



ESTD-2005

The Jamner Taluka Education Society's

**SHREE SURESHDADA JAIN INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH, JAMNER, -424206 DIST- JALGAON (M.S.)**

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● Affiliated to K.B.C. N.M.U., Jalgaon

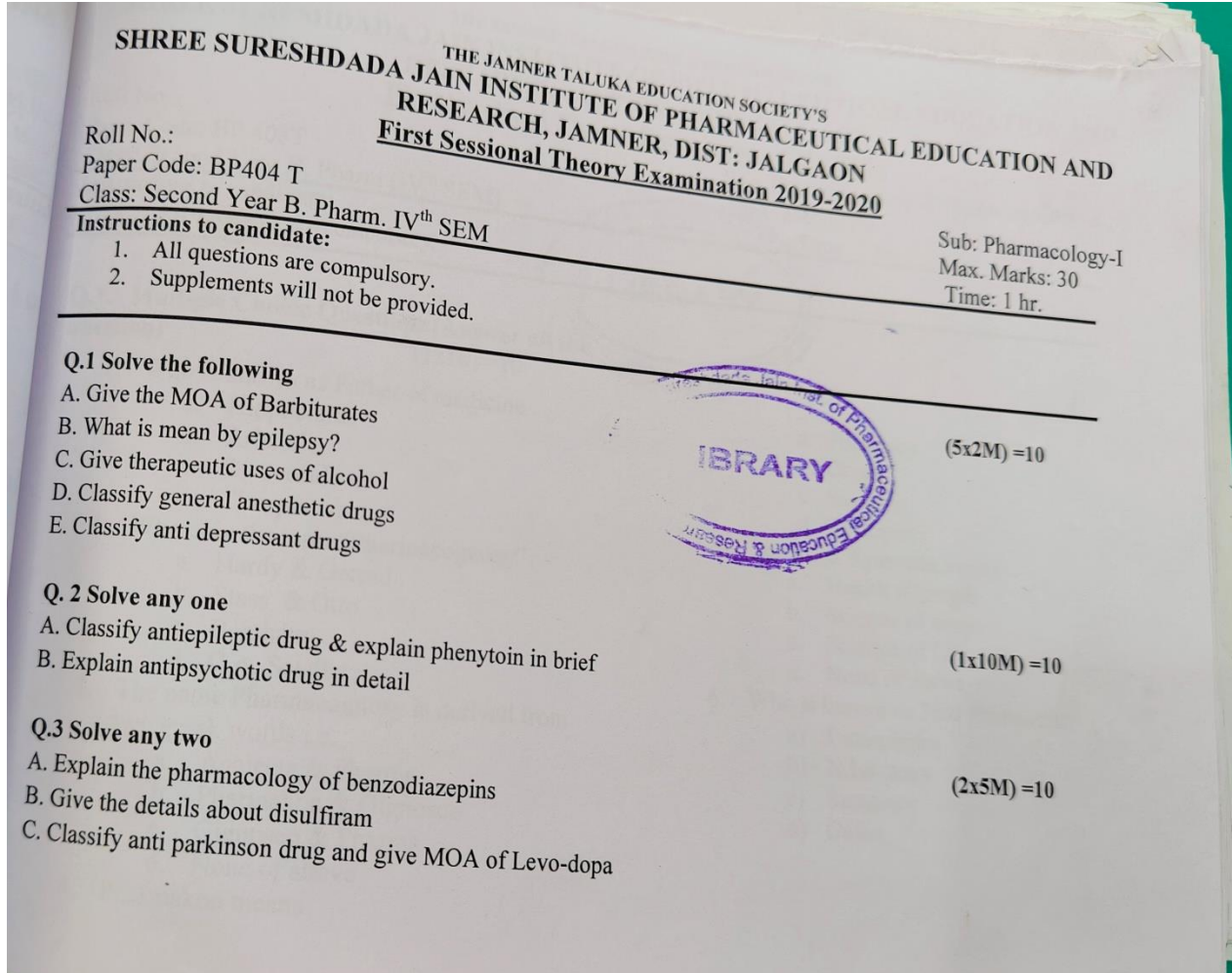
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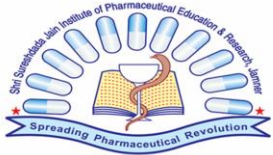
### 1.1.1.17 Sessional Question Paper

Academic Year 2019-20



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**Academic Year 2021-22**

**THE JAMNER TALUKA EDUCATION SOCIETY'S  
SHREE SURESHDADA JAIN INSTITUTE OF PHARMACEUTICAL EDUCATION AND  
RESEARCH, JAMNER, DIST: JALGAON  
First Sessional Theory Examination 2021-2022**

Roll No.: \_\_\_\_\_  
Paper Code: BP 802T  
Class: Final Year B. Pharm. VIII<sup>th</sup> SEM

Sub: Social And Preventive Pharmacy  
Max. Marks: 30  
Time: 1 hr.

