

# 080/2018

Question Booklet  
Alpha Code

A

Question Booklet  
Serial Number

Total No. of Questions: 100

Maximum : 100 Marks

Time : 75 Minutes

## INSTRUCTIONS TO CANDIDATES

1. The question paper will be given in the form of a Question Booklet. There will be four versions of question booklets with question booklet alpha code viz. A, B, C & D.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the question booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a question booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your question booklet is un-numbered, please get it replaced by new question booklet with same alpha code.
6. The question booklet will be sealed at the middle of the right margin. Candidate should not open the question booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him contains all the 100 questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. A blank sheet of paper is attached to the question booklet. This may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball-Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

080/2018-A





**080/2018**

Maximum : 100 Marks

Time : 1 hour and 15 minutes

1. The day for Pulse Polio in India is \_\_\_\_\_.  
(A) December 10 (B) October 24  
(C) June 26 (D) July 10
2. When did Kerala Legislature pass the Official Language Act ?  
(A) 1989 (B) 1969  
(C) 2016 (D) 1999
3. G-77 was established in the year \_\_\_\_\_.  
(A) 1964 (B) 1984  
(C) 2013 (D) 2014
4. Which is the only Asian country that got independence from America ?  
(A) Myanmar (B) Taiwan  
(C) Thailand (D) Philippines
5. The number of UNO's Official Language is \_\_\_\_\_.  
(A) 8 (B) 4  
(C) 6 (D) 5
6. What is the colour of UNO Flag ?  
(A) Light Green (B) Light Blue  
(C) White (D) Light Orange
7. Which is the First Indian Airport constructed with the help of private participation ?  
(A) Delhi (B) Mumbai  
(C) Thane (D) Nedumbassery
8. What is the code name given to India's 2<sup>nd</sup> Nuclear Test ?  
(A) Operation Sakti (B) Smiling Buddha  
(C) Operation Vijay (D) None of the above
9. The President of India gives resignation to \_\_\_\_\_.  
(A) Prime Minister (B) Chief Justice of India  
(C) Indian Parliament (D) Vice President
10. Ayurvedic Medicinal book "Hortus Malabaricus" was written under the patronage of which country ?  
(A) Dutch (B) Spain  
(C) Portugal (D) France

A

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[P.T.O.]

11. Who did the act of “Thrippadidanam” in Kerala ?  
(A) Swathi Thirunal (B) Rani Gouri Lakshmi Bai  
(C) Kozhikode Samuthiri (D) Mathanda Varma
12. Who got the Prize ‘Jnanapit’ in Malayalam in 1980 ?  
(A) M.T. Vasudevan Nair (B) O.N.V. Kurup  
(C) S.K. Pottakkadu (D) G. Sankarakurup
13. Saint Chavara Kuriakose Elias comes under which Christian denomination ?  
(A) Jacobite (B) Catholic  
(C) Latin (D) Malankara
14. Which is the nick name of Poikayil Yohanan ?  
(A) Kumara Guru (B) Sree Narayana Guru  
(C) Ayyankali (D) Dr. Palpu
15. The number of rivers in Kerala that flows eastwards  
(A) 4 (B) 3  
(C) 1 (D) 41
16. Edakkal cave is situated in the district of \_\_\_\_\_.  
(A) Idukki (B) Kasargod  
(C) Wayanadu (D) Kozhikode
17. Which state of India introduce mid-day meal 1<sup>st</sup> time in school ?  
(A) Andhra Pradesh (B) Tamil Nadu  
(C) Kerala (D) Gujarat
18. What is known as the Magna Carta of Kerala ?  
(A) Temple Entry Movement (B) Channar Revolt  
(C) Kurichya Revolt (D) Thrippadidanam
19. Sakshi Malik competed under which category in Wrestling to get medal in Olympics ?  
(A) 55 kg (B) 65 kg  
(C) 58 kg (D) 56 kg
20. Who won the 2017 Women’s US Open Singles ?  
(A) Mo Fare (B) Slovan Stephens  
(C) Madison (D) Venus Williams

