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**BFTM (Part - I) (Semester - I) Examination, November - 2017**  
**COMMUNICATION AND SOFT SKILLS - I**  
**(Paper - I) (New)**  
**Sub. Code : 57278**

Day and Date : Wednesday, 15 - 11 - 2017

Total Marks : 50

Time : 10.30 a.m. to 12.30 p.m.

- Instructions :
- 1) All questions are compulsory.
  - 2) Figures to the right indicate full marks.
  - 3) Draw neat diagram wherever needed.

**Q1) Multiple Choice Questions**

**[10]**

- i) An \_\_\_\_\_ is a formal assignment of task.
  - a) Norms
  - b) Instruction
  - c) Order
  - d) Rules
- ii) \_\_\_\_\_ is the one who initiates the action of communicating.
  - a) Sender
  - b) Receiver
  - c) Source
  - d) Both (a) & (b)
- iii) Ref. no. always appears on the \_\_\_\_\_.
  - a) Right
  - b) Left
  - c) Upward
  - d) Downward
- iv) \_\_\_\_\_ is the method of exchanging digital/ virtual messages to one or more recipients.
  - a) E - mail
  - b) Instant message
  - c) SMS
  - d) Request
- v) \_\_\_\_\_ is a physical barrier in communication
  - a) Defects in medium
  - b) Noise in the envt
  - c) Semantic
  - d) Both (a) & (b)

**P.T.O.**

- vi) \_\_\_\_\_ is required when there is a disaster or an accident.
- a) Case    b) Investigation
- c) FIR    d) Report
- vii) The launch of \_\_\_\_\_ has turned your \_\_\_\_\_ into computers.
- a) Smart phone    b) Mobile
- c) Tabs    d) Both (a) & (b)
- viii) A \_\_\_\_\_ is a word used to join words or sentences
- a) Interjection    b) Both (a) & (c)
- c) Conjunction    d) None of above
- ix) The girl \_\_\_\_\_ a letter to her cousin
- a) Write    b) Wrote
- c) Written    d) Has written
- x) I have been awake \_\_\_\_\_ five hours.
- a) From    b) for
- c) in    d) Since

Q2) Answer in Brief (any two)

[20]

- Explain the barriers to communication what are the different types of barriers to communication?
- Explain the process of communication with the help of diagram.
- Draft a letter to ASIAN PAINTS COMPANY, PVT LTD, MUMBAI asking for information about their new range of products. Give detailed specification of your requirements.

**Q3)** Answer the following (any four)

- a) Write a note on social networking
- b) Explain different parts of letters.
- c) What is report? What are types of reports.
- d) Explain different C's of letter writing.
- e) What is the importance of technological based communication in today's era.
- f) Note on Internet with pros and cons.





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**B.F.T.M. (Part - I) (Semester - I) Examination, November - 2017**  
**INTRODUCTION TO FOOD SCIENCE - I (Paper - I) (New)**

**Sub. Code : 57279**

**Day and Date : Thursday, 16 - 11 - 2017**

**Total Marks : 50**

**Time : 10.30 a.m. to 12.30 p.m.**

- Instructions:**
- 1) All questions are compulsory.
  - 2) Figures to the right indicate full marks.
  - 3) Draw neat labelled diagram wherever necessary.

**Q1) Choose correct alternative from given choices.**

**[10]**

- i) Fermented liqueur from cashewapple is \_\_\_\_\_
  - a) Joddy
  - b) Neera
  - c) Feni
  - d) All of the above
- ii) \_\_\_\_\_ is animal fat from hogs
  - a) Oil
  - b) Margarine
  - c) Butter
  - d) Lard
- iii) 1 gram of Fat gives \_\_\_\_\_ kcal.
  - a) 4 kcal
  - b) 9 kcal
  - c) 45 kcal
  - d) none of above
- iv) \_\_\_\_\_ is also known as pearl millet.
  - a) Ragi
  - b) Rice
  - c) Bajra
  - d) Wheat
- v) \_\_\_\_\_ has a hypoglycemic effect
  - a) soyabean
  - b) rice
  - c) ragi
  - d) Bajra
- vi) \_\_\_\_\_ nut contains high amount of carbohydrate
  - a) Almond
  - b) Guoundnut
  - c) Walnut
  - d) chestnut

**P.T.O.**

- vii) \_\_\_\_ oil is used for water proofing & preservation purpose of paints.
- a) Groundnut oil
  - b) Cashew shell oil
  - c) Pistachio oil
  - d) almond oil
- viii) \_\_\_\_ is excellent source of vitamin A, D, E, K.
- a) Fats
  - b) Sugars
  - c) Proteins
  - d) All of above
- ix) \_\_\_\_ acid is responsible for rancid odour in butter.
- a) butyric acid
  - b) palmitic acid
  - c) oleic acid
  - d) linoleic acid
- x) Neera contains \_\_\_\_% alcohol.
- a) 4%
  - b) 14%
  - c) 40%
  - d) 8%

**Q2)** Answer the following (any two)

[20]

- a) Describe functions of fats & oils?
- b) Explain in detail coconut?
- c) Explain in detail toxic constituents in pulses?

