

The University of Burdwan
B.Sc. (Honours) Semester-III
Examination (CBCS): 2020
Subject: Nutrition
Course Code: SEC 1
Course Title: Technology of Fruits & Vegetables

The figures in the right hand margin indicate full marks

Candidates are required to give their answers in their own words as far as practicable.

Answer all *questions* as instructed

Examinees are instructed to submit the scanned copies / photographs of their answer scripts within 30 minutes after the completion of examination

F.M.–40

Time: 2hrs

1. Answer any eight questions of the following:

5×8=40

- (a) What are the different methods of preservation of fruit juices?
- (b) Write down the differences between Jam and Jelly.
- (c) What are the different methods of drying?
- (d) Write down the name of different types of beverages and give example of each.
- (e) Write a short note on ‘enzymatic browning’.
- (f) Briefly describe the causes of canned food spoilage?
- (g) Append a short note on ‘tetra- packing’.
- (h) Discuss the role of irradiation in fruit and vegetable preservation.
- (i) Write in short ‘maillard reaction’
- (j) Describe the process of tomato juice preparation with flow chart.

The University of Burdwan
B.Sc. (Honours) Semester-III
Examination (CBCS): 2020
Subject: Nutrition
Course Code: SEC 1 OR
Course Title: Environment Management and Public Health

The figures in the right hand margin indicate full marks

Candidates are required to give their answers in their own words as far as practicable.

Answer all *questions* as instructed

Examinees are instructed to submit the scanned copies / photographs of their answer scripts within 30 minutes after the completion of examination

F.M.–40

Time: 2hrs

1. Answer any eight questions of the following:

5×8=40

- a) Briefly discuss the effect of climate change on public health.
- b) What is silicosis? Write down the causes and symptoms of silicosis.
- c) Write a short note on pathogenicity of dengue.
- d) What is acid rain and briefly describe how acid rain affects public health?
- e) Briefly discuss the mode of action of *Bacillus thuringiensis* as *bio-insecticides*.
- f) Describe the adverse effect of biomedical waste on environment as well as on human health.
- g) Write a short note on any method of 'sewage treatment'.
- h) What is 'byssinosis'? Mention the causes of 'byssinosis'?
- i) What do you mean by environment hazard and list the various sources of the environmental hazard?
- j) How noise pollution affects human health?