21. An Antifungal solution used for Washing Banana in large scale Cultivators, Traders and Transporters.
- (A) Thiophanate (B) Propiconazole  
(C) Hexaconazole (D) Thiabendazole
22. Stage of harvest of pepper usually for the preparation of white pepper
- (A) Under mature (B) Fully ripe  
(C) Unripe (D) Unripe but fully mature
23. A value added product from coconut which is popularly used as a dessert
- (A) Coconut milk powder (B) Coconut Cream  
(C) Nata-de-Coco (D) Desiccated Coconut
24. A Cowpea variety suitable for Polyhouse cultivation
- (A) Reenu (B) Renu  
(C) Malika (D) Sarika
25. Name the fruit type of Cucumber.
- (A) Pome (B) Drupe  
(C) Pepo (D) Hesperidium
26. The transparent wall of green house is \_\_\_\_\_.
- (A) Gable (B) Column  
(C) Gutter (D) Bracings
27. A variety of Bhindi which is resistant to fruit borer attack
- (A) Kiran (B) Pusa Savani  
(C) Susthira (D) Anjitha
28. Select one term which do not ensure Safe Food Production.
- (A) HACCP (B) CAS  
(C) GAP (D) GHP

29. "Golden Rice" is rich in  
 (A) Vitamin B (B) Vitamin A  
 (C) Vitamin E (D) Vitamin C
30. Aonla is commercially propagated by  
 (A) Seed (B) T budding  
 (C) Epicotyl grafting (D) Inarching
31. Which is the Paddy Straw Mushroom ?  
 (A) Pleurotus sp. (B) Morchella sp.  
 (C) Volvariella sp. (D) Calocyba sp.
32. Faster extraction of seeds from a fruit is by acid treatment.  
 (A) Tomato (B) Amaranthus  
 (C) Chilly (D) Bhindi
33. Which of the following pest is effectively controlled by Tricho Cards ?  
 (A) Rice leaf roller (B) Rice stem borer  
 (C) Both (A) and (B) (D) None of these
34. Dry flower arrangement is known as \_\_\_\_\_.  
 (A) Ikebana (B) Nageive  
 (C) Potpourri (D) Moribana
35. A viral disease of silk worm  
 (A) Grasserie (B) Flacherie  
 (C) Muscardine (D) Pebrine
36. The honey produced by which among the following bees fetch high price due to its medicinal properties ?  
 (A) Little bee (B) Stingless bee  
 (C) European bee (D) Indian bee
37. Which is the quickest method of establishment of a Lawn ?  
 (A) Turf Plastering (B) Dibbling Shoots  
 (C) Seeds (D) Turfing

38. For making IL Bordeaux Mixture Preparation, how much each of copper sulphate and lime will you take ?
- (A) 1000 g (B) 100 g  
(C) 50 g (D) 10 g
39. Select a product made from Cassava.
- (A) Sago (B) Candy  
(C) Marmalade (D) Nectar
40. Who is known as the Father of Preservation ?
- (A) Louis Pasteur (B) M. Nicolas Apart  
(C) E.J. Butler (D) Hugo de Vries
41. Which preservative is used to extend the storage life of Papain ?
- (A) Benzoic acid (B) Potassium meta bisulphite  
(C) Malic hydroxide (D) Sodium hypochlorite
42. The growth regulator used for induction of uniform flowering in Pineapple is
- (A) 25 ppm ethophon (B) 250 ppm ethophon  
(C) 1000 ppm ethophon (D) 500 ppm ethophon
43. Ratoon cropping is associated with
- (A) Mango (B) Banana  
(C) Pineapple (D) Both (B) & (C)
44. One of the component of Cheshunt compound is
- (A) Calcium Carbonate (B) Quick Lime  
(C) Ammonium Carbonate (D) Ammonium Sulphate
45. \_\_\_\_\_ is the total desertion of a honeybee colony from its nests due to incidence of disease or pest attack, too much interference by human beings.
- (A) Absconding (B) Swarming  
(C) Reeling (D) Pollarding

