

Model paper for B.Voc Pharmaceutical Chemistry Internal Examination

Hemchandracharya North Gujarat University, Patan
Bachelor of Vocation

Pharmaceutical Chemistry Semester IV

Mid SEM Examination, March 2017

PC 412 Subject: Fundamentals of Microbiology

Time: 2 hrs

Date:

Marks: 60

Q.1 Answer any 12 questions. Each question carries 1 mark

[12*1=12]

1. Gram Staining was discovered by _____
(a) Antony (b) Christian Gram (c) Loius Pasteur (d) Paul Ehlich
2. _____ is regarded as Father of Microbiology
3. Define : Microbiology
4. One difference between Prokaryotes and Eukaryotes
5. In Electron Microscope _____ is used
(a) Electrons (b) Protons (c) Light (d) None
6. Milk is sterilized by _____
(a) Pasteurization (b) Boiling (c) Drying (d) None
7. Gram negative bacteria appear as pink-----True/False
8. Give 2 names of Microorganisms
9. _____ can be used as disinfectant
10. Define : Sterilization
11. Moist heat is used in Autoclave for sterilization-----True/False
12. _____ discovers Animalcules
(a) Antony Van (b) Edward (c) Robert Koch (d) None
13. Dry heat is used in oven-----True/False

Q.2 Answer any 5 questions. Each question carries 04 marks

[5*4=20]

1. Explain various groups of Microorganisms
2. SN: Applied areas of Microbiology
3. Difference between Prokaryotes and Eukaryotes
4. SN: Loius Pasteur
5. Explain : High temperature as Physical methods of Sterilization
6. SN: Cultivation of Anaerobic microorganisms

Q.3 Answer any 4 questions. Each question carries 07 marks

[4*7=28]

1. Explain Transmission Electron Microscope
2. SN: Whittakers 5 kingdom Classification
3. Explain nutritional types of organisms
4. Contributions of Robert Koch
5. Classify the organisms based on temperature.