



Sessional II (Odd) Semester Examination, October 2025

Roll no.....

Name of the Course and semester: **B.Pharm. Semester III**

Name of the Paper: **PHARMACEUTICAL MICROBIOLOGY**

Paper Code: **BP 303T**

Time: 1.5-hour

Maximum Marks: 30

Note:

- (i) This question paper contains three sections
- (ii) All the sections are compulsory
- (iii) Cuts and over writing not consider. Write only (i,ii,iii or iv) as options.

Section-A

MULTIPLECHOICEQUESTION

10X1 = 10 marks

- a. Fungi reproduce asexually for spore formation. **CO-3**
 - i. Candida
 - ii. Aspergillus
 - iii. Penicillium
 - iv. Rhizopus
- b. Which disease is termed as bacterial infection? **CO-3**
 - i. Pneumonia
 - ii. Influenza
 - iii. Cold and sneezing
 - iv. Coughing
- c. Single strand genom e virus is which one? **CO-3**
 - i. Parvoviruses
 - ii. Herpesviruses
 - iii. Poxviruses
 - iv. Adenoviruses
- d. Substance causes febrile reaction in circulatory system. **CO-3**
 - i. Pyrogens
 - ii. Antigens
 - iii. Hormones
 - iv. Antibodies
- e. Anaerobic bacteria primarily cultured in **CO-3**
 - i. Fluid thioglycolate medium
 - ii. Dextrose Agar medium
 - iii. Alternate thioglycolate medium
 - iv. Soyabean casein digest medium
- f. Clean air is claimed to be approx. **CO-4**
 - i. 99.97%microbialfree
 - ii. 99.99%microbialfree
 - iii. 99.98%microbialfree
 - iv. 99.96%microbialfree
- g. What of the material is used in flexing floor material **CO-4**
 - i. PVC
 - ii. Epoxy resin
 - iii. 8-hydroxyqunolin
 - iv. Inorganic fillers

- h. Cetrimide is used in aseptic area as **CO-4**
- i. Wall repairing
 - ii. Skin disinfectant
 - iii. Cleansing solution of wounds
 - iv. Wiping Solution
- i. Air velocity in HEPA filters is **CO-4**
- i. 0.55m/s
 - ii. 0.54m/s
 - iii. 0.56m/s
 - iv. 0.57m/s
- j. Which one type of air flow pattern is not functioned in laminar air flow cabinet. **CO-4**
- i. Horizontal air flow
 - ii. Vertical air flow
 - iii. Unidirectional airflow
 - iv. Combined air flow.

SECTION B

Short Questions: Attempt any two

2x5 = 10marks

- a. Quote four differences between Fungi and virus **CO3**
- b. Briefly describe tests for bactericidal activity. **CO3**
- c. Give the types of air flow LAF cabinets. **CO4**

SECTION C

Long questions: Attempt any one

1x10 = 10marks

- a. Give Baltimore classification of Virus. **CO 3**
- b. Describe the Layout of Clean area. Write the condition of floors, walls and doors of aseptic room **CO 4**