficiency in animal/cow symptoms and causes what?</p> <ul style="list-style-type: none"> <li>○ Appetite losses</li> <li>○ Milk reduction</li> <li>○ Dehydration and fluid reduction</li> <li>○ patient paresis</li> <li>○ suddenly milk stop</li> </ul>                                 | Dehydration and fluid reduction     |
| 52 | <p>In which grafting rootstock debarred 45 cm from ground level two slopes cut given and wedge is made tongue shape scion inserted?</p> <ul style="list-style-type: none"> <li>○ Veneer grafting</li> <li>○ Wedge grafting</li> <li>○ Inside</li> <li>○ Budding</li> <li>○ Air layering</li> </ul> | Wedge grafting                      |
| 53 | <p>Mating of Wider degree range of relationship not close to one another and result in uniformity is?</p> <ul style="list-style-type: none"> <li>○ Out breeding</li> <li>○ Back crossing</li> <li>○ Test crossing</li> <li>○ In breeding</li> <li>○ line breeding</li> </ul>                       | Out breeding                        |
| 54 | <p>Which institution is established to provide vocational training to farmers and field level extension workers?</p> <ul style="list-style-type: none"> <li>○ KVK</li> <li>○ NABARD</li> <li>○ ATMA</li> <li>○ IFFCO</li> <li>○ NAARM</li> </ul>   | KVK                                 |
| 55 | Milk is which type of emulsion?  |                                     |

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|     | <ul style="list-style-type: none"> <li>o oil in water</li> <li>o water in oil</li> <li>o oil in oil</li> <li>o water in water</li> <li>o Fog in Water</li> </ul>   | Oil in water      |
| 56  | <p>Which is irregular variety of mango?</p> <ul style="list-style-type: none"> <li>o Amrapali</li> <li>o Kesar</li> <li>o Neelam</li> <li>o Totapari</li> <li>o Himsagar</li> </ul>  | Kesar             |
| 57  | <p>NRLM scheme Now Known as?</p> <ul style="list-style-type: none"> <li>o DAY-NRLM</li> <li>o SGSY</li> <li>o PM-KISAN</li> <li>o KISAN-NRLM</li> </ul>  | DAY-NRLM          |
| 58  | <p>Type of silkworm that breed only one time in a year?</p> <ul style="list-style-type: none"> <li>o Univoltine strain</li> <li>o Voltine strain</li> <li>o Mono strain</li> <li>o Mono volaticulture</li> </ul>   | Univoltine strain |
| 59. | <p>Which is Tropical fruit?</p> <ul style="list-style-type: none"> <li>o Papaya</li> <li>o Apple</li> <li>o Pineapple</li> <li>o Allobukhara</li> <li>o pear</li> </ul>  | Papaya            |
| 60. | <p>What is that place which is used for feeding of lamb, calves and piglet but not used for adults is known as?</p> <ul style="list-style-type: none"> <li>o cattle shed</li> <li>o Conventional dairy bam</li> <li>o cow shed</li> <li>o loosing house system</li> <li>o Creep</li> </ul> | Creep             |