**Instructions to candidate:**  
1. All questions are compulsory.

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**Q.1 Multiple Choice Questions (Answer all the question) (10x1)=10**

1) Essential requirements for maintaining a good health are  
A) Balanced diet                      B) Exercise & rest  
C) Good habits                         D) All of the above

2) cancer of the blood cells is referred to as ----  
A) Sarcoma                              B) Mesothelioma  
C) Leukemia                             D) Basal cell carcinoma

3) Hygiene aspect of health maintenance include-  
A) Personal hygiene                  B) Environmental hygiene  
C) Both of above                       D) None of these

4) The services provided by public health pharmacists to achieve health are :  
A) Promotive                             B) Rehabilitative  
C) Preventive                             D) All of above

5) Physiological functioning of the body is known as-  
A) Illness                                 B) Physical health  
C) Disease                                 D) Sickness

6) Chickunguniya is spread by ?  
A) Mosquito                             B) Chicken  
C) Men to men                         D) A & C



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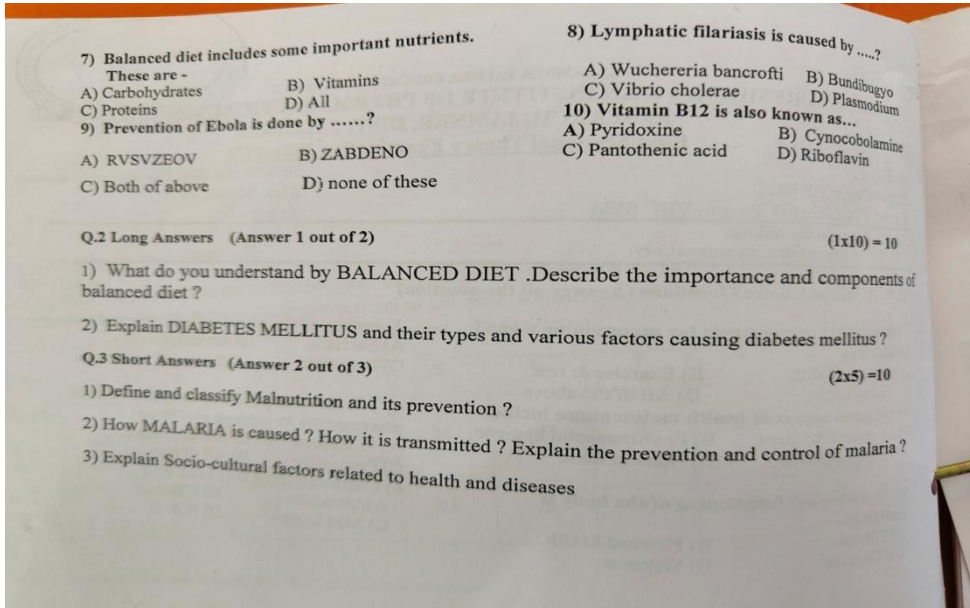
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Academic year 2022-23

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**Second Sessional Theory Examination 2022-23**

Date: 11/11/2022  
Paper Code: BP303T  
Class: S. Y.B.Pharm.III<sup>rd</sup>SEM

Sub: Pharmaceutical Microbiology  
Max. Marks: 30  
Time: 10.30 to 11.30 AM

**Q.1 MCQ Question (Answer all the Question) (1x10)=10**

<b>1) Settle plate method is also known as</b> A) Spread plate method    B) Flootation method C) Pour plate method      D) Sedimentation method	<b>2) Efficiency of HEPA filter is</b> A) 99.97                      B) 88.87 C) 90.97                      D) 98.97
<b>3) In microbiological assay of amino acid alanine, the test organism used is</b> A) Staph. Aureuscitrborum    B) Bacillus subtilis C) Strep. Faecalis            D) Leuconostocitroorum	<b>4) Study of fungi is known as</b> A) Mycology                B) Parasitology C) Virology                 D) Bacteriology
<b>5) The term used for microorganisms by Leuwenhoek is</b> A) Germ                      B) Dierken C) Microbe                 D) Both B & C	<b>6) Penicillin was discovered by</b> A) R. Koch                    B) Landsteiner C) Fleming                  D) E. Jenner