46. Which of the following is the King of Vegetables ?  
(A) Beetroot (B) Amorphophallus  
(C) Raddish (D) Potato
47. The scientific name of West Indian Cherry.  
(A) *Malva sylvestris* (B) *Zyzygium cumini*  
(C) *Malpighia puniceifolia* (D) *Carissa carandus*
48. The 'Khus khus oil' is extracted from  
(A) Lemon grass (B) Kacholam  
(C) Eucalyptus (D) Vetiver
49. India ranks \_\_\_\_\_ in the world production of fruits and vegetables.  
(A) first (B) second  
(C) third (D) fourth
50. The yield of ginger oil varies from  
(A) 1.2–2% (B) 1.3–3%  
(C) 1.0–1.5% (D) 1.4–4%
51. The cause of Astringent taste of Cashew apple is due to the presence of \_\_\_\_\_.  
(A) Lignin (B) Pectin  
(C) Tannin (D) Curcumin
52. Usually Juices, RTS and Nectar are pasteurized at about \_\_\_\_\_.  
(A) 85 °C (B) 75 °C  
(C) 72 °C (D) 80 °C
53. A common diseases of Mango can be successfully controlled by Hot Water Washing.  
(A) Powdery mildew (B) Black tip  
(C) Anthracnose (D) Dieback



54. The Ripening level of fruit can be tested by using  
(A) Jelmeter (B) Lactometer  
(C) Magness Tylor Pressure Tester (D) Refractometer
55. Maturity of which fruit is judged by Tapping the fruit by fingers which give a metallic sound on mature fruits ?  
(A) Water melon (B) Papaya  
(C) Mango (D) Banana
56. The country which convert most of their agricultural produce to processed product.  
(A) Malaysia (B) Brazil  
(C) India (D) China
57. Optimum storage temperature of Banana for optimum storage life of 3-4 weeks  
(A) 8 – 10 °C (B) 12 – 13 °C  
(C) 15 – 16 °C (D) 16 – 20 °C
58. The loss that is due to increased respiration and transpiration rate  
(A) Physical loss (B) Chemical loss  
(C) Biological loss (D) Physiological loss
59. Oxygen scavengers, CO<sub>2</sub> absorbers, Ethylene absorbents are used to control the gases in this packaging  
(A) Edible Packaging (B) Nano Packaging  
(C) Smart Packaging (D) Active Packaging
60. Which is the Physiological disorder when tropical and subtropical fruits and vegetables to be stored at temperature below 10 °C ?  
(A) Cooling injury (B) Chilling injury  
(C) Freezing injury (D) Physiological injury

61. Select the crop which is related to the term parboiling :
- (A) Maize (B) Wheat  
(C) Rice (D) Potato
62. Temperature test is used for Judging the end point of which of the following processed product ?
- (A) RTS (B) Squash  
(C) Sauce (D) Jelly
63. The quantity of CO<sub>2</sub> required for Carbonation is
- (A) 1 – 8 g/l (B) 8 – 15 g/l  
(C) 8 – 10 g/l (D) 10 – 15 g/l
64. The decomposition of Carbohydrate by micro-organism or enzyme is called
- (A) Carbonation (B) Sterilization  
(C) Pasteurization (D) Fermentation
65. According to FSSAI, the maximum amount of Sulphur dioxide allowed in crush and cordial is
- (A) 700 ppm (B) 350 ppm  
(C) 500 ppm (D) 650 ppm
66. An antifungal antibiotic used for treating fruit and fruit juices
- (A) Nisin (B) Kinetin  
(C) Pimaricin (D) Gibberelin
67. Squash is a type of fruit beverage containing \_\_\_\_\_ % total soluble solids.
- (A) 40 – 50 (B) 30 – 40  
(C) 50 – 60 (D) 20 – 30
68. The equipment used for sterilizing the food
- (A) Eurobers (B) Autoclave  
(C) Kneader (D) Expeller

69. Units with an annual turn over not less than or equal to \_\_\_\_\_ lakhs need to do FSSAI Registration.
- (A) 11 (B) 13  
(C) 12 (D) 15
70. SAMETI is located at
- (A) Thiruvananthapuram (B) Palakkad  
(C) Alappuzha (D) Kozhikode
71. Govt. of India launched Kissan Call Centers on
- (A) 21 December, 2005 (B) 21 January, 2004  
(C) 12 January, 2004 (D) 12 December, 2005
72. Neem oil garlic emulsion is effectively used against a pest of coconut
- (A) Rhinoceros beetle (B) Red Palm Weevil  
(C) Leaf eating caterpillar (D) Eriophyid mite
73. Select a capital input.
- (A) Fertilizers (B) Seeds  
(C) Dusters (D) Insecticides
74. 'White ear head' is a particular symptom caused by a pest of Rice
- (A) Stem borer (B) Brown Plant Hopper  
(C) Gall midge (D) Rice bug
75. The tool help you to have a realistic estimation of quantity of pesticides recommended for the crop plants of Kerala.
- (A) KAU Fertulator (B) Pest Doctor  
(C) Credit Calculator (D) KAU-E-Crop Doctor