**Q3)** Solve the following (any four)

[20]

- a) Comment on wheat?
- b) Write a note on Milling of pulses?
- c) Elaborate cashewnut?
- d) Explain role of cereals in cookery?
- e) Comment of classification & composition of Nuts?
- f) Write a note on soaking of pulses?



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**BFTM (Part -I) (Semester - I) Examination, November - 2017**

**PRINCIPLES OF FOOD PREPARATION &  
PRESERVATION -I (Paper - I) (New)**

**Sub. Code : 57280**

**Day and Date : Sunday, 26 - 11 - 2017**

**Total Marks : 50**

**Time : 10.30 a.m. to 12.30 p.m.**

- Instructions :**
- 1) All questions are compulsory.
  - 2) Figures to the right indicate full marks.
  - 3) Draw a neat labelled diagram wherever necessary.

**Q1) Choose correct alternative from given choices.**

**[10]**

- i) \_\_\_\_\_ method is employed to prevent browning.
  - a) Stewing
  - b) Braising
  - c) Grilling
  - d) Blanching
- ii) The index micro-organism in milk pasteurization is \_\_\_\_\_.
  - a) MTB
  - b) Coxiella Burnetti
  - c) Both (i) & (ii)
  - d) None of these
- iii) In \_\_\_\_\_ organisms are present only in the food at the time of consumption.
  - a) Food infection
  - b) Food intoxication
  - c) Both (i) & (ii)
  - d) None of these
- iv) \_\_\_\_\_ method is used to freeze flat packates of food.
  - a) Air blast freezing
  - b) Plate freezing
  - c) Immersion freezing
  - d) Cellar storage
- v) Method of transfer of heat by contact is \_\_\_\_\_.
  - a) Radiation
  - b) Convection
  - c) Conduction
  - d) Microwave

**P.T.O.**

- Q2) Answer the following (any 2) [20]

- Q3) Answer the following (any 4) [20]

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**B.F.T.M. (Part - I) (Semester - I) Examination, November - 2017**  
**FOOD CHEMISTRY - I (Paper - I) (New)**

**Sub. Code : 57282**

**Day and Date : Tuesday, 21 - 11 - 2017**

**Total Marks : 50**

**Time : 10.30 a.m. to 12.30 p.m.**

- Instructions :**
- 1) All questions are compulsory.
  - 2) Figures to the right indicate full marks.
  - 3) Draw neat labelled diagrams wherever necessary.

**Q1) Choose correct alternative from given choices.**

**[10]**

- i) \_\_\_\_\_ is also known as pyridoxine.
  - a) Vitamin B<sub>1</sub>
  - b) Vitamin B<sub>6</sub>
  - c) Vitamin B<sub>12</sub>
  - d) Vitamin B<sub>2</sub>
- ii) Homoglycans are \_\_\_\_\_.
  - a) Starch
  - b) Glycogen
  - c) Cellulose
  - d) All of above
- iii) The degree of unsaturation of fat can be measured by \_\_\_\_\_.
  - a) Iodine number
  - b) Acid number
  - c) Peroxide value
  - d) Saponification number
- iv) Basically amino acids are composed of \_\_\_\_\_.
  - a) Nitrogen
  - b) Carbon & oxygen
  - c) Hydrogen
  - d) All of above
- v) Maillard reaction is also known as \_\_\_\_\_.
  - a) Enzymatic Browning
  - b) Non - enzymatic Browning
  - c) Oxidation
  - d) Caramalization

**P.T.O.**

vi) \_\_\_\_\_ amino acids cannot be synthesized by human body.

- a) Essential                                      b) Non-essential
- c) Semi-essential                              d) All of above

vii) Glucose & Galactose are epimers at carbon atom no \_\_\_\_\_.

- a) Two    b) Six
- c) Five    d) Four

viii) Deficiency of \_\_\_\_\_ causes scurvy.

- a) Vitamin C                                      b) Vitamin D
- c) Vitamin A                                      d) Vitamin K

ix) Glucose is \_\_\_\_\_ sugar.

- a) Triose    b) Hexose
- c) Pentose    d) Tetrose

x) Lipids are esters of \_\_\_\_\_

- a) amino acids                                      b) Fatty acids
- c) Carboxylic acids                                      d) Ascorbic acids

**Q2)** Answer the following (Any Two)

**[20]**

- a) Describe the structure of protein in brief.
- b) Discuss vitamin A sources, structure, functions & deficiency in detail.
- c) What is starch. Discuss its structure & any 2 properties.

Q3) Solve the following (any four)

- a) Comment on vitamin C.
- b) State classification of fatty acids.
- c) Give classification of monosaccharides.
- d) Write a note on chemical properties of lipids.
- e) Write a short note on vitamin K.
- f) How protein behave emulsifying & foaming agent.



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**B.F.T.M. (Part - I) (Semester - I) Examination, November - 2017****FUNDAMENTALS OF FOOD MICROBIOLOGY - I (Paper - I)****Sub. Code : 57283****Day and Date : Wednesday, 22 - 11 - 2017****Total Marks : 50****Time : 10.30 a.m. to 12.30 p.m.**

- Instructions :**
- 1) All questions are compulsory.
  - 2) Figures to the right indicate full marks.
  - 3) Draw a neat labelled diagram wherever necessary.