<b>7) The DNA present in bacteria is</b> A) Single and circular      B) Single and linear C) Double and circular     D) Double and linear	<b>8) The alternative name of nucleoid is</b> A) Nuclear equivalent      B) Bacterial chromosome C) Chromatic body         D) All of the above
<b>9) Stab. Culture also known as</b> A) Stick culture            B) Pick culture C) Slant culture             D) Both A & B	<b>10) The extra chromosomal piece of DNA in bacteria is</b> A) mesosome                B) Plasmid C) Plastid                    D) Nucleoid

**Q.2 Long Answers (Any one)**

1) Write in detail note on microbiological assay **(1x10) = 10**

2) Give the isolation and preservation of pure culture media by using this method

a) Streak plate method b) Pour plate method c) Spread plate method

**Q.3 Short Answers (Any two)**

1) Give the classification of fungi. **(2 x5) = 10**

2) Give the factors affecting on preservatives.

3) Describe main sources of contamination of an aseptic area. How much contamination is prevented?



  
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**Second Sessional Theory Examination 2022-23**

Date: 05-04-2023  
Paper Code: BP602T  
Class: Third Year. B.Pharm.VI<sup>th</sup>SEM

Sub: Pharmacology-III  
Max. Marks: 30  
Time : 11.30 Am to 12.30 Pm

**Q.1 MCQ Question (Answer all the Question) (1x10)=10**

<b>1) What is the course of administration in antitubercular drugs</b> a) 5-6 months c) 6-8 months	b) 4-6 months d) 4-8 months	<b>2) Which drug is used in combination of rifampicin and clofazimine</b> a) Solapsone c) Ofloxacin	b) Dapsone d) None of the above
<b>3) Chronopharmacology deals with</b> a) Biological clock c) Drug toxicity	b) Immunity mechanism d) none	<b>4) Acute toxicity occurs generally</b> a) less than 24 hours c) exactly 24 hours	b) greater than 24 hours d) less than 48 hours
<b>5) Acute toxicity study performed in any of testing method according to which guidelines aims</b> a) OECD 419 c) OECD 421	b) OECD 420 d) OECD 421	<b>6) Leprosy is also known as ?</b> a. Anthrax b. Hansen's disease c. Tyson's disease d. Handen's disease	

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Date: 05-04-2023  
Paper: BP602T

<b>7) Arsenic exposure causes skin to produce</b> a) Colour drop's c) Blue colour drop's	b) Red colour drop's d) Yellow colour drop's	<b>8) Barbiturates are the class of drugs to induce</b> a) Relaxation and sleep b) contraction and sleep c) Muscle relaxation and reduce BP d) Muscle contraction and maintain BP	
<b>9) Which of the following is an antifungal drug that acts by inhibiting fungal DNA synthesis?</b> a) Flurouracil c) Griseofulvin	b) Ketoconazole d) Flucytosine	<b>10) Melatonin is secreted by</b> a) Pitutary gland c) Pineal gland	b) Hypothalamus d) Thyroid gland

**Q.2 Long Answers (Any one) (1x10) = 10**

1) Explain about poisoning. And write in detail different types of poisoning with causes, signs, symptoms, evaluation, management.

2) Define Tuberculosis and classify it, Explain in detail anti tubercular drugs along with their classification and MOA.

**Q.3 Short Answers (Any two) (2 x5) = 10**

1) Classify antileprotic drugs. Explain dapson in detail

2) Write a note on acute and subacute toxicity studies?

3) Define barbiturate poisoning. Give sign & symptoms, mention complications of barbiturate poisoning.



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Academic year 2023-24

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First Sessional Theory Examination Nov- Dec 2023-2024

Roll No.: \_\_\_\_\_ Max. Marks: 30  
Subject: Human Anatomy & Physiology I Paper Code: BP101T  
Class: First Year B. Pharm. Ist SEM Time: 1 hr

Instructions to candidate:  
1. All questions are compulsory.