76. The sexlure trap used against Mango fruit fly contains
- (A) Dimethyl enginol (B) Methyl enginol  
(C) Diethyl enginol (D) Ethyl enginol
77. Beauveria bassiana is sprayed against which of the following pest of cowpea ?
- (A) Pea aphid (B) Pod bug  
(C) Pod borer (D) American serpentine leaf minor
78. Integrated farming of fish and farm crops mainly rice, vegetables and flowers are termed as
- (A) Hydroponics (B) Aeroponics  
(C) Aquaponics (D) Glass house
79. Central Food Technological Research Institute is located at
- (A) Mysore (B) Bangalore  
(C) Hyderabad (D) Cuttack
80. A leafy vegetable which is known as “Indian Spinach”.
- (A) Basella sp. (B) Drum stick  
(C) Water leaf (D) Chikkurmanis
81. The vector of Yellow Vein Mosaic disease in Okra.
- (A) Aphid (B) Mite  
(C) White fly (D) Mealy bug
82. A technique evolved to rejuvenate unproductive and senile fruit trees
- (A) Blanching (B) Pruning  
(C) Training (D) Topworking
83. From the following select a fungicide :
- (A) Dimethoate (B) Quinalphos  
(C) Chlorpyriphos (D) Carbendazim

84. Pineapple Research Station is located at  
(A) Vazhakkulam (B) Kannara  
(C) Pampadumpara (D) Anakkayam
85. C : N ratio of Coir pith compost  
(A) 112 : 1 (B) 1 : 112  
(C) 24 : 1 (D) 1 : 24
86. Which of the following is not a Biofertilizer ?  
(A) Azolla (B) Neem Cake  
(C) Blue Green Algae (D) Azospirillum
87. The irrigation method extensively practiced in the case of Orchard Crops  
(A) Sprinkler (B) Bubbler  
(C) Basin (D) Furrow
88. "Mile a minute" weed is \_\_\_\_\_.  
(A) Communist Pacha (B) Muthanga  
(C) Kulavazha (D) Dhrtharashtra Pacha
89. A vegetative propagation method used in Passion Fruit  
(A) Hard Wood Cutting (B) Soft Wood Cutting  
(C) Herbaceous Cutting (D) Root Cutting
90. The insect is having sponging type of Mouth parts  
(A) Flies (B) Bugs  
(C) Thrips (D) Weevils
91. The first Geographic Indexing (GI) tagged product in India 2004–05.  
(A) Darjeeling tea (B) Malabar Pepper  
(C) Chengalikkodan nendran (D) Njavara rice
92. From which country, raising of Dapog Nursery Technique introduced to India ?  
(A) Philippines (B) Indonesia  
(C) Thailand (D) USA

93. A type of vegetative propagation method employed in Solanaceous vegetables to overcome the problem caused by Bacterial wilt.
- (A) Budding (B) Layering  
(C) Cutting (D) Grafting
94. Damping off of Brinjal is due to
- (A) Fusarium (B) Pythium  
(C) Collectotrichum (D) Alternaria
95. When cutting onion the irritation of eye is due to the presence of \_\_\_\_\_.
- (A) Malic acid (B) Calcium oxalate  
(C) Pyruvic acid (D) Acetic acid
96. The salt concentration in Pickle
- (A) 6 – 8% (B) 10 – 12%  
(C) 12 – 14% (D) 8 – 10%
97. The quantity of soil desired for soil testing
- (A) 1 kg (B) ½ kg  
(C) ¼ kg (D) ¾ kg
98. Select an Agronomic measure of soil and water conservation.
- (A) Contour bunding (B) Contour farming  
(C) Bench terracing (D) Trenches
99. The type of soil found mainly in Karunagappally Karthikapally and Mavelikkara taluks.
- (A) Reverine Alluvium (B) Coastal Alluvium  
(C) Kuttanad Alluvium (D) Onattukara Alluvium
100. The fruit which contain least carbohydrates
- (A) Custard apple (B) Lime  
(C) Avocado (D) Lemon

**SPACE FOR ROUGH WORK**

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