**Q1) Choose correct alternative from given choice :**

**[10]**

- a) Study of fungi is called as \_\_\_\_\_.
  - i) Phycology
  - ii) Mycology
  - iii) Virology
  - iv) Protozoology
- b) Cocci have diameter ranging from \_\_\_\_\_.
  - i) 0.15 - 2.0  $\mu\text{m}$
  - ii) 0.2 - 0.8  $\mu\text{m}$
  - iii) 0.5 - 3.0  $\mu\text{m}$
  - iv) 0.5 - 20  $\mu\text{m}$
- c) In cell wall of gram positive bacteria peptidoglycan is \_\_\_\_\_.
  - i) 40 - 90%
  - ii) 5 - 10%
  - iii) 20 - 60%
  - iv) 10 - 20%

**P.T.O.**

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Total No. of Pages : 3

**B.F.T.M. (Part - I) (Semester - I) Examination, November - 2017****INTRODUCTION TO COMPUTER (Paper - I)****Sub. Code : 57284****Day and Date : Thursday, 23 - 11 - 2017****Total Marks : 50****Time : 10.30 a.m. to 12.30 p.m.**

- Instructions :**
- 1) All questions are compulsory.
  - 2) Figures to right indicate marks.
  - 3) Draw neat diagrams whenever needed.

**Q1) Fill in the blanks with appropriate words :****[10]**

- a) \_\_\_\_\_ is not an output device.
  - i) Printer
  - ii) Monitor
  - iii) Speaker
  - iv) Scanner
- b) The computer of third generation used \_\_\_\_\_.
  - i) Vacuum tube
  - ii) Transistors
  - iii) IC (Integrated Circuits)
  - iv) None-of-these
- c) Magnetic disk is \_\_\_\_\_ storage device of the computer.
  - i) Primary
  - ii) Secondary
  - iii) Non-volatile
  - iv) None-of-these
- d) EPROM stands for \_\_\_\_\_.
  - i) Erasable Programmable Read Only Memory
  - ii) Enlarge programs Readable Memory
  - iii) Encoding programing Read Only Memory
  - iv) None-of-these

**P.T.O.**

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**B.D.F.C. (Part - III) (Semester - V) Examination, November - 2017****WORLD COSTUME - I (Theory)****Sub. Code : 68438****Day and Date : Tuesday, 07 - 11 - 2017****Total Marks : 50****Time : 10.30 a.m. to 12.30 p.m.**

- Instructions :**
- 1) All questions are compulsory.
  - 2) Figures to the right indicate full marks.

**Q1) Fill in the blanks****[5]**

- a) The red or white saree worn by the Maharashtrian widows is called \_\_\_\_\_.
- b) The Shawl used by the men of Karnataka is called \_\_\_\_\_
- c) \_\_\_\_\_ is tight necklace of silver worn by Kashmiri females.
- d) \_\_\_\_\_ is coconut shell bangles of Rajasthan.
- e) \_\_\_\_\_ is manipuri womens double breasted coat.

**Q2) Write short notes (any 3)****[15]**

- a) Female costume & Jewellery of Kerala.
- b) Male costume of Punjab.
- c) Male & Female costume of Manipur.
- d) Rural & Tribal costume of Kashmir.

**Q3) Answer in brief (Any 3)****[30]**

- a) Describe in brief the changes in costumes after Independence.
- b) Describe Male & Female costume of Karnataka.
- c) Describe male & female costume of Madhya Pradesh.
- d) Explain in brief male & female costume of Himachal Pradesh.



**Q2)** Answer the following questions (any 2) :

- a) Explain basic organization of computer system.
- b) Explain computer memory in detail.
- c) Explain concept of Hardware & Software.

**Q3)** Answer the following questions (any 4) :

[20]

- a) Explain Hardware & Software in computer system.
- b) Discuss different output devices.
- c) Explain primary memory of computer.
- d) Write a short note on printer.
- e) Explain generations of computer.
- f) Explain importance of CPU.



- i) Protozoa are \_\_\_\_\_ organism.
- ii) Eukaryotic
- iii) Prokaryotic
- iiii) both i and ii
- iv) none of these
- j) Capsule is made up of water & \_\_\_\_\_
- i) peptidoglycane
- ii) organic compound
- iii) protein
- iv) Inorganic compound

**Q2) Answer the following (any two)** [20]

- a) Explain cell wall of gram positive bacteria with diagram.
- b) Explain history of microbiology & write important contribution of various Scientist in Microbiology.
- c) Explain sterilization by chemical agents.

**Q3) Solve the following (any four)** [20]

- a) Explain applied branches of Microbiology.
- b) Comment on ultra - violet radiation as sterilization.
- c) Classify micro organism on the basis of energy & carbon sources.
- d) Explain nuclear material of bacteria with it's function.
- e) Explain pilli with it's function.
- f) Comment on filtration as sterilization.