Q. 1 Multiple Choice Questions 10M

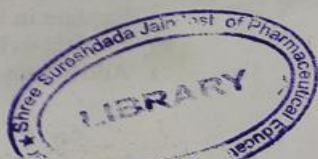
I. The suture which joins frontal bone to parietal bones is \_\_\_\_\_  
A. Coronal Suture B. Saggital suture C. Lambdoid suture D. Squamous suture

II. Which one of the following muscles is known as voluntary muscle?  
A. Skeletal Muscles B. Smooth Muscles  
C. Cardiac muscles D. All of the above

III. A group of cells similar in origin and function is known as \_\_\_\_\_  
A. Cluster of cells B. Tissue C. Organ D. System

IV. The mechanism by which internal environment of a body is fairly kept constant is known as  
A. Homeostasis B. Haemostasis  
C. Phagocytosis D. Both A and B

V. The cells cartilage are known as \_\_\_\_\_  
A. Fibrocytes B. Osteocytes  
C. Reticulocytes D. Chondrocytes



VI. Which one of the following bone forms middle portion of the base of the cranium?  
A. Ethmoid bone B. Occipital bone  
C. Sphenoid bone D. Parietal bone

VII. The only movable joint in the skull is \_\_\_\_\_  
A. Fibrous joint between Maxilla and Temporal bone  
B. Fibrous joint between Frontal and Temporal bone  
C. Temperomandibular joint  
D. None of the above

VIII. \_\_\_\_\_ bone is known as neck bone  
A. Mandible B. Maxilla  
C. Hyoid D. Ethmoid

IX. Which of the following is / are carrier mediated transport mechanisms?  
A. Active transport B. Passive transport  
C. Facilitated diffusion D. Both A and C

X. A group of cell bodies in CNS are known as  
A. Ganglia B. Tract  
C. Nerves D. Nuclei

Q. 2 Long Answers (Solve Any One) 10M  
A. Explain in detail bones of skull and function of skull  
B. Explain in detail Epithelial tissue with respect to its structure, location and function

Q. 3 Short Answers (Solve Any Two) 10M  
a) Explain in brief structure of a typical vertebra  
b) Explain in brief different mechanisms of transport of substances across a cell membrane  
c) Add a note on structure of neuron.



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**First Sessional Theory Examination Nov-Dec 2023-24**

Roll No.:

Max. Marks: 30

Subject: Instrumental Methods of Analysis

Subject Code: BP701T

Class: Final Year B. Pharm. VII<sup>th</sup> SEM

Time: 1 hour

Instructions to candidate:

1. All questions are compulsory.
2. Figures to right indicate full marks

**Q.1 Multiple Choice Questions**

10M

1. The Van Deemter equation is....

- A.  $HETP = A + B/u + cu$       B.  $HETP = A + C/u + Bu$   
C.  $HPTP = C + B/u + Au$       D.  $HETP = A + C/u + Bu$

2. As Plate height decreases, no. of plates.....and column efficiency.....

- B. Increases, decreases      B. decreases, increases  
D. Increases, increases      D. decreases, decreases

3. Shift of wavelength to a longer wavelength is called.....

- B. Hypsochromic shift      B. Bathochromic shift  
D. Hyperchromic shift      D. Hypochromic shift

4. The wavelength range for near IR region lies between.....

- B. 1-5  $\mu$       B. 5-10  $\mu$   
D. 0.8-2.5  $\mu$       D. 2.5-25  $\mu$



5. Factor responsible for decrease in fluorescence intensity known as....

- B. Chromophore      B. Auxochrome  
D. Automizer      D. Quencher

6. A group of atoms in a compound responsible for the absorption of electromagnetic radiation....

- B. Auxochrome      B. Chromophore  
D. Nebilizer      D. wavelength

7. Methane shows which type of transition.....

- B.  $\sigma - \sigma^*$       B.  $\eta - \pi^*$       C.  $\pi - \pi^*$       D.  $\eta - \sigma^*$

8. Which of the following technique based on scattering of radiation....

- B. Turbidimetry      B. Scattering      C. Fluorescence      D. Phosphorescence

9. Fluorescence involves ....transition.

- B. Triplet-singlet      B. Triplet-triplet  
D. Singlet-singlet      D. Singlet-triplet

10. In turbidimetry, intensity of transmitted radiation is measured at....

- A. 0° to incident light      B. 90° to incident light      C. 180° to incident light      D. 360° to incident light

**Q.2 Long Answers (Attempt Any One)**

10M

A. Write principle of AAS. Write in detail instrumentation of Flame spectroscopy.

B. Give Beer's and Lambert's law in detail. Write in brief electronic transitions present in molecules.

**Q.3 Short answers (Attempt Any Two)**

10M

A. Give principle of IR spectroscopy. Explain various vibration modes in polyatomic molecule.

B. Write principle of adsorption and partition column chromatography. Write in detail development methods of TLC.

C. Give principle of Fluorimetry. Write in detail factors affecting on fluorescence intensity.

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